



WHOLE LIFE CONSULTANTS LTD



CITB ANALYSIS

Local construction skills needs for Scotland: Demand analysis



Technical Annex

An analysis of the demand presented
by the construction landscape in seven
local areas across Scotland

**July
2023**



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1. Introduction

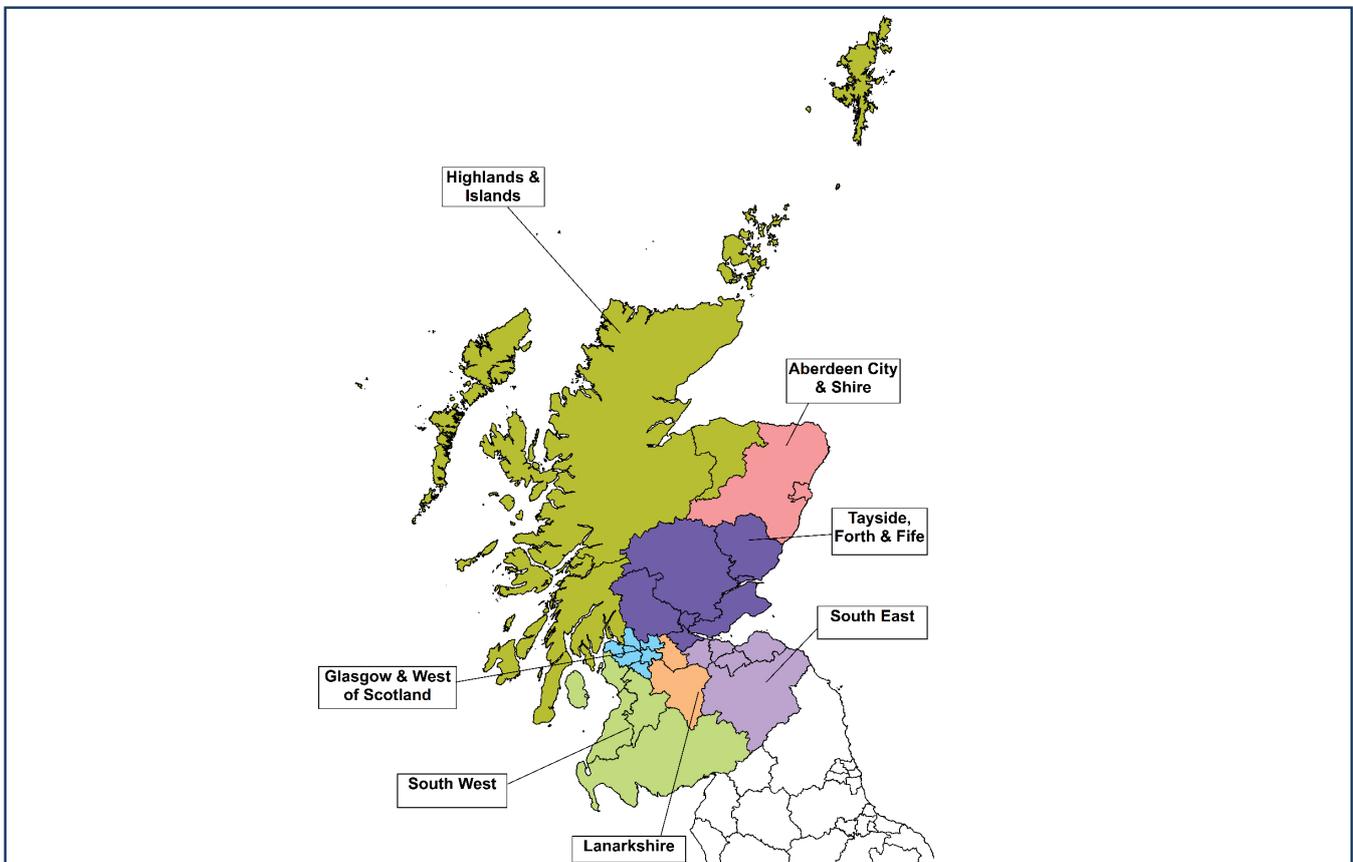
The CITB Construction Skills Network (CSN) produces forecasts for twelve UK regions and devolved nations. Within that forecast Scotland is produced as a single forecast. In 2018 CITB wished to develop an understanding of what is happening to skills and labour at a local level in Scotland and commissioned research to gain a deeper understanding. In 2022 CITB asked for the analysis carried out in 2018 to be refreshed. This report outlines the results of the demand analysis.

Our approach to carrying out the analysis is outlined in Appendix A. In summary, our approach prepares a bottom up forecast of labour demand by analysing the projects which are known (in terms of scope, value, start and end dates) in each area across Scotland. An estimate is made of other work that is taking place. Using this estimate of known projects and other work we use the CITB Labour Forecasting Tool to estimate the labour demand arising from that pipeline of work.

We also take account of national projects which may be allocated to a central location but may be taking place in one or more other local areas. In addition, major projects in each area are defined as those projects which perturb the underlying base load and are unlikely to continue at the same level of activity in the future. These are identified separately in the analysis.

For the purpose of this report we have split Scotland into the local areas shown in Figure 1.

Figure 1: Map of Scotland by areas



2. Labour demand in Aberdeen City & Shire

2.1. Introduction

The following sections provide an estimate of the labour demand that construction investment will create across Aberdeen City & Shire over the period 2022-2026. The outputs, prepared using the analysis described in Appendix A, are reported along with the labour demand generated as calculated by the Labour Forecasting Tool.

The local authorities included in Aberdeen City & Shire are Aberdeen and Aberdeenshire.

2.2. Pipeline of known projects

2.2.1. Glenigan pipeline analysis

We have considered projects in the Glenigan database¹ and the National Infrastructure and Construction Pipeline (NICP)². These comprise what are referred to as the known projects.

The review of the Glenigan database identified 412 projects in the Aberdeen City & Shire area. Of these, 55 projects were removed due to missing dates along with three projects which were clearly identified as consultancy projects. Also excluded were 16 duplicate projects. A full set of the projects which were omitted from the analysis is provided in Appendix D.

The Mean Value Theorem was applied to the remainder of the pipeline to identify the significant projects. The process identified 68 significant projects accounting for just over 84% of the total construction spend in the area.

This allowed a detailed analysis of a large proportion of all the projects and a comprehensive consideration of the project types to which they were assigned.

Table 1 shows the number of significant projects within the Aberdeen City & Shire area, the percentage of spend arising from the significant projects and the total spend. The construction spend shown in this table takes account of any adjustments for engineering works and any incomplete, duplicate or consultancy projects. Values are shown in 2021 prices, the base price used in the Glenigan database.

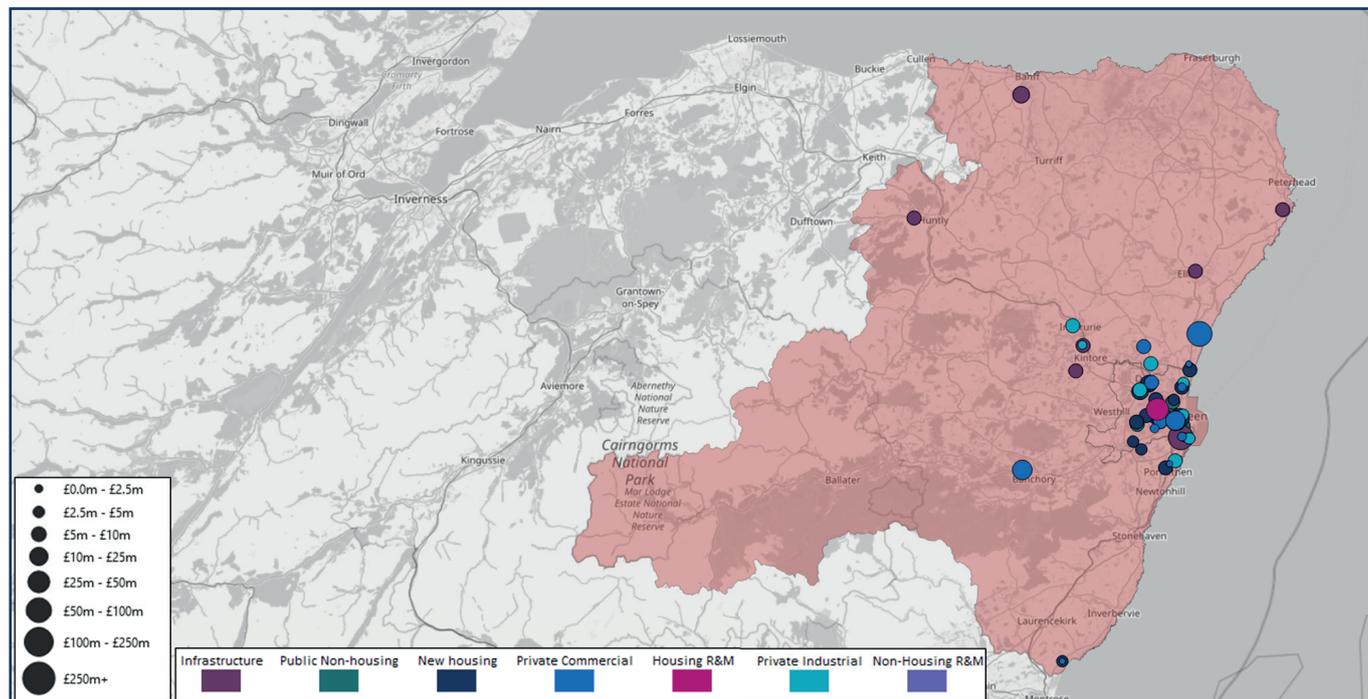
Table 1: Key data for significant projects in Glenigan in Aberdeen City & Shire³

	Number of projects	Construction spend (£m - 2021 values)
All Glenigan projects	338	3,633
Significant Glenigan projects	68	3,044
Percentage within significant projects	20%	84%

Appendix E provides a full breakdown of the significant projects and their construction values. The peak year for the Glenigan spend profile is 2022. The location of the significant projects within Aberdeen City & Shire can be seen in Figure 2. The radius of the markers is proportional to the value of the work taking place.

1. The Glenigan database allows contractors to identify leads and to carry out construction market analysis. For the purposes of this analysis we have used the Q4 2021 cut of data.
2. The Infrastructure and Projects Authority compile annually a pipeline of UK infrastructure and construction projects and the associated annual public and private investment.
3. The values in this table are the values from the Glenigan pipeline to which the construction element percentage has been applied and thus reflect the adjusted values of infrastructure projects values to distinguish between construction and engineering construction.

Figure 2: Location of significant projects included in the analysis in Aberdeen City & Shire



2.2.2. Glenigan & NICE spend analysis

Implementing the methodology outlined in Appendix A leads to the following findings for 2022.

Table 2 shows the distribution by project type of new build spend for the total pipeline of known projects in 2022.

Table 2: New-build construction spend by project type in 2022 (total defined project pipeline)

Project Type	Construction spend in 2022 (2021 values - £m)	% of total
New housing	367	35%
Infrastructure	318	31%
Private commercial	190	18%
Public non-housing	103	10%
Private industrial	57	6%
Total	1,035	100%

Table 3 shows the infrastructure construction spend from the known projects in Table 2 by infrastructure sub-type.

Table 3: Construction spend by infrastructure sub-type in 2022 (total defined project pipeline)

Project Type	Construction spend in 2022 (2021 values - £m)	% of total
Transport	106	33%
General infrastructure	92	29%
Water	66	21%
Energy	52	16%
Flooding	2	1%
Total	318	100%

2.2.3. Major projects

In the context of this analysis, a project contributing to the peak spend of the selected local area is considered a major project when its construction monthly spend is significantly above the mean monthly spend of the other

projects contributing to the peak.⁴ The analysis identified four projects which could be classified as major projects. Details of the four major projects are shown in Table 4.

Table 4: Details of the major projects in Aberdeen City & Shire

Heading	Local Authority	Value (£m)	Start date	End date
Harbour	Aberdeen	297	01/04/2017	31/08/2022
245 Flats & Commercial Units	Aberdeen	70	07/03/2022	06/03/2023
Golf Resort/Hotel & Holiday Homes	Aberdeenshire	1,000	01/07/2010	30/12/2024
95 Residential Units/Tourism/Leisure/Hotel & Lodges	Aberdeenshire	100	27/12/2021	27/12/2022

2.3 Estimate of total labour demand

As outlined in Appendix A, the known project pipeline may not include smaller projects or repair and maintenance work. Figure 3 shows the outcomes of the analysis of future labour demand. The purple area shows the labour demand arising from the new build Glenigan and NICP projects (excluding major projects). This is projected forward from the peak as shown in light blue. The grey area shows the likely labour demand arising from our estimate of new build work over and above that which is included in Glenigan. The total R&M workforce is shown in blue which includes any estimates of other R&M work not already included in Glenigan or the NICP. The labour demand associated with the four

major projects is shown in pink. No attempt is made to estimate demand from new major projects that might arise in the future.

The total construction labour demand including the volume of R&M imputed from the CSN model is 20,550 people in 2022. The projected growth between 2022 and 2026 suggests that the labour demand in 2026 will be around 20,510 people. These figures do not include the labour demand associated with the major projects which, if added to the 2022 labour demand, would bring it to 23,450 people.

Figure 3: Total construction labour demand including estimates for both R&M and estimates of other work as well as major projects

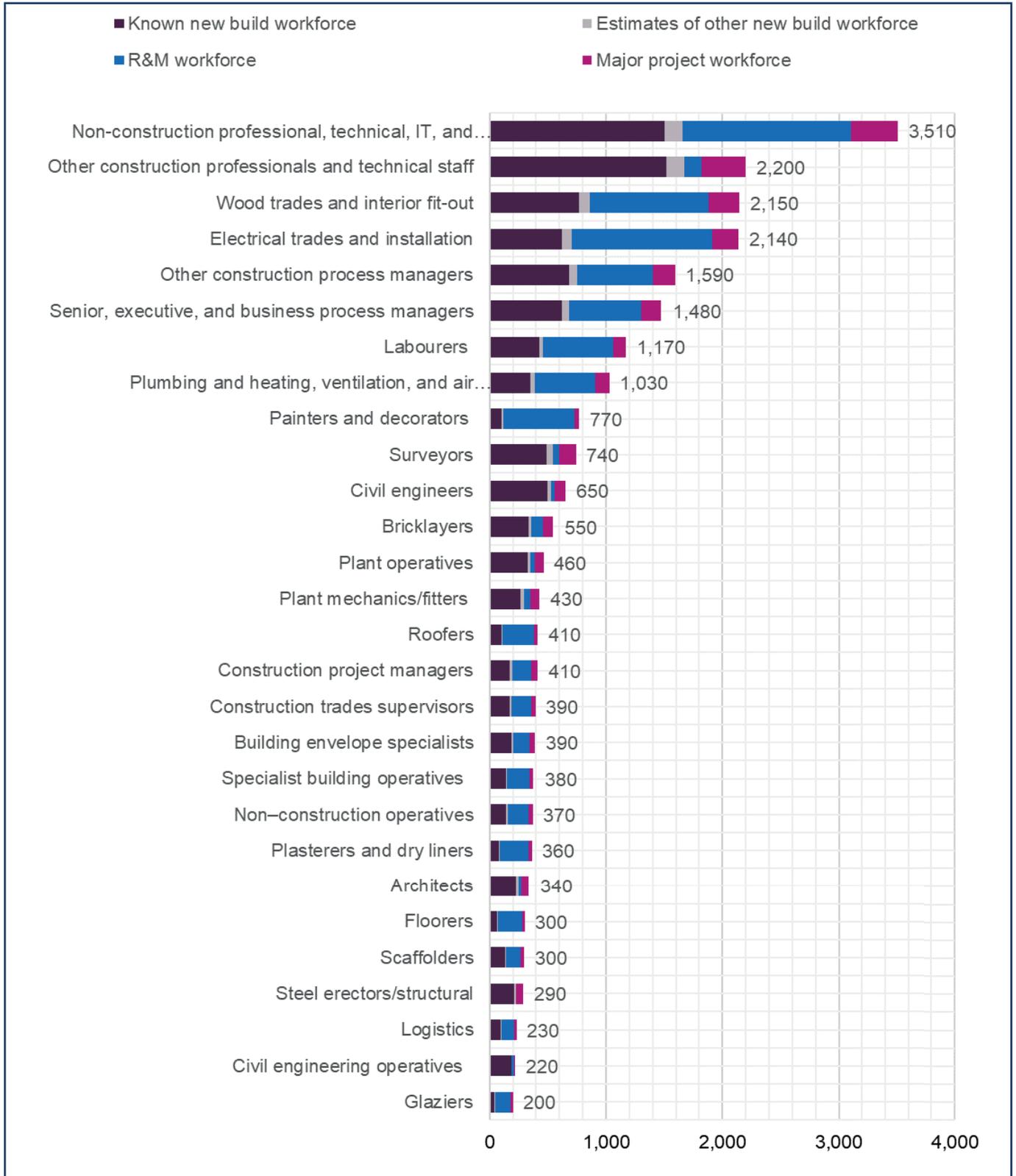


4. See Appendix B for further details on how the threshold above which a project is considered a major project is calculated.

2.3.1. Construction labour demand by occupation in 2022

For 2022 the detailed breakdown for each of the 28 occupational groups for the Glenigan and the NICP projects is shown in Figure 4. This shows the breakdown by occupation for both the pipeline of known projects (new build and R&M) and the estimates of other work.

Figure 4: Construction labour demand by occupation in 2022



2.3.2. Breakdown of labour demand by project type

Table 5 shows the labour demand generated by the known projects and the estimates of other work in 2022.

Table 5: Labour demand by work type in 2022⁵

Project Type	Labour demand from known projects (people)	Labour demand from estimates of other work (people)	Total labour demand (people)	% of total in 2022
Non-housing R&M	-	6,850	6,850	29%
Private commercial	3,310	850	4,160	18%
New housing	3,740	180	3,920	17%
Infrastructure	3,290	-	3,290	14%
Housing R&M	620	1,660	2,280	10%
Public non-housing	1,910	-	1,910	8%
Private industrial	1,040	-	1,040	4%
Total	13,910	9,540	23,450	100%

2.3.3. Impact of major projects on the total labour demand

Table 6 shows the labour demand generated by the known projects and the estimates of other work in 2022 along with the impact major projects have on workforce demand in 2022.

Table 6: Labour demand by work type in 2022, including major projects⁶

Project Type	Total labour demand (including major projects) (people)	Labour demand from major projects	
		People	% of total
Non-housing R&M	6,850	-	-
Private commercial	4,160	1,740	42%
New housing	3,920	810	21%
Infrastructure	3,290	250	8%
Housing R&M	2,280	-	-
Public non-housing	1,910	100	5%
Private industrial	1,040	-	-
Total	23,450	2,900	12%

5. Due to rounding totals might not correspond to the sum of the parts.

6. Due to rounding totals might not correspond to the sum of the parts.

2.4 Summary of demand

- The labour demand arising from the construction spend in the Aberdeen City & Shire area peaks at about 20,550 people in 2022, taking account of estimates of other work including R&M in addition to the pipeline of known projects and excluding major projects. If major projects are included in the analysis, the figure for 2022 rises to 23,450 people.
- During 2022, the most labour-intensive occupation group is Non-construction professional, technical, IT and other office-based staff with an annual demand of 3,100 people (3,510 when major projects are included).
- The estimate of the three largest labour demands in the trade occupations for 2022 are as follows:
 - The trade occupation for which demand is highest is Wood trades and interior fit-out trades with 1,880 people (2,150 when major projects are included);
 - Electrical trades and installation trades follow with 1,910 people (2,140 when major projects are included);
 - Labourers nec* rank third, with a demand of 1,060 people (1,170 when major projects are included).

3. Labour demand in Glasgow & West of Scotland

3.1. Introduction

The following sections provide an estimate of the labour demand that construction investment will create across Glasgow & West over the period 2022-2026. The outputs, prepared using the analysis described in Appendix A, are reported along with the labour demand generated as calculated by the Labour Forecasting Tool.

The local authorities included in Glasgow & West of Scotland are:

- East Dunbartonshire
- East Renfrewshire
- Glasgow
- Inverclyde
- Renfrewshire
- West Dunbartonshire

3.2. Pipeline of known projects

3.2.1. Glenigan pipeline analysis

We have considered projects in the Glenigan database and the National Infrastructure and Construction Pipeline (NICP). These comprise what are referred to as the known projects.

The initial review of the Glenigan database identified 858 projects in the Glasgow & West area. Of these, 80 projects were removed due to missing dates along with 24 projects which were clearly identified as consultancy projects. Also excluded were one project which was actually not in the considered area, and 22 duplicate projects. A full set of the projects which were omitted from the analysis is provided in Appendix D.

The Mean Value Theorem was applied to the remainder of the pipeline to identify the significant projects. The

process identified 116 significant projects accounting for approximately 91% of the total construction spend in the area. This allowed a detailed analysis of a large proportion of all the projects and a comprehensive consideration of the project types to which they were assigned.

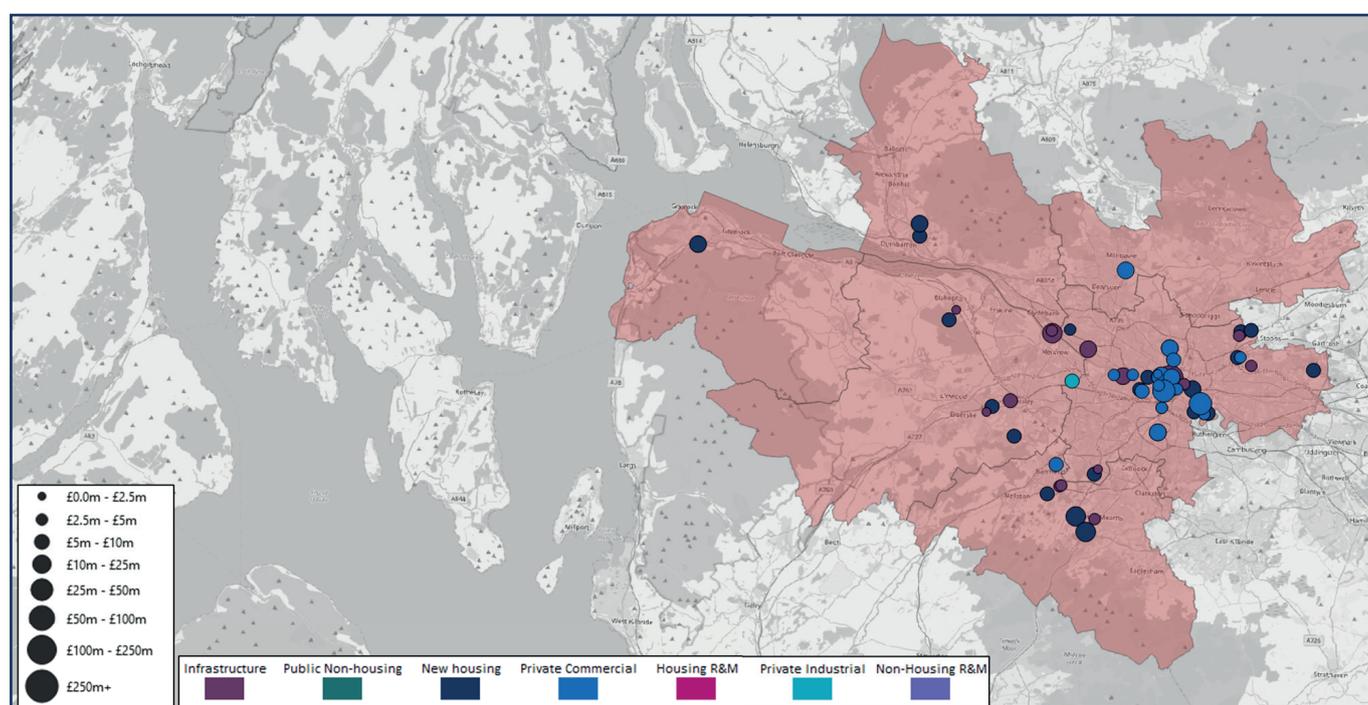
Table 7 shows the number of significant projects within the Glasgow & West of Scotland area, the percentage of spend arising from the significant projects and the total spend. The construction spend shown in this table takes account of any adjustments for engineering works and any incomplete, duplicate or otherwise removed projects. Values are shown in 2021 prices, the base price used in the Glenigan database.

Table 7: Key data for significant projects in Glenigan in Glasgow & West area⁷

	Number of projects	Construction spend (£m - 2021 values)
All Glenigan projects	731	18,867
Significant Glenigan projects	116	17,127
Percentage within significant projects	16%	91%

Appendix E provides a full breakdown of the significant projects and their construction values. The peak year for the Glenigan spend profile is 2022. The location of the significant projects within Glasgow & West of Scotland can be seen in Figure 5. The radius of the markers is proportional to the value of the work taking place.

Figure 5: Location of significant projects included in the analysis in Glasgow & West of Scotland



3.2.2. Glenigan & NICE spend analysis

Implementing the methodology outlined in Appendix A leads to the following findings for 2022.

Table 8 shows the distribution by project type of new build spend for the total pipeline of known projects in 2022.

Table 8: New-build construction spend by project type in 2022 (total defined project pipeline)

Project Type	Construction spend in 2022 (2021 values - £m)	% of total
New housing	756	34%
Infrastructure	726	33%
Private commercial	438	20%
Public non-housing	257	12%
Private industrial	33	1%
Total	2,210	100%

7. The values in this table are the values from the Glenigan pipeline to which the construction element percentage has been applied and thus reflect the adjusted values of infrastructure projects values to distinguish between construction and engineering construction.

Table 9 shows the infrastructure construction spend from the known projects in Table 8 by infrastructure sub-type.

Table 9: Construction spend by infrastructure sub-type in 2022 (total defined project pipeline)

Project Type	Construction spend in 2022 (2021 values - £m)	% of total
General infrastructure	272	37%
Transport	245	34%
Water	131	18%
Energy	70	10%
Flooding	7	1%
Communications	1	0%
Total	726	100%

3.2.3. Major projects

The analysis identified three projects which could be classified as major projects according to the definition given in Appendix B. Details of the three major projects are shown in Table 10.

Table 10: Details of the major projects in Glasgow & West of Scotland

Heading	Local Authority	Value (£m)	Start date	End date
Office/Retail/Restaurant Units	Glasgow	135	15/06/2020	17/08/2022
433 Flats & Commercial Units	Glasgow	78	08/02/2021	20/10/2023
Offices & 300 Homes	Glasgow City	216	05/11/2018	06/11/2023

3.3. Estimate of total labour demand

As outlined in Appendix A, the known project pipeline may not include smaller projects or repair and maintenance work. Figure 6 shows the outcomes of the analysis of future labour demand. The purple area shows the labour demand arising from the new build Glenigan and NICP projects (excluding major projects). This is projected forward from the peak as shown in light blue. The grey area shows the likely labour demand arising from our estimate of new build work over and above that which is included in Glenigan. The total R&M workforce is shown in blue which includes any estimates of other R&M work not already included in Glenigan or the

NICP. The labour demand associated with the four major projects is shown in pink. No attempt is made to estimate demand by new major projects that might arise in the future.

The total construction labour demand including the volume of R&M imputed from the CSN model is 47,530 people in 2022. The projected growth between 2022 and 2026 suggest that the labour demand in 2026 will be around 47,400 people. These figures do not include the labour demand associated with the major projects which, if added to the 2022 labour demand, would bring it to 50,150 people in 2022.

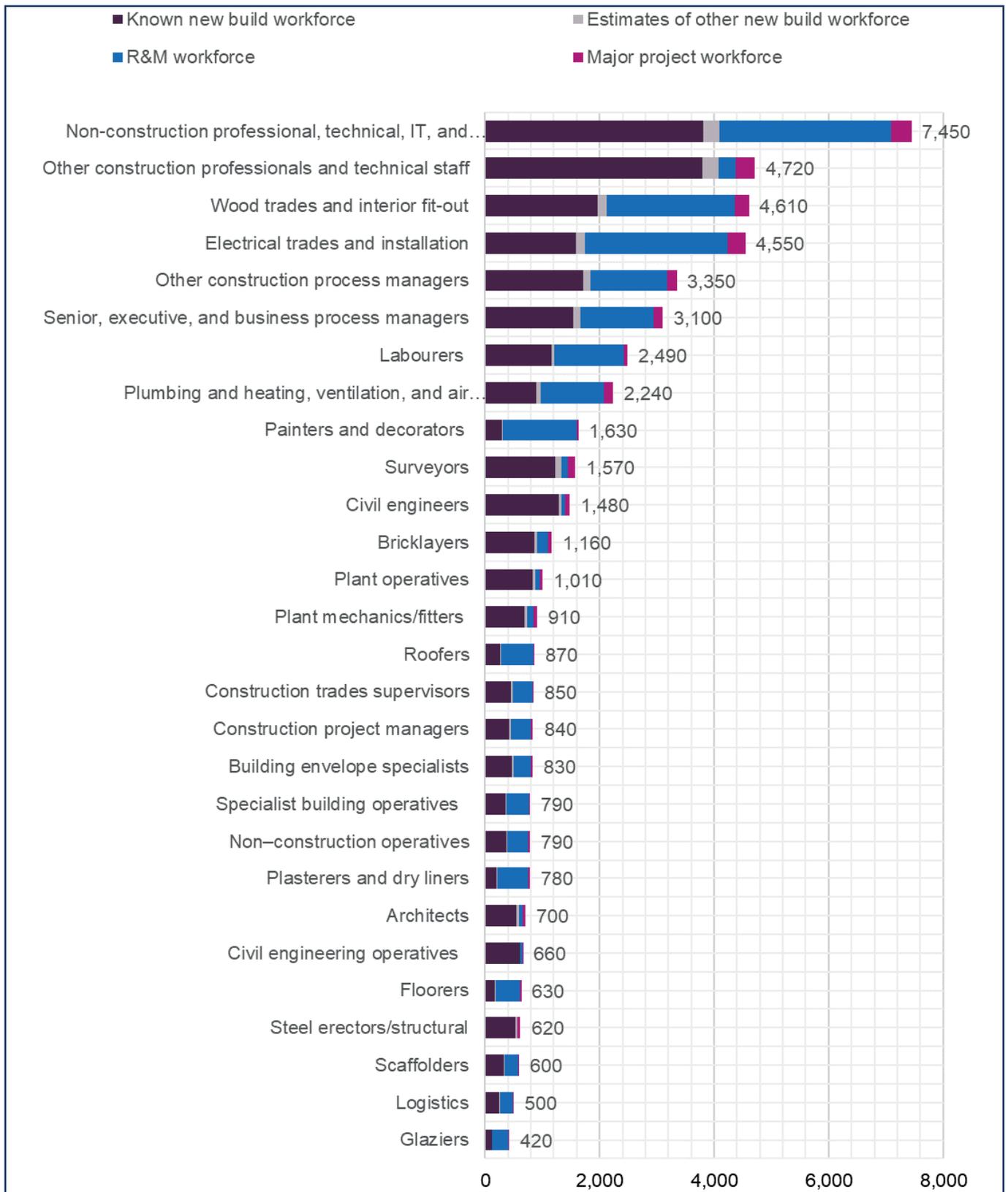
Figure 6: Total construction labour demand including estimates for both R&M, estimates of other work, and major projects



3.3.1. Construction labour demand by occupation in 2022

For 2022 the detailed breakdown for each of the 28 occupational groups for the Glenigan and the NICP projects is shown in Figure 7. This shows the breakdown by occupation for both the pipeline of known projects (new build and R&M) and the estimates of other work.

Figure 7: Construction labour demand by occupation in 2022



3.3.2. Breakdown of labour demand by project type

Table 11 shows the labour demand generated by the known projects and the estimates of other work in 2022.

Table 11: Labour demand by work type in 2022⁸

Project Type	Labour demand from known projects (people)	Labour demand from estimates of other work (people)	Total labour demand (people)	% of total in 2022
Non-housing R&M	-	13,520	13,520	27%
Private commercial	8,080	1,480	9,560	19%
New housing	8,340	450	8,790	18%
Infrastructure	7,460	-	7,460	15%
Housing R&M	2,790	2,720	5,510	11%
Public non-housing	4,720	-	4,720	9%
Private industrial	590	-	590	1%
Total	31,980	18,170	50,150	100%

3.3.3. Impact of major projects on the total labour demand

Table 12 shows the labour demand generated by the known projects and the estimates of other work in 2022 along with the impact major project have on workforce demand in 2022.

Table 12: Labour demand by work type in 2022, including major projects⁹

Project Type	Total labour demand (including major projects) (people)	Labour demand from major projects	
		People	% of total
Non-housing R&M	13,520	-	-
Private commercial	9,560	2,010	21%
New housing	8,790	410	5%
Infrastructure	7,460	-	-
Housing R&M	5,510	-	-
Public non-housing	4,720	200	4%
Private industrial	590	-	-
Total	50,150	2,620	5%

8. Due to rounding totals might not correspond to the sum of the parts.

9. Due to rounding totals might not correspond to the sum of the parts.

3.4. Summary of demand

- The labour demand arising from the construction spend in the Glasgow & West of Scotland area peaks at about 47,530 people in 2022, taking account of estimates of other work including R&M in addition to the pipeline of known projects and excluding major projects. If major projects are included in the analysis, the figure for 2022 rises to 50,150 people.
- During 2022, the most labour-intensive occupation group is Non-construction professional, technical, IT and other office-based staff with an annual demand of 7,090 people (7,450 when major projects are included).
- The estimate of the three largest labour demands in the trade occupations for 2022 are as follows:
 - The trade occupation for which demand is highest is Wood trades and interior fit-out with 4,360 people (4,610 when major projects are included);
 - Electrical trades and installation trades follow with 4,240 people (4,550 when major projects are included);
 - Labourers nec* rank third, with a demand of 2,430 people (2,490 when major projects are included).

4. Labour demand in Highlands & Islands

4.1. Introduction

The following sections provide an estimate of the labour demand that construction investment will create across Highlands & Islands over the period 2022-2026. The outputs, prepared using the analysis described in Appendix A, are reported along with the labour demand generated as calculated by the Labour Forecasting Tool.

The local authorities included in Highlands & Islands are:

- Argyll & Bute
- Highland
- Moray
- Comhairle nan Eilean Siar
- Orkney Isles
- Shetland Isles

4.2. Pipeline of known projects

4.2.1. Glenigan pipeline analysis

We have considered projects in the Glenigan database and the National Infrastructure and Construction Pipeline (NICP). These comprise what are referred to as the known projects.

The initial review of the Glenigan database identified 647 projects in the Highlands & Islands area. Of these, 50 projects were removed due to missing dates along with five projects which were clearly identified as consultancy projects. Also excluded were eight duplicate projects. A full set of the projects which were omitted from the analysis is provided in Appendix D.

The Mean Value Theorem was applied to the remainder of the pipeline to identify the significant projects. The

process identified 121 significant projects accounting for just over 90% of the total construction spend in the area. This allowed a detailed analysis of a large proportion of all the projects and a comprehensive consideration of the project types to which they were assigned.

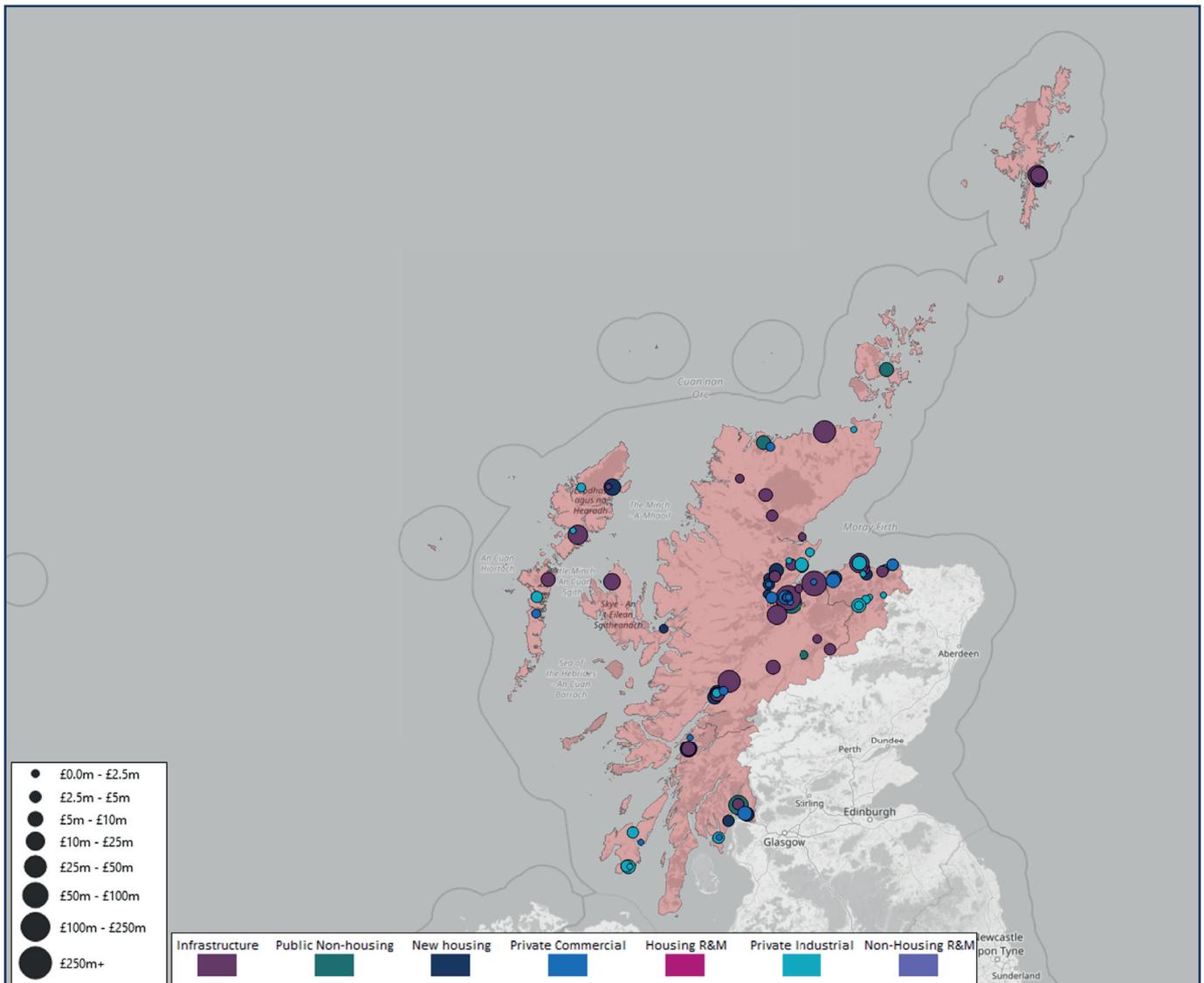
Table 13 shows the number of significant projects within the Highlands & Islands area, the percentage of spend arising from the significant projects and the total spend. The construction spend shown in this table takes account of any adjustments for engineering works and any incomplete, duplicate or otherwise removed projects. Values are shown in 2021 prices, the base price used in the Glenigan database.

Table 13: Key data for significant projects in Glenigan in Highlands & Islands¹⁰

	Number of projects	Construction spend (£m - 2021 values)
All Glenigan projects	584	6,086
Significant Glenigan projects	121	5,500
Percentage within significant projects	21%	90%

Appendix E provides a full breakdown of the significant projects and their construction values. The peak year for the Glenigan spend profile is 2022. The location of the significant projects within Highlands & Islands can be seen in Figure 8. The radius of the markers is proportional to the value of the work taking place.

Figure 8: Location of significant projects included in the analysis in Highlands & Islands



10. The values in this table are the values from the Glenigan pipeline to which the construction element percentage has been applied and thus reflect the adjusted values of infrastructure projects values to distinguish between construction and engineering construction.

4.2.2. Glenigan & NICP spend analysis

Implementing the methodology outlined in Appendix A leads to the following findings for 2022.

Table 14 shows the distribution by project type of new build spend for the total pipeline of known projects in 2022.

Table 14: New-build construction spend by project type in 2022 (total defined project pipeline)

Project Type	Construction spend in 2022 (2021 values - £m)	% of total
Infrastructure	634	57%
New housing	213	19%
Private commercial	106	9%
Public non-housing	97	9%
Private industrial	69	6%
Total	1,119	100%

Table 15 shows the infrastructure construction spend from the known projects in Table 14 by infrastructure sub-type.

Table 15: Construction spend by infrastructure sub-type in 2022 (total defined project pipeline)

Project Type	Construction spend in 2022 (2021 values - £m)	% of total
Transport	247	39%
Energy	205	32%
General infrastructure	104	16%
Water	64	10%
Flooding	14	2%
Total	634	100%

4.2.3. Major projects

The analysis identified two projects which could be classified as major projects according to the definition given in Appendix B. Details of the two major projects are shown in Table 16.

Table 16: Details of the major projects in Highlands & Islands

Heading	Local Authority	Value (£m) ¹¹	Start date	End date
Offshore Wind Farm	Highland	2,600	04/02/2020	31/01/2023
Carriageway (Dualling)	Highland	1,218	05/10/2015	27/06/2025

11. Project value being delivered in the considered local area only.

4.3. Estimate of total labour demand

As outlined in Appendix A, the known project pipeline may not include smaller projects or repair and maintenance work. Figure 9 shows the outcomes of the analysis of future labour demand. The purple area shows the labour demand arising from the new build Glenigan and NICP projects (excluding major projects). This is projected forward from the peak as shown in light blue. The grey area shows the likely labour demand arising from our estimate of new build work over and above that which is included in Glenigan. The total R&M workforce is shown in blue which includes any estimates of other R&M work not already included in Glenigan or the NICP.

The labour demand associated with the four major projects is shown in pink. No attempt is made to estimate demand by new major projects that might arise in the future.

The total construction labour demand including the volume of R&M imputed from the CSN model is 23,170 people in 2022. The projected growth between 2022 and 2026 suggest that the labour demand in 2026 will be around 23,120 people. These figures do not include the labour demand associated with the major projects which, if added to the 2022 labour demand, would bring it to 24,220 people.

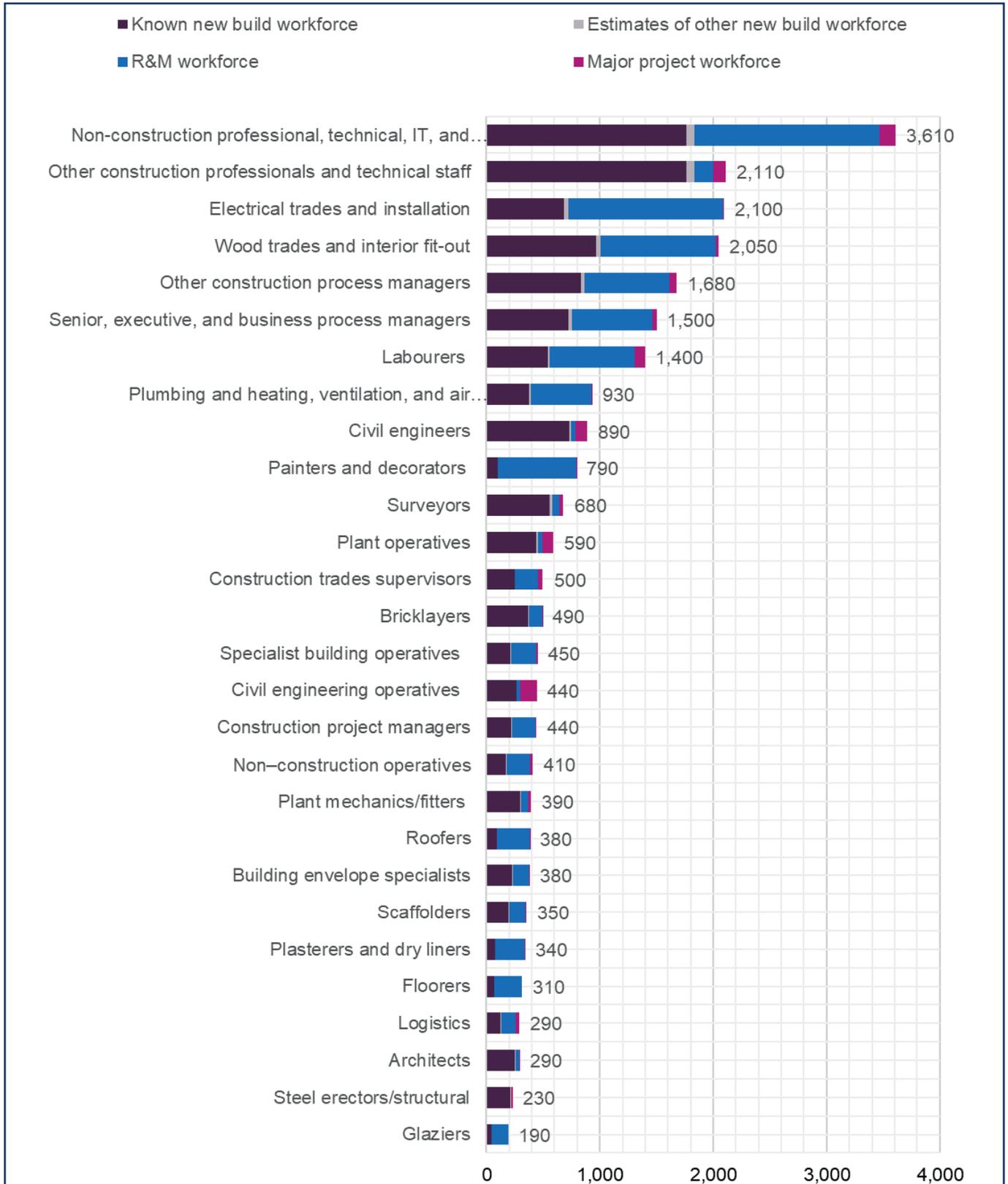
Figure 9: Total construction labour demand including estimates for both R&M and estimates of other work as well as major projects



4.3.1 Construction labour demand by occupation in 2022

For 2022 the detailed breakdown for each of the 28 occupational groups for the Glenigan and the NICP projects is shown in Figure 10. This shows the breakdown by occupation for both the pipeline of known projects (new build and R&M) and the estimates of other work.

Figure 10: Construction labour demand by occupation in 2022



4.3.2. Breakdown of labour demand by project type

Table 17 shows the labour demand generated by the known projects and the estimates of other work in 2022.

Table 17: Labour demand by work type in 2022¹²

Project Type	Labour demand from known projects (people)	Labour demand from estimates of other work (people)	Total labour demand (people)	% of total in 2022
Non-housing R&M	-	8,630	8,630	36%
Infrastructure	6,370	-	6,370	26%
New housing	2,320	130	2,450	10%
Private commercial	1,900	360	2,260	9%
Housing R&M	740	810	1,550	6%
Public non-housing	1,740	-	1,740	7%
Private industrial	1,220	-	1,220	5%
Total	14,290	9,930	24,220	100%

4.3.3. Impact of major projects on the total labour demand

Table 18 shows the labour demand generated by the known projects (major project included) and the estimates of other work in 2022 along with the impact major project have on workforce demand in 2022.

Table 18: Labour demand by work type in 2022, including major projects¹³

Project Type	Total labour demand (including major projects) (people)	Labour demand from major projects	
		People	% of total
Non-housing R&M	8,630	-	-
Infrastructure	6,370	1,050	16%
New housing	2,450	-	-
Private commercial	2,260	-	-
Housing R&M	1,550	-	-
Public non-housing	1,740	-	-
Private industrial	1,220	-	-
Total	24,220	1,050	4%

12. Due to rounding totals might not correspond to the sum of the parts.

13. Due to rounding totals might not correspond to the sum of the parts.

4.4. Summary of demand

- The labour demand arising from the construction spend in the Highlands & Islands area peaks at about 23,170 people in 2022, taking account of estimates of other work including R&M in addition to the pipeline of known projects and excluding major projects. If major projects are included in the analysis, the figure for 2022 rises to 24,220 people.
- During 2022, the most labour-intensive occupation group is Non-construction professional, technical, IT and other office-based staff with an annual demand of 3,470 people (3,610 when major projects are included).
- The estimate of the three largest labour demands in the trade occupations for 2022 are as follows:
 - The trade occupation for which demand is highest is Electrical trades and installation with 2,090 people (2,100 when major projects are included);
 - Wood trades and interior fit-out trades follow with 2,030 people (2,050 when major projects are included);
 - Labourers nec* rank third, with a demand of 1,300 people (1,400 when major projects are included).

5. Labour demand in Lanarkshire

5.1. Introduction

The following sections provide an estimate of the labour demand that construction investment will create across Lanarkshire over the period 2022-2026. The outputs, prepared using the analysis described in Appendix A, are reported along with the labour demand generated as calculated by the Labour Forecasting Tool.

The local authorities included in Lanarkshire are North Lanarkshire and South Lanarkshire.

5.2. Pipeline of known projects

5.2.1. Glenigan pipeline analysis

We have considered projects in the Glenigan database and the National Infrastructure and Construction Pipeline (NICP). These comprise what are referred to as the known projects.

The initial review of the Glenigan database identified 403 projects in the Lanarkshire area. Of these, 29 projects were removed due to missing dates. Also excluded were 10 duplicate projects. A full set of the projects which were omitted from the analysis is provided in Appendix D.

The Mean Value Theorem was applied to the remainder of the pipeline to identify the significant projects. The process identified 90 significant projects accounting

for approximately 85% of the total construction spend in the area. This allowed a detailed analysis of a large proportion of all the projects and a comprehensive consideration of the project types to which they were assigned.

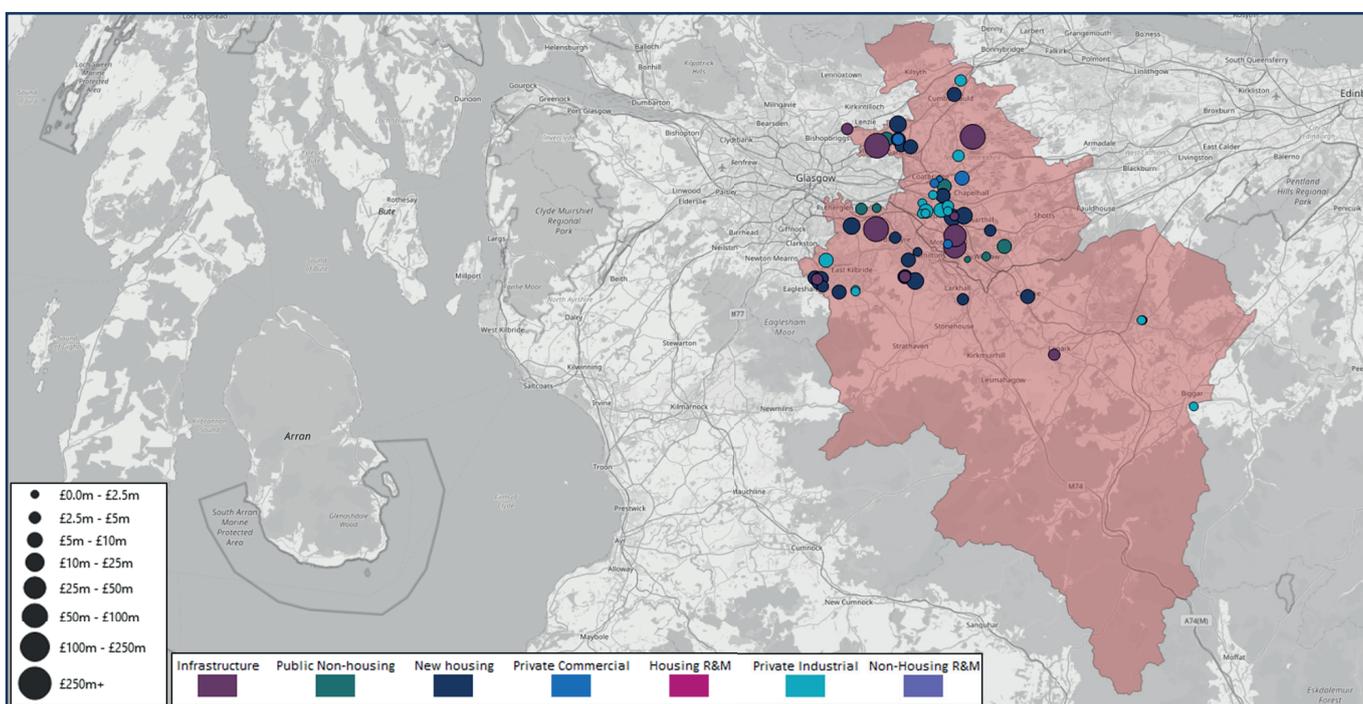
Table 19 shows the number of significant projects within the Lanarkshire area, the percentage of spend arising from the significant projects and the total spend. The construction spend shown in this table takes account of any adjustments for engineering works and any incomplete, duplicate or consultancy projects. Values are shown in 2021 prices, the base price used in the Glenigan database.

Table 19: Key data for significant projects in Glenigan in Lanarkshire¹⁴

	Number of projects	Construction spend (£m - 2021 values)
All Glenigan projects	364	3,301
Significant Glenigan projects	90	2,792
Percentage within significant projects	25%	85%

Appendix E provides a full breakdown of the significant projects and their construction values. The peak year for the Glenigan spend profile is 2022. The location of the significant projects within Lanarkshire can be seen in Figure 11. The radius of the markers is proportional to the value of the work taking place.

Figure 11: Location of significant projects included in the analysis in Lanarkshire



5.2.2. Glenigan & NICP spend analysis

Implementing the methodology outlined in Appendix A leads to the following findings for 2022.

Table 20 shows the distribution by project type of new build spend for the total pipeline of known projects in 2022.

Table 20: New-build construction spend by project type in 2022 (total defined project pipeline)

Project Type	Construction spend in 2022 (2021 values - £m)	% of total
Infrastructure	474	45%
New housing	391	37%
Public non-housing	76	7%
Private industrial	68	6%
Private commercial	51	5%
Total	1,060	100%

14. The values in this table are the values from the Glenigan pipeline to which the construction element percentage has been applied and thus reflect the adjusted values of infrastructure projects values to distinguish between construction and engineering construction.

Table 21 shows the infrastructure construction spend from the known projects in Table 20 by infrastructure sub-type.

Table 21: Construction spend by infrastructure sub-type in 2022 (total defined project pipeline)

Project Type	Construction spend in 2022 (2021 values - £m)	% of total
Transport	190	40%
General infrastructure	184	39%
Water	73	15%
Energy	26	5%
Communications	1	0%
Total	474	100%

5.2.3. Major projects

The analysis identified three projects which could be classified as major projects according to the definition given in Appendix B. Details of the three major projects are shown in Table 22

Table 22: Details of the major projects in Lanarkshire

Heading	Local Authority	Value (£m)	Start date	End date
Recycling Facility	North Lanarkshire	350	19/04/2022	01/04/2025
355 Residential Units ¹⁵	North Lanarkshire	30	21/03/2022	21/11/2022
Housing Improvements	North Lanarkshire	60	13/09/2021	12/09/2022

15. The short duration of this project may have resulted in its identification as a major project.

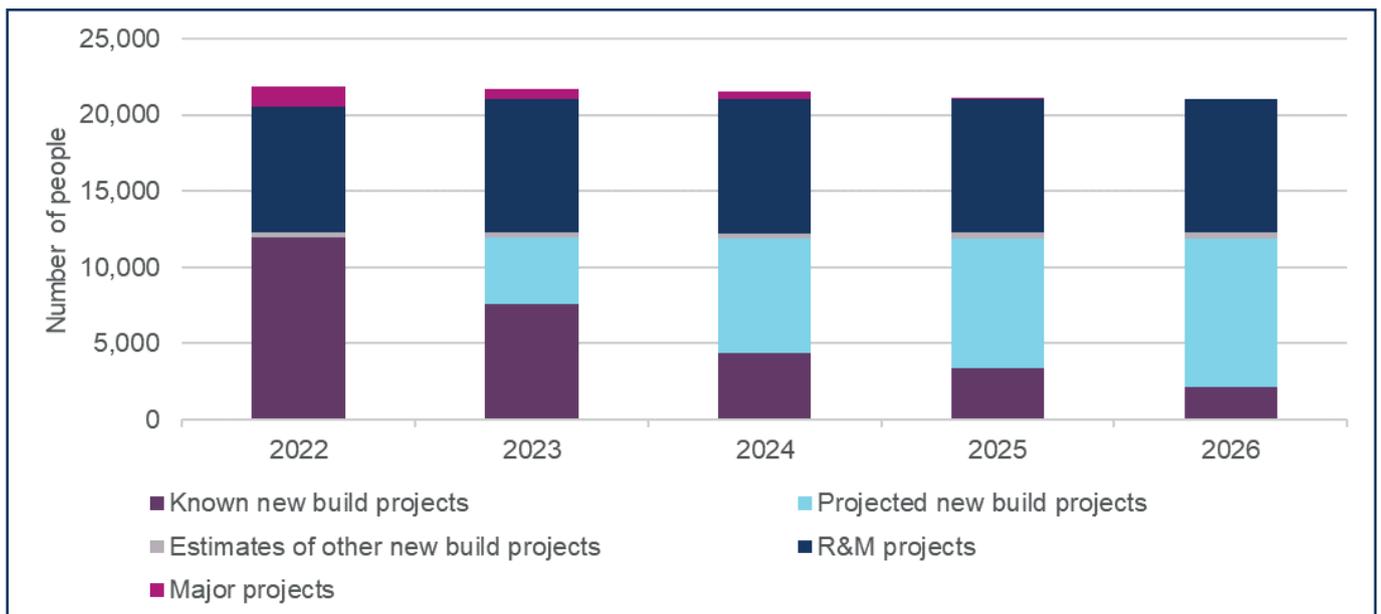
5.3. Estimate of total labour demand

As outlined in Appendix A, the known project pipeline may not include smaller projects or repair and maintenance work. Figure 12 shows the outcomes of the analysis of future labour demand. The purple area shows the labour demand arising from the new build Glenigan and NICP projects (excluding major projects). This is projected forward from the peak as shown in light blue. The grey area shows the likely labour demand arising from our estimate of new build work over and above that which is included in Glenigan. The total R&M workforce is shown in blue which includes any estimates of other R&M work not already included in Glenigan or the NICP. The labour demand associated with the four

major projects is shown in pink. No attempt is made to estimate demand by new major projects that might arise in the future.

The total construction labour demand including the volume of R&M imputed from the CSN model is 20,550 people in 2022. The projected growth between 2022 and 2026 suggest that the labour demand in 2026 will be around 21,070 people. These figures do not include the labour demand associated with the major projects which, if added to the 2022 labour demand, would bring it to 21,850 people.

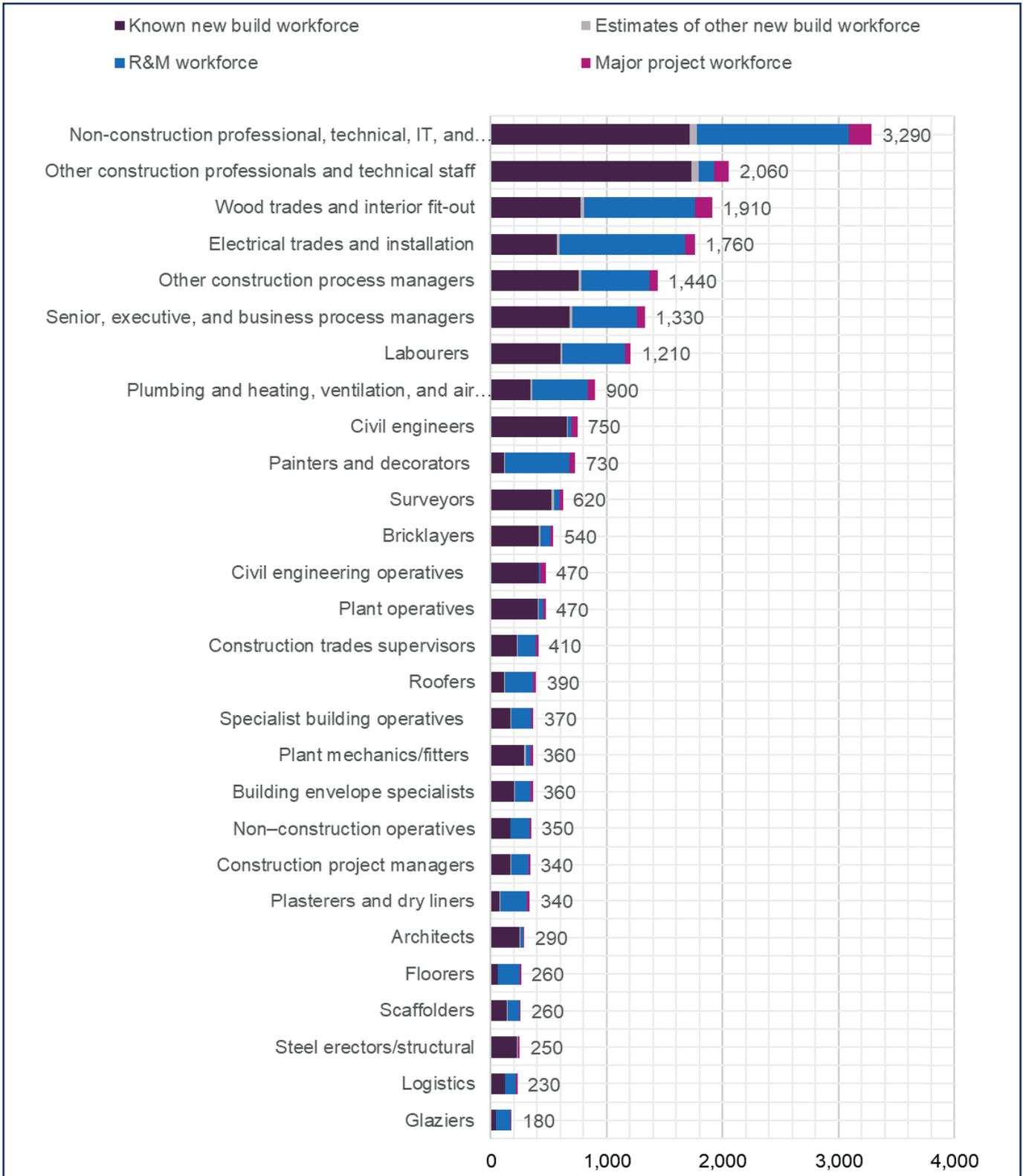
Figure 12: Total construction labour demand including estimates for both R&M and estimates of other work as well as major projects



5.3.1. Construction labour demand by occupation in 2022

For 2022 the detailed breakdown for each of the 28 occupational groups for the Glenigan and the NICP projects is shown in Figure 13. This shows the breakdown by occupation for both the pipeline of known projects (new build and R&M) and the estimates of other work.

Figure 13: Construction labour demand by occupation in 2022



5.3.2. Breakdown of labour demand by project type

Table 23 shows the labour demand generated by the known projects and the estimates of other work in 2022.

Table 23: Labour demand by work type in 2022¹⁶

Project Type	Labour demand from known projects (people)	Labour demand from estimates of other work (people)	Total labour demand (people)	% of total in 2022
Non-housing R&M	-	5,940	5,940	27%
New housing	4,460	230	4,690	21%
Infrastructure	4,660	-	4,660	21%
Housing R&M	1,380	1,630	3,010	14%
Public non-housing	1,220	-	1,220	6%
Private industrial	1,240	-	1,240	6%
Private commercial	910	180	1,090	5%
Total	13,870	7,980	21,850	100%

5.3.3. Impact of major projects on the total labour demand

Table 24 shows the labour demand generated by the known projects (major project included) and the estimates of other work in 2022 along with the impact major project have on workforce demand in 2022.

Table 24: Labour demand by work type in 2022, including major projects¹⁷

Project Type	Total labour demand (including major projects) (people)	Labour demand from major projects	
		People	% of total
Non-housing R&M	5,940	0	0%
New housing	4,690	330	7%
Infrastructure	4,660	410	9%
Housing R&M	3,010	560	19%
Public non-housing	1,220	0	0%
Private industrial	1,240	0	0%
Private commercial	1,090	0	0%
Total	21,850	1,300	6%

16. Due to rounding totals might not correspond to the sum of the parts.

17. Due to rounding totals might not correspond to the sum of the parts.

5.4 Summary of demand

- The labour demand arising from the construction spend in the Lanarkshire area peaks at about 20,550 people in 2022, taking account of estimates of other work including R&M in addition to the pipeline of known projects and excluding major projects. If major projects are included in the analysis, the figure for 2022 rises to 21,850 people.
- During 2022, the most labour-intensive occupation group is Non-construction professional, technical, IT and other office-based staff with an annual demand of 3,090 people (3,290 when major projects are included).
- The estimate of the three largest labour demands in the trade occupations for 2022 are as follows:
 - The trade occupation for which demand is highest is Wood trades and interior fit-out with 1,760 people (1,910 when major projects are included);
 - Electrical trades and installation trades follow with 1,680 people (1,760 when major projects are included);
 - Labourers nec* rank third, with a demand of 1,150 people (1,210 when major projects are included).

6. Labour demand in South East

6.1. Introduction

The following sections provide an estimate of the labour demand that construction investment will create across the South East over the period 2022-2026. The outputs, prepared using the analysis described in Appendix A, are reported along with the labour demand generated as calculated by the Labour Forecasting Tool.

The local authorities included in South East are:

- **Edinburgh**
- **East Lothian**
- **Midlothian**
- **Scottish Borders**
- **West Lothian**

6.2. Pipeline of known projects

6.2.1. Glenigan pipeline analysis

We have considered projects in the Glenigan database and the National Infrastructure and Construction Pipeline (NICP). These comprise what are referred to as the known projects.

The initial review of the Glenigan database identified 944 projects in the South East area. Of these, 66 projects were removed due to missing dates along with 18 projects which were clearly identified as consultancy projects. Also excluded were 43 duplicate projects. A full set of the projects which were omitted from the analysis is provided in Appendix D.

The Mean Value Theorem was applied to the remainder of the pipeline to identify the significant projects. The process identified 106 significant projects accounting

for approximately 92% of the total construction spend in the area. This allowed a detailed analysis of a large proportion of all the projects and a comprehensive consideration of the project types to which they were assigned.

Table 25 shows the number of significant projects within the South East area, the percentage of spend arising from the significant projects and the total spend. The construction spend shown in this table takes account of any adjustments for engineering works and any incomplete, duplicate or consultancy projects. Values are shown in 2021 prices, the base price used in the Glenigan database.

Table 25: Key data for significant projects in Glenigan in South East¹⁸

	Number of projects	Construction spend (£m - 2021 values)
All Glenigan projects	817	28,260
Significant Glenigan projects	106	25,900
Percentage within significant projects	13%	92%

Appendix E provides a full breakdown of the significant projects and their construction values. The peak year for the Glenigan spend profile is 2022. The location of the significant projects within South East can be seen in Figure 14. The radius of the markers is proportional to the value of the work taking place.

Figure 14: Location of significant projects included in the analysis in South East

6.2.2. Glenigan & NICP spend analysis

Implementing the methodology outlined in Appendix A leads to the following findings for 2022.

Table 26 shows the distribution by project type of new build spend for the total pipeline of known projects in 2022.

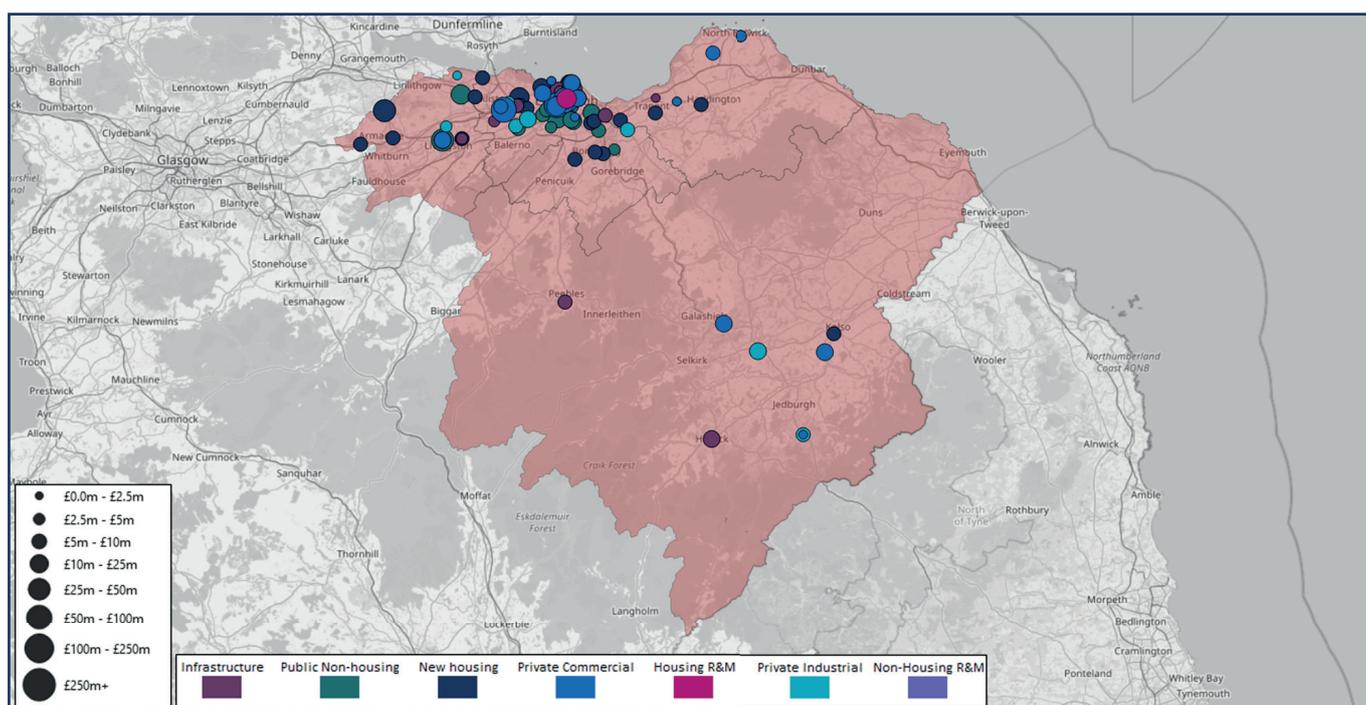


Table 26: New-build construction spend by project type in 2022 (total defined project pipeline)

Project Type	Construction spend in 2022 (2021 values - £m)	% of total
New housing	1,110	44%
Private commercial	571	23%
Infrastructure	430	17%
Public non-housing	286	11%
Private industrial	126	5%
Total	2,523	100%

18. The values in this table are the values from the Glenigan pipeline to which the construction element percentage has been applied and thus reflect the adjusted values of infrastructure projects values to distinguish between construction and engineering construction.

Table 27 shows the infrastructure construction spend from the known projects in Table 26 by infrastructure sub-type.

Table 27: Construction spend by infrastructure sub-type in 2022 (total defined project pipeline)

Project Type	Construction spend in 2022 (2021 values - £m)	% of total
Transport	184	43%
Water	121	28%
General infrastructure	76	18%
Energy	39	9%
Flooding	10	2%
Total	430	100%

6.2.3. Major projects

The analysis identified five projects which could be classified as major projects according to the definition given in Appendix B. Details of the five major projects are shown in Table 28.

Table 28: Details of the major projects in South East

Heading	Local Authority	Value (£m)	Start date	End date
152 Residential Units (Fit Out/Refurbishment)	City of Edinburgh	80	02/08/2021	26/08/2022
Commercial Redevelopment	Edinburgh	350	24/02/2020	20/02/2023
Residential / Leisure Development	Edinburgh	947	07/09/2021	09/09/2031
Hotel & Hostel (Conversion)	Edinburgh	39	26/11/2021	01/07/2022
Housing Maintenance & Repairs	Edinburgh	650	01/07/2021	29/06/2028

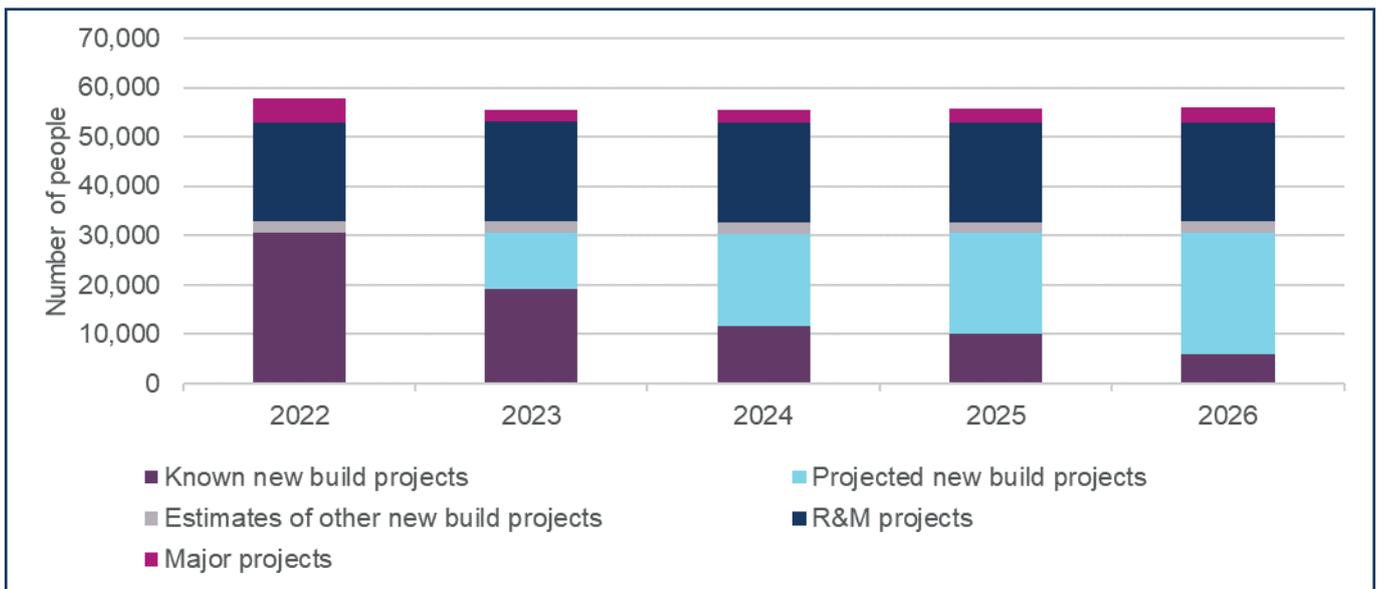
6.3. Estimate of total labour demand

As outlined in Appendix A, the known project pipeline may not include smaller projects or repair and maintenance work. Figure 15 shows the outcomes of the analysis of future labour demand. The purple area shows the labour demand arising from the new build Glenigan and NICP projects (excluding major projects). This is projected forward from the peak as shown in light blue. The grey area shows the likely labour demand arising from our estimate of new build work over and above that which is included in Glenigan. The total R&M workforce is shown in blue which includes any estimates of other R&M work not already included in Glenigan or the NICP. The labour demand associated with the four

major projects is shown in pink. No attempt is made to estimate demand by new major projects that might arise in the future.

The total construction labour demand including the volume of R&M imputed from the CSN model is 52,960 people in 2022. The projected growth between 2022 and 2026 suggest that the labour demand in 2026 will be around 53,030 people. These figures do not include the labour demand associated with the major projects which, if added to the 2022 labour demand, would bring it to 57,730 people.

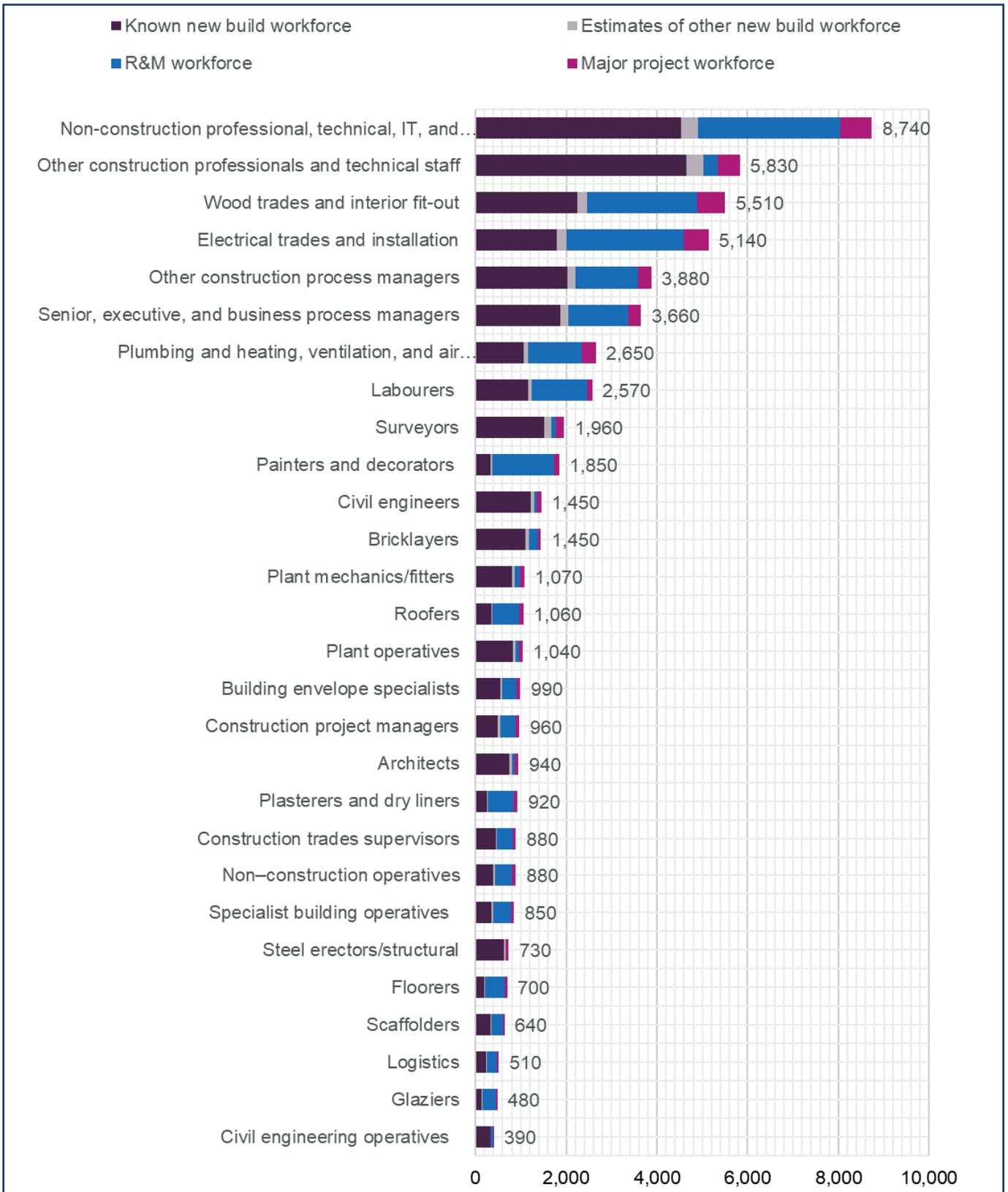
Figure 15: Total construction labour demand including estimates for both R&M and estimates of other work as well as major projects



6.3.1. Construction labour demand by occupation in 2022

For 2022 the detailed breakdown for each of the 28 occupational groups for the Glenigan and the NICP projects is shown in Figure 4. This shows the breakdown by occupation for both the pipeline of known projects (new build and R&M) and the estimates of other work.

Figure 16: Construction labour demand by occupation in 2022



6.3.2. Breakdown of labour demand by project type

Table 5 shows the labour demand generated by the known projects and the estimates of other work in 2022.

Table 29: Labour demand by work type in 2022¹⁹

Project Type	Labour demand from known projects (people)	Labour demand from estimates of other work (people)	Total labour demand (people)	% of total in 2022
Non-housing R&M	-	13,350	13,350	23%
New housing	11,640	660	12,300	21%
Private commercial	9,990	1,920	11,910	21%
Housing R&M	5,440	3,220	8,660	15%
Public non-housing	4,420	-	4,420	8%
Infrastructure	4,840	-	4,840	8%
Private industrial	2,250	-	2,250	4%
Total	38,580	19,150	57,730	100%

6.3.3. Impact of major projects on the total labour demand

Table 6 shows the labour demand generated by the known projects (major project included) and the estimates of other work in 2022 along with the impact major project have on workforce demand in 2022.

Table 30: Labour demand by work type in 2022, including major projects²⁰

Project Type	Total labour demand (including major projects) (people)	Labour demand from major projects	
		People	% of total
Non-housing R&M	13,350	-	-
New housing	12,300	600	5%
Private commercial	11,910	2,600	22%
Housing R&M	8,660	1,570	18%
Public non-housing	4,420	-	-
Infrastructure	4,840	-	-
Private industrial	2,250	-	-
Total	57,730	4,770	8%

19. Due to rounding totals might not correspond to the sum of the parts.

20. Due to rounding totals might not correspond to the sum of the parts.

6.4. Summary of demand

- The labour demand arising from the construction spend in the South East area peaks at about 52,920 people in 2022, taking account of estimates of other work including R&M in addition to the pipeline of known projects and excluding major projects. If major projects are included in the analysis, the figure for 2022 rises to 57,730 people
- During 2022, the most labour-intensive occupation group is Non-construction professional, technical, IT and other office-based staff with an annual demand of 8,050 people (8,740 when major projects are included).
- The estimate of the three largest labour demands in the trade occupations for 2022 are as follows:
 - The trade occupation for which demand is highest is Wood trades and interior fit-out with 4,880 people (5,510 when major projects are included);
 - Electrical trades and installation trades follow with 4,590 people (5,140 when major projects are included);
 - Plumbing and heating, ventilation, and air conditioning trades rank third, with a demand of 2,340 people (2,650 when major projects are included).

7. Labour demand in South West

7.1. Introduction

The following sections provide an estimate of the labour demand that construction investment will create across the South West over the period 2022-2026. The outputs, prepared using the analysis described in Appendix A, are reported along with the labour demand generated as calculated by the Labour Forecasting Tool.

The local authorities included in South West area are:

- Dumfries & Galloway
- East Ayrshire
- North Ayrshire
- South Ayrshire

7.2. Pipeline of known projects

7.2.1. Glenigan pipeline analysis

We have considered projects in the Glenigan database and the National Infrastructure and Construction Pipeline (NICP). These comprise what are referred to as the known projects.

The initial review of the Glenigan database identified 407 projects in the South West area. Of these, 40 projects were removed due to missing dates along with 11 projects which were clearly identified as consultancy projects. Also excluded was one duplicate project. A full set of the projects which were omitted from the analysis is provided in Appendix D.

The Mean Value Theorem was applied to the remainder of the pipeline to identify the significant projects. The

process identified 76 significant projects accounting for approximately 73% of the total construction spend in the area. This allowed a detailed analysis of a large proportion of all the projects and a comprehensive consideration of the project types to which they were assigned.

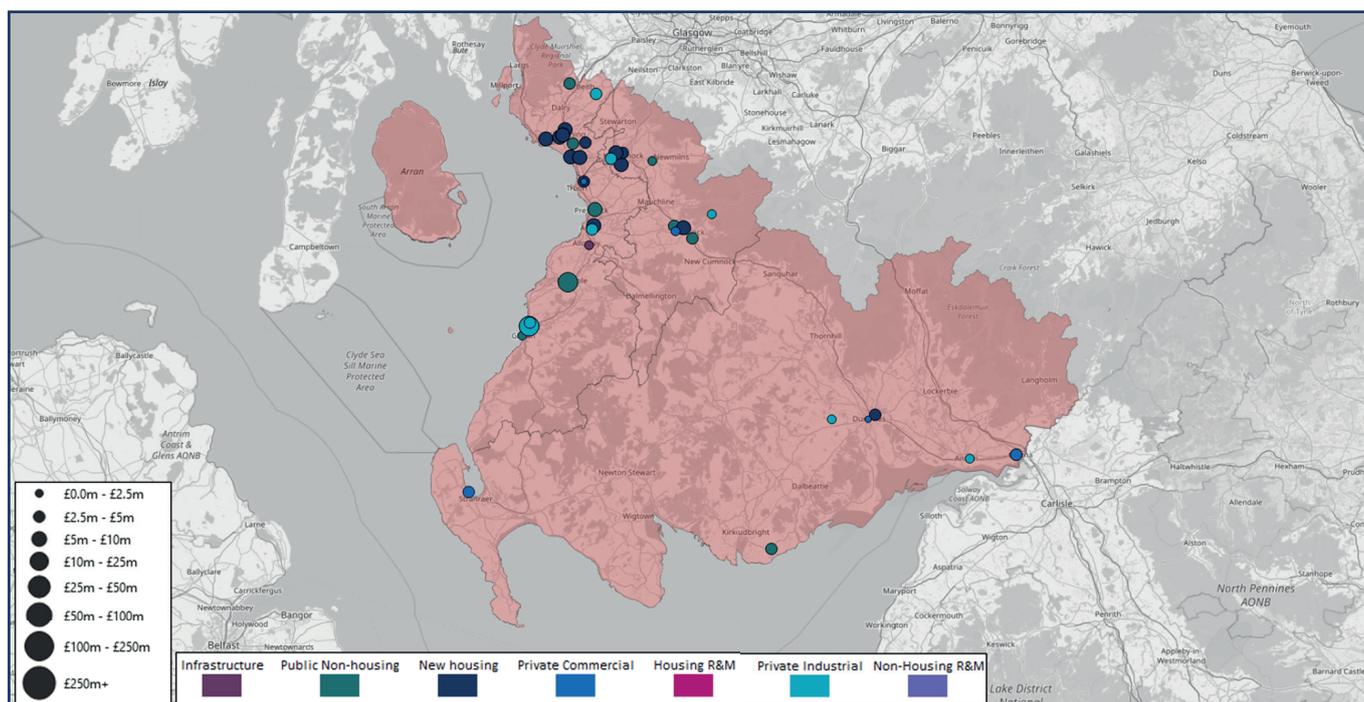
Table 1 shows the number of significant projects within the South West area, the percentage of spend arising from the significant projects and the total spend. The construction spend shown in this table takes account of any adjustments for engineering works and any incomplete, duplicate or consultancy projects. Values are shown in 2021 prices, the base price used in the Glenigan database.

Table 31: Key data for significant projects in Glenigan in the South West²¹

	Number of projects	Construction spend (£m - 2021 values)
All Glenigan projects	355	1,292
Significant Glenigan projects	76	943
Percentage within significant projects	21%	73%

Appendix E provides a full breakdown of the significant projects and their construction values. The peak year for the Glenigan spend profile is 2022. The location of the significant projects within the South West can be seen in Figure 17. The radius of the markers is proportional to the value of the work taking place.

Figure 17: Location of significant projects included in the analysis in the South West



7.2.2. Glenigan & NICP spend analysis

Implementing the methodology outlined in Appendix A leads to the following findings for 2022.

Table 2 shows the distribution by project type of new build spend for the total pipeline of known projects in 2022.

Table 32: New-build construction spend by project type in 2022 (total defined project pipeline)

Project Type	Construction spend in 2022 (2021 values - £m)	% of total
Infrastructure	272	38%
New housing	249	35%
Public non-housing	78	11%
Private industrial	63	9%
Private commercial	55	8%
Total	717	100%

Table 3 shows the infrastructure construction spend from the known projects in Table 32 by infrastructure sub-type.

21. The values in this table are the values from the Glenigan pipeline to which the construction element percentage has been applied and thus reflect the adjusted values of infrastructure projects values to distinguish between construction and engineering construction.

Table 33: Construction spend by infrastructure sub-type in 2022 (total defined project pipeline)

Project Type	Construction spend in 2022 (2021 values - £m)	% of total
Transport	92	34%
General infrastructure	92	34%
Water	58	21%
Energy	25	9%
Flooding	5	2%
Total	272	100%

7.2.3. Major projects

The analysis identified one project which could be classified as major project according to the definition given in Appendix B. Details of the major project are shown in Table 34.

Table 34: Details of the major projects in South West

Heading	Local Authority	Value (£m)	Start date	End date
18 Warehouses (with associated infrastructure) ²²	South Ayrshire	127	14/02/2022	22/08/2022

22. The short duration of this project may have resulted in its identification as a major project.

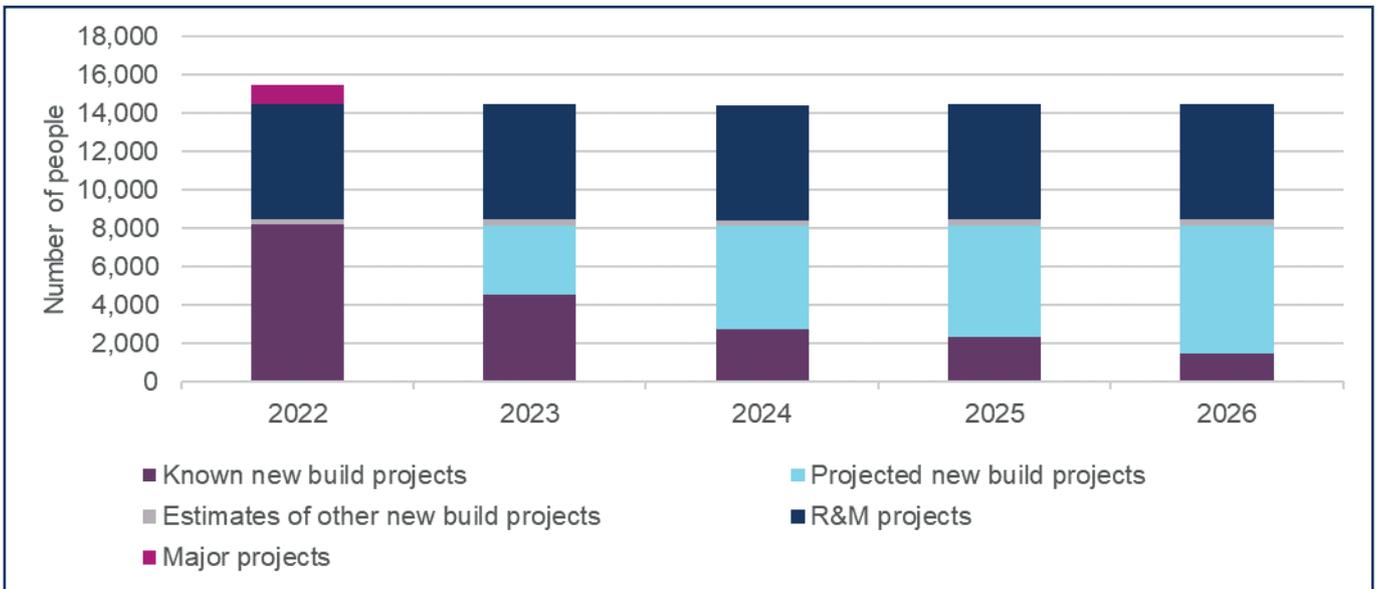
7.3. Estimate of total labour demand

As outlined in Appendix A, the known project pipeline may not include smaller projects or repair and maintenance work. Figure 3 shows the outcomes of the analysis of future labour demand. The purple area shows the labour demand arising from the new build Glenigan and NICP projects (excluding major projects). This is projected forward from the peak as shown in light blue. The grey area shows the likely labour demand arising from our estimate of new build work over and above that which is included in Glenigan. The total R&M workforce is shown in blue which includes any estimates of other R&M work not already included in Glenigan or the NICP. The labour demand associated with the four

major projects is shown in pink. No attempt is made to estimate demand by new major projects that might arise in the future.

The total construction labour demand including the volume of R&M imputed from the CSN model is 14,450 people in 2022. The projected growth between 2022 and 2026 suggest that the labour demand in 2026 will be around 14,420 people. These figures do not include the labour demand associated with the major projects which, if added to the 2022 labour demand, would bring it to 15,490 people.

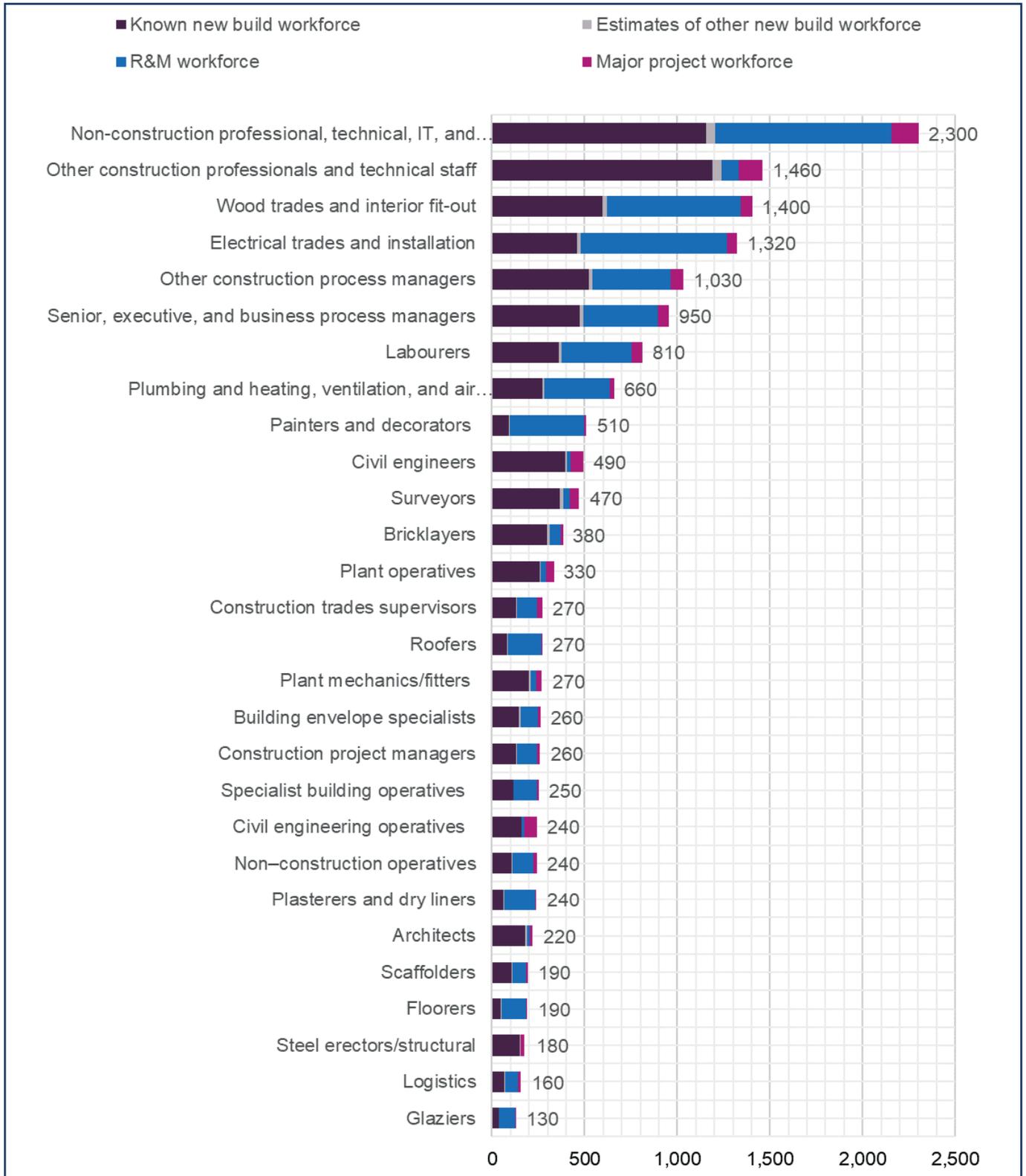
Figure 18: Total construction labour demand including estimates for both R&M and estimates of other work as well as major projects



7.3.1. Construction labour demand by occupation in 2022

For 2022 the detailed breakdown for each of the 28 occupational groups for the Glenigan and the NICP projects is shown in Figure 4. This shows the breakdown by occupation for both the pipeline of known projects (new build and R&M) and the estimates of other work.

Figure 19: Construction labour demand by occupation in 2022



7.3.2. Breakdown of labour demand by project type

Table 5 shows the labour demand generated by the known projects and the estimates of other work in 2022.

Table 35: Labour demand by work type in 2022²³

Project Type	Labour demand from known projects (people)	Labour demand from estimates of other work (people)	Total labour demand (people)	% of total in 2022
Non-housing R&M	-	4,200	4,200	27%
New housing	2,830	150	2,980	19%
Infrastructure	2,850	-	2,850	18%
Housing R&M	830	1,080	1,910	12%
Public non-housing	1,240	-	1,240	8%
Private commercial	990	190	1,180	8%
Private industrial	1,130	-	1,130	7%
Total	9,870	5,620	15,490	100%

7.3.3. Impact of major projects on the total labour demand

Table 6 shows the labour demand generated by the known projects and the estimates of other work in 2022 along with the impact major project have on workforce demand in 2022.

Table 36: Labour demand by work type in 2022, including major projects²⁴

Project Type	Total labour demand (including major projects) (people)	Labour demand from major projects	
		People	% of total
Non-housing R&M	4,200	-	-
New housing	2,980	-	-
Infrastructure	2,850	410	14%
Housing R&M	1,910	-	-
Public non-housing	1,240	-	-
Private commercial	1,180	-	-
Private industrial	1,130	630	56%
Total	15,490	1,040	7%

23. Due to rounding totals might not correspond to the sum of the parts.

24. Due to rounding totals might not correspond to the sum of the parts.

7.4. Summary of demand

- The labour demand arising from the construction spend in the South West area peaks at about 14,450 people in 2022, taking account of estimates of other work including R&M in addition to the pipeline of known projects and excluding major projects. If major projects are included in the analysis, the figure for 2022 rises to 15,490 people.
- During 2022, the most labour-intensive occupation group is Non-construction professional, technical, IT and other office-based staff with an annual demand of 2,150 people (2,300 when major projects are included).
- The estimate of the three largest labour demands in the trade occupations for 2022 are as follows:
 - The trade occupation for which demand is highest is Wood trades and interior fit-out with 1,340 people (1,400 when major projects are included);
 - The Electrical trades and installation trade follows with 1,270 people (1,320 when major projects are included);
 - Labourers nec* rank third, with a demand of 750 people (810 when major projects are included).

8. Labour demand in Tayside, Forth & Fife

8.1. Introduction

The following sections provide an estimate of the labour demand that construction investment will create across Tayside, Forth & Fife over the period 2022-2026. The outputs, prepared using the analysis described in Appendix A, are reported along with the labour demand generated as calculated by the Labour Forecasting Tool.

The local authorities included in Tayside, Forth & Fife are:

- Angus
- Clackmannan
- Dundee
- Falkirk
- Fife
- Perth & Kinross
- Stirling

8.2. Pipeline of known projects

8.2.1. Glenigan pipeline analysis

We have considered projects in the Glenigan database and the National Infrastructure and Construction Pipeline (NICP). These comprise what are referred to as the known projects.

The initial review of the Glenigan database identified 788 projects in the Tayside, Forth & Fife area. Of these, 72 projects were removed due to missing dates along with 11 projects which were clearly identified as consultancy projects. Also excluded 20 duplicate projects. A full set of the projects which were omitted from the analysis is provided in Appendix D.

The Mean Value Theorem was applied to the remainder of the pipeline to identify the significant projects. The

process identified 144 significant projects accounting for approximately 86% of the total construction spend in the area. This allowed a detailed analysis of a large proportion of all the projects and a comprehensive consideration of the project types to which they were assigned.

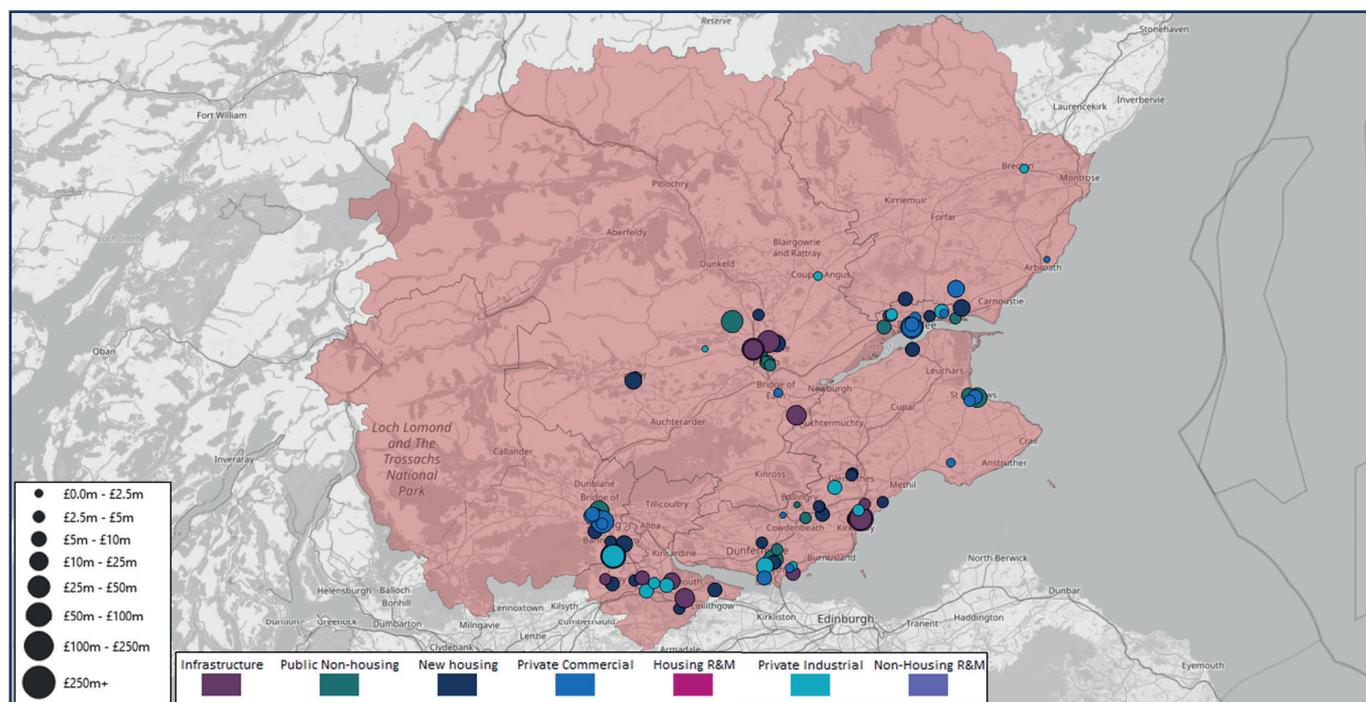
Table 1 shows the number of significant projects within the Tayside, Forth & Fife area, the percentage of spend arising from the significant projects and the total spend. The construction spend shown in this table takes account of any adjustments for engineering works and any incomplete, duplicate or consultancy projects. Values are shown in 2021 prices, the base price used in the Glenigan database.

Table 37: Key data for significant projects in Glenigan in the Tayside, Forth & Fife²⁵

	Number of projects	Construction spend (£m - 2021 values)
All Glenigan projects	685	5,657
Significant Glenigan projects	144	4,848
Percentage within significant projects	21%	86%

Appendix E provides a full breakdown of the significant projects and their construction values. The peak year for the Glenigan spend profile is 2022. The location of the significant projects within the South West can be seen in Figure 17. The radius of the markers is proportional to the value of the work taking place.

Figure 20: Location of significant projects included in the analysis in the Tayside, Forth & Fife



8.2.2. Glenigan & NICE spend analysis

Implementing the methodology outlined in Appendix A leads to the following findings for 2022.

Table 2 shows the distribution by project type of new build spend for the total pipeline of known projects in 2022.

Table 38: New-build construction spend by project type in 2022 (total defined project pipeline)

Project Type	Construction spend in 2022 (2021 values - £m)	% of total
Infrastructure	735	42%
New housing	525	30%
Public non-housing	221	13%
Private commercial	175	10%
Private industrial	80	5%
Total	1,736	100%

Table 3 shows the infrastructure construction spend from the known projects in Table 38 by infrastructure sub-type.

25. The values in this table are the values from the Glenigan pipeline to which the construction element percentage has been applied and thus reflect the adjusted values of infrastructure projects values to distinguish between construction and engineering construction.

Table 39: Construction spend by infrastructure sub-type in 2022 (total defined project pipeline)

Project Type	Construction spend in 2022 (2021 values - £m)	% of total
Energy	241	33%
General infrastructure	212	29%
Transport	160	22%
Water	117	16%
Flooding	4	1%
Mining	1	0%
Total	735	100%

8.2.3. Major projects

The analysis identified two project which could be classified as major project according to the definition given in Appendix B. Details of the two major projects are shown in Table 40.

Table 40: Details of the major projects in Tayside, Forth & Fife

Heading	Local Authority	Value (£m) ²⁶	Start date	End date
Commercial & Residential	Dundee	500	09/11/2015	10/11/2025
Offshore Wind Farm Development	Fife	3,906	09/11/2020	10/11/2025

26. Project value being delivered in the considered local area only.

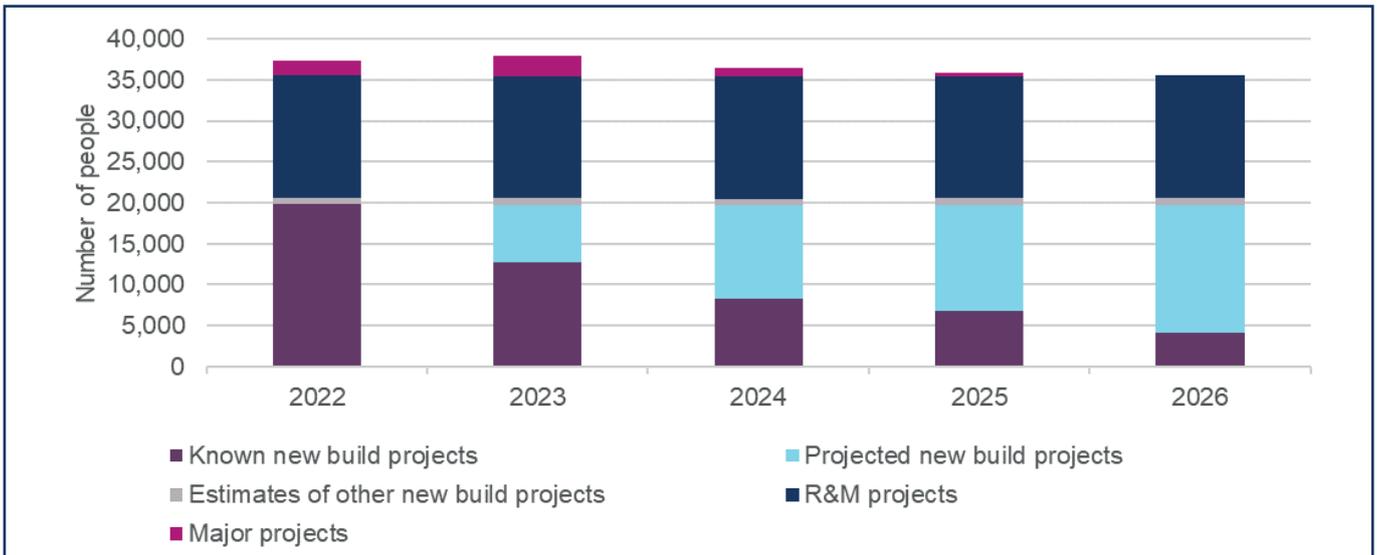
8.3 Estimate of total labour demand

As outlined in Appendix A, the known project pipeline may not include smaller projects or repair and maintenance work. Figure 21 shows the outcomes of the analysis of future labour demand. The purple area shows the labour demand arising from the new build Glenigan and NICP projects (excluding major projects). This is projected forward from the peak as shown in light blue. The grey area shows the likely labour demand arising from our estimate of new build work over and above that which is included in Glenigan. The total R&M workforce is shown in blue which includes any estimates of other R&M work not already included in Glenigan or the NICP. The labour demand associated with the four

major projects is shown in pink. No attempt is made to estimate demand by new major projects that might arise in the future.

The total construction labour demand including the volume of R&M imputed from the CSN model is 35,620 people in 2022. The projected growth between 2022 and 2026 suggest that the labour demand in 2026 will be around 35,540 people. These figures do not include the labour demand associated with the major projects which, if added to the 2022 labour demand, would bring it to 37,280 people.

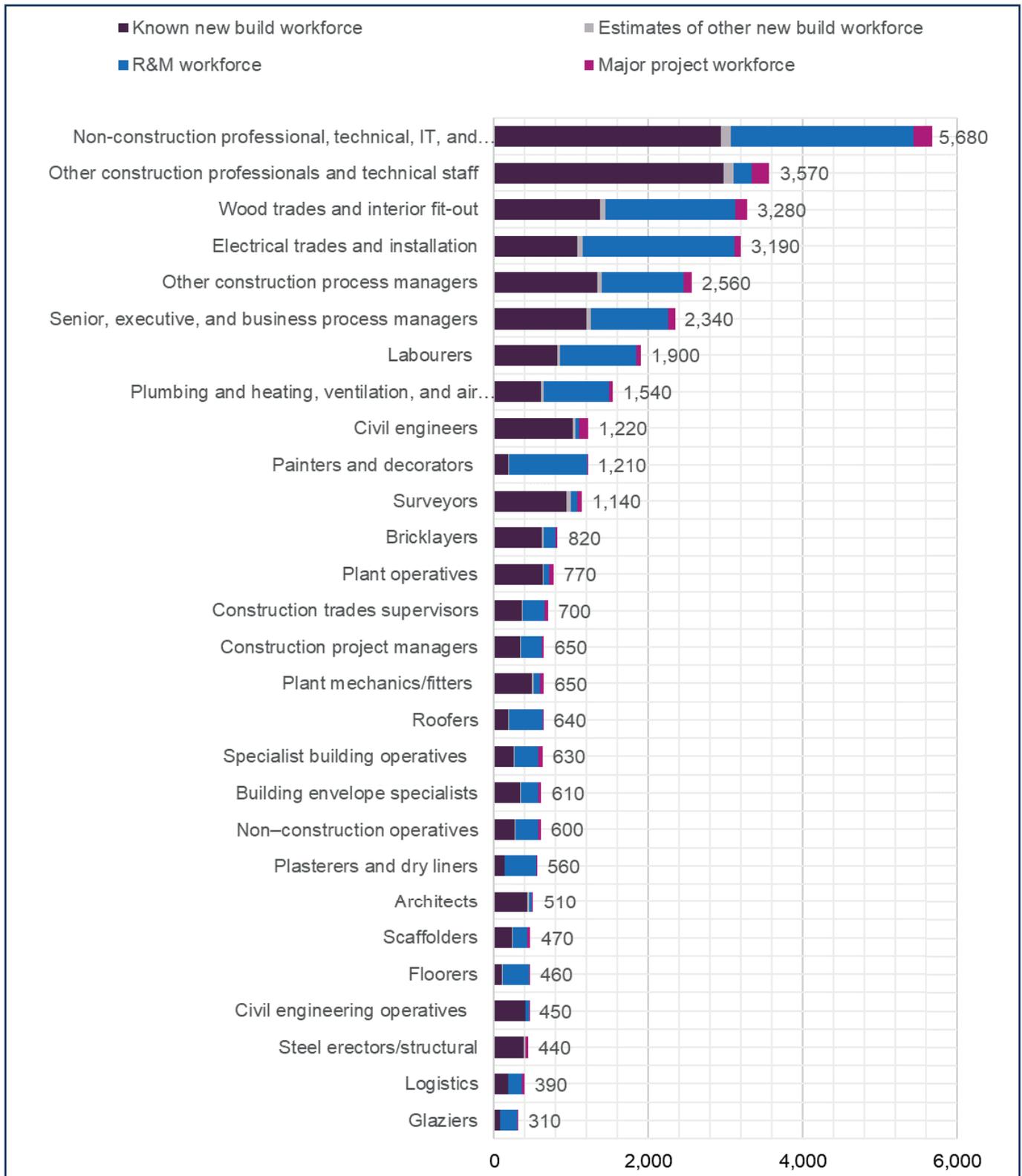
Figure 21: Total construction labour demand including estimates for both R&M and estimates of other work as well as major projects



8.3.1. Construction labour demand by occupation in 2022

For 2022 the detailed breakdown for each of the 28 occupational groups for the Glenigan and the NICP projects is shown in Figure 4. This shows the breakdown by occupation for both the pipeline of known projects (new build and R&M) and the estimates of other work.

Figure 22: Construction labour demand by occupation in 2022



8.3.2. Breakdown of labour demand by project type

Table 5 shows the labour demand generated by the known projects and the estimates of other work in 2022.

Table 41: Labour demand by work type in 2022²⁷

Project Type	Labour demand from known projects (people)	Labour demand from estimates of other work (people)	Total labour demand (people)	% of total in 2022
Non-housing R&M	-	11,160	11,160	30%
Infrastructure	7,100	-	7,100	19%
New housing	5,650	320	5,970	16%
Housing R&M	1,730	2,330	4,060	11%
Public non-housing	3,650	-	3,650	10%
Private commercial	3,310	600	3,910	10%
Private industrial	1,430	-	1,430	4%
Total	22,870	14,410	37,280	100%

8.3.3. Impact of major projects on the total labour demand

Table 6 shows the labour demand generated by the known projects and the estimates of other work in 2022 along with the impact major project have on workforce demand in 2022.

Table 42: Labour demand by work type in 2022, including major projects²⁸

Project Type	Total labour demand (including major projects) (people)	Labour demand from major projects	
		People	% of total
Non-housing R&M	11,160	-	-
Infrastructure	7,100	1,070	15%
New housing	5,970	170	3%
Housing R&M	4,060	-	-
Public non-housing	3,650	100	3%
Private commercial	3,910	320	8%
Private industrial	1,430	-	-
Total	37,280	1,660	4%

8.4. Summary of demand

- The labour demand arising from the construction spend in the Tayside, Forth & Fife area peaks at about 35,610 people in 2022, taking account of estimates of other work including R&M in addition to the pipeline of known projects and excluding major projects. If major projects are included in the analysis, the figure for 2022 rises to 37,380 people.
- During 2022, the most labour-intensive occupation group is Non-construction professional, technical, IT and other office-based staff with an annual demand of 5,430 people (5,680 when major projects are included).
- The estimate of the three largest labour demands in the trade occupations for 2022 are as follows:
 - The trade occupation for which demand is highest is Wood trades and interior fit-out with 3,130 people (3,280 when major projects are included);
 - The Electrical trades and installation trade follows with 3,110 people (3,190 when major projects are included);
 - Labourers nec* rank third, with a demand of 1,840 people (1,900 when major projects are included).

27. Due to rounding totals might not correspond to the sum of the parts.

28. Due to rounding totals might not correspond to the sum of the parts.

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Appendix A. Demand analysis methodology

Introduction

The Construction Skills Network (CSN) provides labour market intelligence for the construction industry. Developed by Experian on behalf of CITB it forecasts labour demand in each of 12 UK regions and provides forecasts of how the industry will change year on year. It is not designed however to predict labour demand at a sub-regional level. For this purpose, we use our prize-winning Labour Forecasting Tool (LFT) developed on behalf of CITB. Labour demand is calculated by converting the volume of construction activity forecast to take place in any geographical region into forecast labour demand using labour coefficients (the number of person years required to produce £1m of output). For the sake of consistency with ONS terminology the 'volume of activity' is referred to as 'output' throughout this report.

The following sections describe:

- the sources of data we use;
- how the output is calculated;
- how we deal with the absence of comprehensive data that is the typical situation beyond the first year or two of our analysis;
- how we reconcile any differences between the results produced by the LFT and those produced by the CSN;
- the steps we take to deal with any shortcomings in the sources of data; and
- how the LFT converts output into labour demand.

Calculating construction output

Data sources

There are two principal sources of data: the Glenigan database and the National Infrastructure and Construction Pipeline (NICP).

Glenigan

The original purpose of the Glenigan database is to allow contractors to identify leads and to carry out construction market analysis. It is updated every quarter to provide details of planning applications from local authorities supplemented with additional project-specific data. Of particular relevance to this report, it provides a description of each project, its name, location, value, and in most cases, projected start and end dates. It contains many tens of thousands of projects. The Glenigan pipeline does not identify every single project in an area: projects which are small (typically but not exclusively those less than £250,000 in value), and most that involve repair and maintenance are not included.

We have used the latest available cut of Glenigan data excluding those projects which are already complete. We have included in our analysis only those projects shown to be at the following planning stages because there is a reasonable probability that these projects will be realised in practice.

- Planning not required
- Detail plans granted
- Reserved matters granted
- Application for reserved matters
- Plans approved on appeal
- Listed building consent

The values of some infrastructure projects given in the Glenigan database are the total value of construction and engineering works. In these cases, since the scope of this study is limited to the construction sector, an estimate of the engineering value has been calculated and subtracted from the total value. This provides what we have termed the construction value. The percentages applied to the total value of each infrastructure project

type to derive the construction value are shown in Table A1. The construction/engineering proportions have been validated through work we have undertaken for other clients and have been used in the production of Infrastructure UK's National Infrastructure Plan for Skills and the Construction Skills Network forecasts.

An initial review of the projects in the pipeline is carried out to ensure that only projects which have (a) a defined value and (b) defined start and end dates, are considered in the analysis, and that no projects are duplicated. For example "major leads" and "frameworks" may include smaller projects that are separately identified in the database.

Because of the size of the database, it is impossible to review the details of every project. Instead, we identify the small number of projects that represent the greatest value, the so-called significant projects. To do this, we use the Mean Value Theorem developed at the University of Dundee which states that maximum information from any set of data is obtained simply by considering the data whose value is greater than the average. This is a version of the Pareto rule which suggests that 80% of the value in a data set is contained within the 20% of items whose value is the greatest. The significant projects are then thoroughly inspected to make sure that the information reported in the Glenigan database is consistent and accurate as far as can be ascertained. Any anomalies are resolved, if necessary by returning to the source of the data. Since this process typically picks up the projects whose value represents 80% of the total, the scope for any errors in the remaining data to have a significant impact is severely limited.

Table A1: Proportion of total value related to construction

Infrastructure type	Sub-type	Construction value as a proportion of total value
Flooding	Flooding	90%
Transport	Bridges	100%
	Road tunnel	100%
	Roads	100%
	Air traffic control	100%
	Airports	100%
	Ports	90%
	Stations (underground/Network Rail)	80%
	Mixed rail	55%
	Electrification	35%
	Underground/DLR (not incl. stations)	35%
	Rail maintenance	10%
	Trams	55%
	Contactless ticketing	20%
Water	Water/wastewater treatment works	90%
Communications	Broadband/Digital infrastructure	20%
Energy	Photovoltaics	80%
	Generation (biomass)	50%
	Generation (energy from Waste)	50%
	Generation (nuclear)	50%
	Undefined electricity generation	40%
	Generation (fossil fuel)	25%
	Generation (renewables - offshore)	20%
	Generation (renewables - onshore)	10%
	Gas Transmission/distribution	30%
	Electricity transmission/distribution	25%
	Interconnectors	20%
	Nuclear decommissioning	60%
	Smart meters	0%
	Oil and gas	10%
Mining	Mining	80%
General infrastructure	General infrastructure	100%

For the significant projects, the project descriptions in the database are assigned the most appropriate project type to be used when the data is input to the LFT (each type is driven by a different underlying model). Cases where a project consists of more than one type are broken down into multiple forecasts which are assigned specific project types to more closely predict the labour demand. This takes account of the different types of work which may exist within a single project, e.g. mixed developments comprising residential, commercial and industrial buildings. For the non-significant projects, the default project type defined in the Glenigan pipeline is applied.

In order to maintain consistency with the CSN we have limited our forecast to the same time period as the most recently published CSN forecast.

National Infrastructure and Construction Pipeline data

The Infrastructure and Projects Authority compiles a pipeline of UK infrastructure and construction projects and the associated annual public and private investment.

We examine the National Infrastructure and Construction Pipeline (NICP) data to identify infrastructure projects or programmes of work taking place in the region under consideration that are not included in the Glenigan database. The construction cost is calculated from the total cost reported in the NICP using the percentages in Table A1. Projects in the Glenigan dataset and the NICP are combined (ensuring

that there is no double counting) to create a pipeline of 'known' projects for the area. We have only considered those projects which are specifically allocated to Scotland in the NICP (i.e. projects at a national level have not been considered).

The pipeline includes both construction and infrastructure projects but for the purposes of this analysis we have included only projects which are clearly defined, specific projects rather than regional programmes of work. This reduces the risk of double counting in the Glenigan data.

Construction Skills Network (CSN) data

The CSN model produced by Experian also uses Glenigan as a major source of data relating to the volume of construction activity in the UK. Experian supplement the Glenigan data with market intelligence collected by a variety of means including a series of 'Observatories' held every six months in each region, at which representatives of the industry are invited to comment on the validity of Experian's data and findings. In Experian's annual CSN report, their estimate of the output in each of the following sectors is published:

- Public housing
- Private housing
- Infrastructure
- Public non-housing
- Industrial
- Commercial
- Housing repair and maintenance
- Non-housing repair and maintenance

Aligning the Glenigan pipeline with CSN output

The following process is undertaken to ensure that the value of work in the Glenigan pipeline is aligned with output as measured by the CSN.

1. Considering the UK region within which the local area lies, identify only the new build in the known projects by removing all repair and maintenance projects.
2. Compare the output identified in the known projects as new build at the regional level with the CSN new build at the regional level sector by sector e.g. residential, non-residential, infrastructure etc.
3. If in any sector the known new-build regional output for the peak year is more or less than that forecast by the CSN for the same year then the value of each new build known project is factored by the following ratio:

$$\frac{\text{Value of CSN new build at regional level for given sector}}{\text{Value of known new build projects at regional level for given sector}}$$

The outputs calculated in this way are referred to as 'factored new build outputs'

This process takes account of both projects (typically less than £250k in value) not included in the known projects and those whose value or probability of realisation is over-optimistic.

4. To take account of housing repair and maintenance (R&M) at the local area level, it is assumed that the proportion of the total output represented by housing R&M is the same at the local area level as it is at the regional level in the CSN. The Glenigan new build factored housing output is therefore multiplied by the following ratio:

$$\frac{\text{Value of CSN housing R\&M at regional level}}{\text{Value of CSN new build housing at regional level}}$$

to derive the output in housing R&M to be added to the factored new build output

5. The non-housing R&M to be added to the factored new build non-housing output is calculated in a similar way.

Dealing with the 'cliff edge'

As the time horizon extends there is less clarity on what is planned. As a result, the number of known projects declines the further into the future we look. This apparently declining workload is highly unlikely to reflect the total amount of work that will take place in the future. It is almost certain that there will be additional projects that come on stream which are yet to be identified. To overcome this 'cliff edge' effect we assume, based on an analysis of historical data, that the future workforce is approximately equal to the peak. It should be noted that the peak labour demand refers to the current "snapshot" of the scheduled construction spend. It is prudent to expect that, should the investment in future years follow the same pattern, the peak labour

demand figures are likely to be roughly similar assuming the mix of projects remains consistent. The peak has, therefore, been extrapolated forwards to create a more likely scenario of the ongoing workforce by reflecting the employment growth rate based on the CSN employment forecast for the whole of Scotland.

A consequence of this approach is the implicit assumption that the proportions of people in each occupation in the additional projects remain unchanged year on year.

Calculating total labour demand

Our Labour Forecasting Tool is used to determine the labour demand generated by the construction outputs in the peak year. The LFT can determine the labour demand generated by a pipeline of construction projects given only the project types, their start and end dates and their locations. It quantifies the month-by-month demand in each of the 28 occupational groups shown in Appendix C. To do this, it uses labour coefficients (person years to produce £1m of output) derived from historical ONS data. The labour coefficients are updated annually as new data becomes available, and indexed to take account of different locations and changes in prices.

There are different labour coefficients for each occupation and for each of the following project types:

- residential
- non-residential
- infrastructure
- residential R&M
- non-residential R&M

Infrastructure projects can be broken down into the types shown in Table A1.

Appendix B. Major projects methodology

Introduction

A major project is an outlier among the projects contributing to the spend peak of a selected local area in a selected data cut. We have defined the threshold beyond which a project contributing to the spend peak is considered an outlier and hence a major project as follows:

$$\textit{Threshold} = \mu + 3\sigma$$

(Eq. 1)

where μ is the mean monthly spend of projects contributing to the peak spend of the selected local area, and σ the associated standard deviation.

Identifying major projects

The following steps describe how major projects are identified.

Step 1: The monthly spend for each project is calculated based on its duration and indexed construction value. Projects' start and end dates are used for determining their duration.

Step 2: The quarterly spend profile for each project is determined assuming a uniform spend across their whole duration.

Step 3: The quarterly spend profile for a local area is calculated by adding up the quarterly spend profile of each project in the quarter in which the spend peaks.

Step 4: The start and end dates of projects contributing to the peak are identified and a list of such projects generated.

Step 5: The average monthly spend of projects contributing to the peak is calculated along with the associated standard deviation.

Step 6: A threshold is calculated in accordance with Equation 1. This is the "major projects' threshold value" for the selected local area, for the selected data cut.

Step 7: Projects contributing to the peak whose monthly spend is above the threshold calculated in Step 6 are identified as major projects. Professional judgement and local knowledge are needed to identify major projects in respect of the type of project (building or infrastructure) and a) those that lie just above or below the threshold, b) those that are classed as framework contracts, and c) those that are derived from the NICP and projects spanning more than one region or area.

Appendix C. Occupational definitions

Reference is made in this report to a range of occupational aggregates for construction occupations. This appendix contains details of the 166 individual occupations which are aggregated into 28 occupational aggregates.

Table C1: Occupation definitions

Occupations included within construction occupational aggregates (Four-digit codes refer to Office for National Statistics Standard Occupational Classification Codes).	
1 Senior, executive, and business process managers²⁹	
(1115) Chief executives and senior officials	(1162) Managers and directors in storage and warehousing
(1131) Financial managers and directors	(1259) Managers and proprietors in other services nec
(1132) Marketing and sales directors	(1139) Functional managers and directors nec
(1133) Purchasing managers and directors	(2133) IT specialist managers
(1135) Human resource managers and directors	(2134) IT project and programme managers
(1251) Property, housing and estate managers	(3538) Financial accounts managers
(1136) Information technology and telecommunications directors	(3545) Sales accounts and business development managers
(2150) Research and development managers	
2 Construction project managers²⁹	
(2436) Construction project managers and related professionals	
3 Other construction process managers²⁹	
(1121) Production managers and directors in manufacturing	(3567) Health and safety officers
(1122) Production managers and directors in construction	(3550) Conservation and environmental associate professionals
(1161) Managers and directors in transport and distribution	
(1255) Waste disposal and environmental services managers	

29. Managerial, professional & office based staff

4 Non-construction professional, technical, IT, and other office-based staff (excl. managers)²⁹

(3131) IT operations technicians	(3541) Buyers and procurement officers
(3132) IT user support technicians	(3562) Human resources and industrial relations officers
(3534) Finance and investment analysts and advisers	(4121) Credit controllers
(3535) Taxation experts	(4214) Company secretaries
(3537) Financial and accounting technicians	(7129) Sales related occupations nec
(3563) Vocational and industrial trainers and instructors	(7211) Call and contact centre occupations
(3539) Business and related associate professionals nec	(7219) Customer service occupations nec
(3520) Legal associate professionals	(9219) Elementary administration occupations nec
(3565) Inspectors of standards and regulations	(2111) Chemical scientists
(2136) Programmers and software development professionals	(2112) Biological scientists and biochemists
(2139) Information technology and telecommunications professionals nec	(2113) Physical scientists
(3544) Estate agents and auctioneers	(3111) Laboratory technicians
(2413) Solicitors	(3421) Graphic designers
(2419) Legal professionals nec	(2463) Environmental health professionals
(2421) Chartered and certified accountants	(2135) IT business analysts, architects and systems designers
(2424) Business and financial project management professionals	(2141) Conservation professionals
(2423) Management consultants and business analysts	(2142) Environment professionals
(4216) Receptionists	(2425) Actuaries, economists and statisticians
(4217) Typists and related keyboard occupations	(2426) Business and related research professionals
(3542) Business sales executives	(4124) Finance officers
(4122) Book-keepers, payroll managers and wages clerks	(4129) Financial administrative occupations nec
(4131) Records clerks and assistants	(4138) Human resources administrative occupations
(4133) Stock control clerks and assistants	(4151) Sales administrators
(7213) Telephonists	(4159) Other administrative occupations nec
(7214) Communication operators	(4162) Office supervisors
(4215) Personal assistants and other secretaries	(7130) Sales supervisors
(7111) Sales and retail assistants	(7220) Customer service managers and supervisors
(7113) Telephone salespersons	(4161) Office managers

5 Construction trades supervisors³⁰

(5250) Skilled metal, electrical and electronic trades supervisors
(5330) Construction and building trades supervisors

6 Wood trades and interior fit-out³⁰

(5315) Carpenters and joiners	(5442) Furniture makers and other craft woodworkers
(8121) Paper and wood machine operatives	(5319) Construction and building trades nec (25%)

7 Bricklayers³⁰

(5312) Bricklayers and masons

30. Skilled trades & operatives

8 Building envelope specialists³⁰	
(5319) Construction and building trades nec (50%)	
9 Painters and decorators³⁰	
(5323) Painters and decorators	(5319) Construction and building trades nec (5%)
10 Plasterers³⁰	
(5321) Plasterers	
11 Roofers³⁰	
(5313) Roofers, roof tilers and slaters	
12 Floorers³⁰	
(5322) Floorers and wall tillers	
13 Glaziers³⁰	
(5316) Glaziers, window fabricators and fitters	(5319) Construction and building trades nec (5%)
14 Specialist building operatives not elsewhere classified (nec)³⁰	
(8149) Construction operatives nec (100%)	(9132) Industrial cleaning process occupations
(5319) Construction and building trades nec (5%)	(5449) Other skilled trades nec
15 Scaffolders³⁰	
(8141) Scaffolders, staggers and riggers	
16 Plant operatives³⁰	
(8221) Crane drivers	(8222) Fork-lift truck drivers
(8129) Plant and machine operatives nec	(8229) Mobile machine drivers and operatives nec
17 Plant mechanics/fitters³⁰	
(5223) Metal working production and maintenance fitters	(9139) Elementary process plant occupations nec
(5224) Precision instrument makers and repairers	(5222) Tool makers, tool fitters and markers-out
(5231) Vehicle technicians, mechanics and electricians	(5232) Vehicle body builders and repairers
18 Steel erectors/structural fabrication³⁰	
(5311) Steel erectors	(5319) Construction and building trades nec (5%)
(5215) Welding trades	(5211) Smiths and forge workers
(5214) Metal plate workers, and riveters	(5221) Metal machining setters and setter-operators
19 Labourers nec³⁰	
(9120) Elementary construction occupations (100%)	
20 Electrical trades and installation³⁰	
(5241) Electricians and electrical fitters	(5242) Telecommunications engineers
(5249) Electrical and electronic trades nec	
21 Plumbing and heating, ventilation, and air conditioning trades³⁰	
(5314) Plumbers and heating and ventilating engineers	(5319) Construction and building trades nec (5%)
(5216) Pipe fitters	(5225) Air-conditioning and refrigeration engineers
22 Logistics³⁰	
(8211) Large goods vehicle drivers	(3541) Buyers and purchasing officers (50%)
(8212) Van drivers	(4134) Transport and distribution clerks and assistants
(9260) Elementary storage occupations	
23 Civil engineering operatives not elsewhere classified (nec)³⁰	
(8142) Road construction operatives	(8123) Quarry workers and related operatives
(8143) Rail construction and maintenance operatives	

24 Non-construction operatives³⁰

(8117) Metal making and treating process operatives	(9249) Elementary security occupations nec
(8119) Process operatives nec	(9233) Cleaners and domestics
(8125) Metal working machine operatives	(9232) Street cleaners
(8126) Water and sewerage plant operatives	(5113) Gardeners and landscape gardeners
(8132) Assemblers (vehicles and metal goods)	(6232) Caretakers
(8133) Routine inspectors and testers	(9241) Security guards and related occupations
(8139) Assemblers and routine operatives nec	(3319) Protective service associate professionals nec

25 Civil engineers²⁹

(2121) Civil engineers

26 Other construction professionals and technical staff²⁹

(2122) Mechanical engineers	(3119) Science, engineering and production technicians nec
(2123) Electrical engineers	(3121) Architectural and town planning technicians
(2126) Design and development engineers	(3122) Draughtspersons
(2127) Production and process engineers	(3115) Quality assurance technicians
(2461) Quality control and planning engineers	(2432) Town planning officers
(2129) Engineering professionals nec	(2124) Electronics engineers
(3112) Electrical and electronics technicians	(2435) Chartered architectural technologists
(3113) Engineering technicians	(3531) Estimators, valuers and assessors
(3114) Building and civil engineering technicians	(3116) Planning, process and production technicians

27 Architects²⁹

(2431) Architects

28 Surveyors²⁹

(2433) Quantity surveyors
(2434) Chartered surveyors

Appendix D. Glenigan projects removed from each area

This section contains a list of all the Glenigan projects removed from the analysis and the reason for their exclusion.

Table D1: Glenigan Projects removed from Aberdeen City & Shire

Number	Heading	Local Authority	Value (£m)	Start date	End date	Reason
1	Cable Laying Works	Aberdeenshire	70.0			Missing dates
2	Care Centre	Aberdeen	56.0			Missing dates
3	Student Accommodation	Aberdeen	55.0			Missing dates
4	188 Houses & 22 Flats	Aberdeenshire	23.3			Missing dates
5	Meat Production Facility/Abattoir	Aberdeenshire	20.0			Missing dates
6	Football Stadium (New)	Aberdeen	10.0			Missing dates
7	Health Care Centre	Aberdeen	8.1			Missing dates
8	3 Wind Turbines	Aberdeenshire	6.0			Missing dates
9	Heritage Centre	Aberdeen	5.0			Missing dates
10	3 Commercial Units	Aberdeenshire	5.0			Missing dates
11	48 Residential Units	Aberdeenshire	3.0			Missing dates
12	35 Houses	Aberdeenshire	2.6			Missing dates
13	Aden Country Park Restoration and Redevelopment	Aberdeen City	2.6			Missing dates
14	33 Houses & 14 Flats	Aberdeenshire	2.4			Missing dates
15	Recycling Building (Extension/Alterations)	Aberdeenshire	2.3			Missing dates
16	Fish Processing Plant (Extension/Alterations)	Aberdeen	2.3			Missing dates
17	22 Houses & 11 Flats (New/Conversion)	Aberdeenshire	2.1			Missing dates
18	University (Extension)	Aberdeen	2.0			Missing dates
19	44 Apartments & 3 Retail Units	Aberdeenshire	1.7			Missing dates
20	19 Houses	Aberdeenshire	1.4			Missing dates
21	34 Independent Flats	Aberdeenshire	1.4			Missing dates
22	Industrial Building & Office	Aberdeenshire	1.4			Missing dates
23	Industrial/Business Unit	Aberdeenshire	1.4			Missing dates
24	20 Houses	Aberdeenshire	1.3			Missing dates
25	11 Commercial Units	Aberdeenshire	1.3			Missing dates
26	Restaurant (Conversion/Extension)	Aberdeen	1.2			Missing dates
27	Bridge Improvements	Aberdeen	1.2			Missing dates
28	16 Houses	Aberdeenshire	1.2			Missing dates
29	Community Building	Aberdeenshire	1.2			Missing dates
30	15 Houses	Aberdeenshire	1.1			Missing dates
31	15 Houses	Aberdeenshire	1.1			Missing dates
32	Housing Improvements	Aberdeen	1.0			Missing dates
33	Training Centre (Extension/Alterations)	Aberdeen	1.0			Missing dates
34	School (Extension/Alterations)	Aberdeen	1.0			Missing dates
35	Storage/Distribution & Office (Extension/Alterations)	Aberdeenshire	1.0			Missing dates

Number	Heading	Local Authority	Value (£m)	Start date	End date	Reason
36	Cemetery	Aberdeenshire	1.0			Missing dates
37	Underground Cable Works	Aberdeenshire	1.0			Missing dates
38	12 Houses (Alterations)	Aberdeenshire	0.9			Missing dates
39	13 Short Term Lets	Aberdeenshire	0.9			Missing dates
40	Storage	Aberdeenshire	0.8			Missing dates
41	School (Alterations)	Aberdeen City	0.8			Missing dates
42	11 Houses	Aberdeen	0.7			Missing dates
43	Woodshed	Aberdeenshire	0.7			Missing dates
44	13 Flats (Conversion/Alterations)	Aberdeen	0.7			Missing dates
45	Light Industrial	Aberdeenshire	0.6			Missing dates
46	13 Flats (Conversion/Extension)	Aberdeen	0.6			Missing dates
47	4 Light Industrial Units (New/ Extension)	Aberdeen	0.6			Missing dates
48	School (Refurbishment)	Aberdeen City	0.5			Missing dates
49	10 Flats	Aberdeenshire	0.5			Missing dates
50	Solar Array	Aberdeenshire	0.5			Missing dates
51	Demolition	Aberdeenshire	0.5			Missing dates
52	Road & Drainage Works	Aberdeenshire	0.5			Missing dates
53	Demolition	Aberdeenshire	0.5			Missing dates
54	House & Childrens Nursery	Aberdeenshire	0.5			Missing dates
55	Solar Farm	Aberdeenshire	0.3			Missing dates
56	Dual Carriageway	Aberdeen City	50.0	29/08/2022	08/09/2031	Consultancy
57	Church (Alterations)	Aberdeen City	1.4	06/06/2022	09/06/2025	Consultancy
58	University Quantity Surveyor Services Framework		1.0	04/04/2022	01/04/2024	Consultancy
59	81 Retirement Flats & 35 Houses	Aberdeen	8.7	11/04/2022	25/09/2023	Duplicate
60	216 Residential Units	Aberdeen	12.81	09/05/2022	01/01/2024	Duplicate
61	288 Houses/Flats & 2 Shops	Aberdeen	17.01	06/08/2018	31/03/2022	Duplicate
62	116 Houses	Aberdeen	7.03	06/01/2020	28/10/2022	Duplicate
63	28 Town Houses & 12 Houses & 9 Flats & 3 Retail Units	Aberdeen	3.25	09/02/2022	08/03/2023	Duplicate
64	Enabling Works & Road Works	Aberdeen	0.5	16/11/2021	19/07/2022	Duplicate
65	95 Flats	Aberdeen	3.96	14/01/2022	10/02/2023	Duplicate
66	139 Houses/4 Flats/2 Commercial Units	Aberdeen	8.79	28/07/2022	28/12/2023	Duplicate
67	Infrastructure Works	Aberdeen	5	01/03/2021	17/01/2022	Duplicate
68	Leisure Gardens & Commercial	Aberdeen	25.78	08/07/2019	23/02/2022	Duplicate
69	239 Units	Aberdeen	8.025	18/07/2016	18/07/2022	Duplicate
70	115 Homes / Visitor Centre	Laurencekirk	6.97	14/06/2021	17/06/2024	Duplicate
71	134 Flats & 43 Houses	Aberdeen	10.61	24/05/2021	12/12/2022	Duplicate
72	48 Residential Units	Aberdeen	3.03	29/11/2021	19/12/2022	Duplicate
73	Golf Course	Aberdeen	0.75	07/03/2022	31/10/2022	Duplicate
74	Offshore Wind Farm	Aberdeen	100	04/02/2019	19/08/2022	Duplicate

Table D2: Glenigan Projects removed from Glasgow & West

Number	Heading	Local Authority	Value (£m)	Start date	End date	Reason
1	Shopping Centre (Extension)	Glasgow	200.0			Missing dates
2	Office Development	Glasgow	110.0			Missing dates
3	Retail & Leisure Development	Glasgow	100.0			Missing dates
4	Waste Water Treatment Works	Glasgow City	55.0			Missing dates
5	Office Development	Glasgow	46.2			Missing dates
6	Business/Supermarket/Retail/Petrol Station & Gym Development	Glasgow	40.0			Missing dates
7	398 Flats	Glasgow	29.9			Missing dates
8	Office	Glasgow	25.0			Missing dates
9	Retail/Hotel/Aparthotel/Public House	Glasgow	25.0			Missing dates
10	Office Building	Glasgow	25.0			Missing dates
11	Apart-Hotel	Glasgow	20.0			Missing dates
12	3 Retail Units & 1 Office	Glasgow	19.7			Missing dates
13	Hotel/Hostel/Office/Leisure & Retail Units	Glasgow	15.0			Missing dates
14	Hotel (Conversion/Extension)	Glasgow	15.0			Missing dates
15	Hotel (Conversion/Extension)	Glasgow	15.0			Missing dates
16	70 Houses & 65 Flats	West Dunbartonshire	9.1			Missing dates
17	Office (Extension)	Glasgow	8.0			Missing dates
18	6 Industrial/Office Units	Glasgow	6.5			Missing dates
19	Hotel	Fareham	6.4			Missing dates
20	25 Serviced Flats & 1 Restaurant/Bar (Conversion/Alterations)	Glasgow	6.0			Missing dates
21	4 Retail Units	Renfrewshire	5.6			Missing dates
22	Restaurant/Supermarket	Glasgow	4.7			Missing dates
23	Care Home	West Dunbartonshire	4.6			Missing dates
24	Light Industrial & Storage	Glasgow City	4.2			Missing dates
25	32 Residential Units (Alterations)		3.9			Missing dates
26	Hospice building	Inverclyde	3.7			Missing dates
27	49 Houses	Renfrewshire	3.4			Missing dates
28	29 Houses & 9 Flats	East Dunbarton	2.9			Missing dates
29	Demolition	Inverclyde	2.4			Missing dates
30	13 Industrial Units	Renfrewshire	2.3			Missing dates
31	Car Showroom (Alterations)	Glasgow	2.3			Missing dates
32	Hotel (Extension)	Glasgow	2.0			Missing dates
33	26 Houses	Glasgow	2.0			Missing dates
34	27 Houses	Inverclyde	1.9			Missing dates
35	Events Venue	Glasgow	1.9			Missing dates
36	Hotel	Renfrewshire	1.9			Missing dates
37	Filling Station Store (New/Alterations)	West Dunbartonshire	1.8			Missing dates
38	24 Houses	Renfrewshire	1.7			Missing dates
39	Hotel (Conversion/Alterations)	Glasgow	1.7			Missing dates
40	Retail Unit	Glasgow	1.6			Missing dates
41	22 Houses	Inverclyde	1.6			Missing dates

Number	Heading	Local Authority	Value (£m)	Start date	End date	Reason
42	22 Houses	Inverclyde	1.6			Missing dates
43	Office/Light Industry (New/Conversion)	Glasgow	1.5			Missing dates
44	Retail Units & Restaurant	Renfrewshire	1.5			Missing dates
45	Office (Fit Out)	Glasgow City	1.4			Missing dates
46	4 Office & General Industrial & Storage Units	Glasgow	1.3			Missing dates
47	Administrative Office Building/Commercial & Retail Units	Inverclyde	1.3			Missing dates
48	22 Serviced Apartments & 1 Reception/Cafe	Glasgow	1.2			Missing dates
49	Retail Warehouse / Non Food Retail Unit	Renfrewshire	1.1			Missing dates
50	2 Industrial Units & 1 Office	Renfrewshire	1.1			Missing dates
51	Hotel (Extension/Alterations)	Glasgow	1.1			Missing dates
52	Restaurant/Bar (Extension)	Glasgow	1.1			Missing dates
53	Storage Unit	Glasgow	1.0			Missing dates
54	Hotel (Extension/Alterations)	Renfrewshire	1.0			Missing dates
55	Demolition	Glasgow	1.0			Missing dates
56	Office (Extension)	Glasgow	1.0			Missing dates
57	Laboratory		1.0			Missing dates
58	Pub (Extension/Alterations)	Inverclyde	0.9			Missing dates
59	Industrial Unit	Glasgow	0.9			Missing dates
60	12 Houses	East Renfrewshire	0.9			Missing dates
61	6 Commercial Units (New/Alterations)	Glasgow	0.9			Missing dates
62	16 Flats & 1 Restaurant	Glasgow	0.9			Missing dates
63	17 Flats (Conversion/Alterations)	Renfrewshire	0.8			Missing dates
64	Energy Centre Building	Glasgow	0.8			Missing dates
65	New Pavilion & Community Centre	Glasgow	0.7			Missing dates
66	12 Flats	Glasgow	0.6			Missing dates
67	Hotel (Conversion/Alterations)	Glasgow	0.5			Missing dates
68	3 Shops/1 Takeaway	Glasgow	0.5			Missing dates
69	10 Flats	Renfrewshire	0.5			Missing dates
70	Demolition	Renfrewshire	0.5			Missing dates
71	6 Houses & 2 Retail Units	East Dunbarton	0.5			Missing dates
72	Housing Improvements	Glasgow	0.5			Missing dates
73	Car Park	Renfrewshire	0.4			Missing dates
74	Convenience Store (Fit Out)	Renfrewshire	0.4			Missing dates

Number	Heading	Local Authority	Value (£m)	Start date	End date	Reason
75	Public Realm Works	Renfrewshire	0.4			Missing dates
76	Environmental Works		0.3			Missing dates
77	Supermarket (Extension/Alterations)	Glasgow	0.3			Missing dates
78	Restaurant/Bar (Extension/Alterations)	Glasgow	0.3			Missing dates
79	Restaurant/Bar (Conversion/Alterations)	Glasgow	0.3			Missing dates
80	79 Student Flats (Conversion/Extension)	Glasgow	5.0	09/02/2022		Missing dates
81	Design Technical and Professional Services Framework	Glasgow City	10.0	12/01/2018	12/01/2022	Consultancy
82	Quay Wall & Public Realm Works		25.0	08/05/2023	04/04/2025	Consultancy
83	Consultancy Services Framework		40.0	27/10/2021	29/10/2025	Consultancy
84	Civil Engineering Consultancy Framework		400.0	01/03/2016	29/02/2028	Consultancy
85	Consultant Framework	Glasgow	5.0	01/04/2021	03/04/2025	Consultancy
86	Engineering & Technical Consultancy Framework		72.5	25/02/2021	27/02/2025	Consultancy
87	Consultancy Services Framework		0.9	01/09/2020	03/09/2024	Consultancy
88	Mechanical & Electrical Consultancy Services Framework		0.3	15/01/2022	15/01/2024	Consultancy
89	Construction & Building Consultancy Framework		40.0	28/12/2021	26/12/2023	Consultancy
90	Construction Consultancy Framework		60.0	31/07/2022	31/07/2023	Consultancy
91	Consultancy Services Framework	Glasgow	0.5	20/01/2020	13/01/2023	Consultancy
92	Lead Consultancy Services Framework		4.6	02/04/2018	04/04/2022	Consultancy
93	Commercial Services Framework		38.0	05/05/2022	04/05/2028	Consultancy
94	Infrastructure Works		1.0	13/06/2022	14/12/2026	Consultancy
95	Professional Services Framework		0.4	30/07/2022	30/07/2026	Consultancy
96	Construction & Sustainability Professional Services Framework		21.0	07/06/2022	07/06/2026	Consultancy
97	Professional Services Framework		1.6	08/01/2022	08/01/2026	Consultancy
98	Design Technical & Professional Services Framework		1.0	14/12/2022	14/12/2025	Consultancy
99	Lead Advisor Framework		17.2	26/08/2021	28/08/2025	Consultancy
100	Public Realm Works	Glasgow City	15.0	13/06/2022	25/12/2023	Consultancy

Number	Heading	Local Authority	Value (£m)	Start date	End date	Reason
101	Quantity Surveyor/Repair & Maintenance Works		1.0	08/01/2019	10/01/2023	Consultancy
102	Public Realm Works		1.5	10/01/2022	16/09/2022	Consultancy
103	Public Realm Framework	Glasgow City	115.0	02/01/2020	16/09/2022	Consultancy
104	Ground Investigation Works Framework		50.0	11/11/2020	11/11/2024	Consultancy
105	Navy Base Redevelopment	Glasgow	1300.0	11/03/2019	12/03/2029	Not in the area
106	Flats/Hotel/Leisure Centre/Shop (Alterations)	Glasgow	29.8	02/12/2019	06/05/2022	Duplicate
107	2 Office Suites (Alterations)	Glasgow City	5.5	07/09/2020	19/01/2022	Duplicate
108	Mixed Use Development	Glasgow	14.2	13/11/2019	09/05/2022	Duplicate
109	Child Early Years Centre	Glasgow	3.4	02/05/2022	27/03/2023	Duplicate
110	Bank & Offices	Glasgow	3.8	21/02/2022	23/05/2022	Duplicate
111	Office	Glasgow	25.0	14/04/2022	14/09/2023	Duplicate
112	Hotel & Commercial Units	Glasgow	50.0	13/09/2021	13/01/2024	Duplicate
113	346 Flats & Commercial Units	Glasgow	30.0	05/07/2021	05/02/2024	Duplicate
114	74 Flats & 15 Houses	Glasgow	25.0	09/07/2022	09/07/2026	Duplicate
115	826 Residential Units	Glasgow	180.0	23/01/2020	21/03/2024	Duplicate
116	Pedestrian Bridge	Glasgow	19.0	20/03/2020	18/03/2022	Duplicate
117	826 Residential Units	Glasgow	51.3	04/01/2021	04/01/2022	Duplicate
118	Light Industrial (Alterations)	Renfrewshire	1.5	08/02/2022	31/05/2022	Duplicate
119	Riverbank Stabilisation Works	Glasgow	2.8	25/10/2021	23/01/2023	Duplicate
120	149 Flats & 4 Retail Units	West Dunbartonshire	6.8	02/03/2020	25/03/2022	Duplicate
121	University (Redevelopment)	Glasgow	83.0	06/08/2018	28/02/2022	Duplicate
122	University Research Hub (Extension)	Glasgow	86.0	07/06/2021	26/05/2023	Duplicate
123	342 Flats & 2 Commercial Units	Glasgow	80.0	15/02/2021	15/02/2025	Duplicate
124	Enabling Works	Glasgow	1.6	10/05/2021	12/01/2024	Duplicate
125	Residential Development	Glasgow	73.0	24/05/2021	25/09/2023	Duplicate
126	General Bridge & Structural Work		1.0	07/02/2022	11/07/2022	Duplicate
127	Temporary Supermarket (Alteration/Fit-Out)	East Dunbarton	7.4	10/01/2022	17/01/2022	Duplicate

Table D3: Glenigan Projects removed from Highlands & Islands

Number	Heading	Local Authority	Value (£m)	Start date	End date	Reason
1	Hotel & 3 Retail/Commercial Units	Highland	20.0			Missing dates
2	145 Houses	Highland	9.2			Missing dates
3	Railway Station (New/Refurbishment)	Highland	9.0			Missing dates
4	College Science & Technology Centre	Highland	7.0			Missing dates
5	Clubhouse	Highland	6.5			Missing dates
6	Hotel (Conversion/Extension)	Highland	5.5			Missing dates
7	Commercial Development	Highland	5.0			Missing dates
8	56 Residential Units	Highland	4.2			Missing dates
9	48 Houses	Highland	3.3			Missing dates
10	Manufacturing Bakery (Extension/Alterations)	Argyll & Bute	2.6			Missing dates
11	48 Apartments & 1 Retail Unit	Highland	2.5			Missing dates
12	Commercial Units (New/Extension)	Argyll & Bute	2.4			Missing dates
13	Distillery (Refurbishment)	Moray	2.3			Missing dates
14	College Marine Learning Centre (Extension)	Highland	2.0			Missing dates
15	5 Industrial Units	Highland	1.9			Missing dates
16	24 Flats & 9 Houses	Shetland Isles	1.9			Missing dates
17	Community Cultural/Visitor Centre (Extension)	Highland	1.8			Missing dates
18	Cooperage & Filling Store	Highland	1.7			Missing dates
19	2 Abattoir & Incinerator Buildings	Highland	1.5			Missing dates
20	Hotel (Extension/Alterations)	Argyll & Bute	1.4			Missing dates
21	Offices	Highland	1.4			Missing dates
22	20 Houses	Highland	1.4			Missing dates
23	16 Houses	Orkney Isles	1.2			Missing dates
24	14 Houses	Highland	1.1			Missing dates
25	15 Residential Units & 1 Shop/Office	Highland	1.1			Missing dates
26	Distillery & Visitor Centre	Argyll & Bute	1.0			Missing dates
27	Micro-Hydro Scheme	Argyll & Bute	1.0			Missing dates
28	Dam	Argyll & Bute	1.0			Missing dates
29	9 Flats & 4 Houses (New/Conversion)	Highland	1.0			Missing dates
30	Hydro-Electric Scheme	Highland	1.0			Missing dates
31	Sewage Treatment Works	Highland	1.0			Missing dates
32	Vehicle Showroom (Extension/Alterations)	Highland	1.0			Missing dates
33	River Hydro Scheme	Highland	1.0			Missing dates
34	Local Roads	Moray	1.0			Missing dates
35	Industrial Office/Warehouse (Extension/Alterations)	Moray	1.0			Missing dates

Number	Heading	Local Authority	Value (£m)	Start date	End date	Reason
36	Flood Defence/Protection	Shetland Isles	0.9			Missing dates
37	Offices/Warehouse (Extension/Alterations)	Argyll & Bute	0.9			Missing dates
38	12 Houses	Highland	0.8			Missing dates
39	Sports Storage & Indoor Training	Highland	0.8			Missing dates
40	Car Showroom (Extension/Alterations)	Highland	0.8			Missing dates
41	Offices/Stores	Argyll & Bute	0.7			Missing dates
42	Hotel (Extension/Alterations)	Orkney Isles	0.7			Missing dates
43	Hotel (Extension)	Highland	0.7			Missing dates
44	Helicopter Service Hangar	Highland	0.6			Missing dates
45	Office Building	Highland	0.6			Missing dates
46	Road Works	Argyll & Bute	0.5			Missing dates
47	Road Works	Highland	0.5			Missing dates
48	Shop Mezzanine Floor (Alterations)	Highland	0.4			Missing dates
49	Light Industrial	Highland	0.4			Missing dates
50	2 Flats/1 Town House/1 Restaurant (Conversion)	Argyll & Bute	0.6			Missing dates
51	Consultancy Services Framework		1.0	01/06/2020	03/06/2024	Consultancy
52	Marine Civil Engineering Consultancy Services Framework		1.0	24/05/2022	24/05/2026	Consultancy
53	Infrastructure Professional Services Framework		3.3	20/12/2017	20/12/2023	Consultancy
54	Carriageway Dualling		29.9	27/12/2021	06/06/2022	Consultancy
55	Design Services Framework Agreement	Highland	3.0	17/05/2021	28/04/2025	Consultancy
56	Carriageway (Dualling)	Highland	115.0	20/06/2022	25/12/2023	Duplicate
57	Carriageway (Dualling)	Highland	30.0	08/03/2022	16/03/2027	Duplicate
58	150 Houses/18 Flats/10 Bungalows & 5 Retail/Commercial	Moray	11.6	15/07/2022	15/01/2024	Duplicate
59	Business Park	Highland	100.0	02/10/2017	16/03/2023	Duplicate
60	874 Houses/Shops/Bank/Restaurant/Care Home/School Units	Moray	165.6	13/11/2019	13/11/2023	Duplicate
61	Ferry Terminal	Highland	0.6	25/04/2022	27/01/2023	Duplicate
62	117 Houses/Flats	Highland	20.6	06/04/2020	13/05/2022	Duplicate
63	Railway Station	Highland	5.0	18/10/2021	23/12/2022	Duplicate

Table D4: Glenigan Projects removed from Lanarkshire

Number	Heading	Local Authority	Value (£m)	Start date	End date	Reason
1	Potato Processing Factory	North Lanarkshire	24.7			Missing dates
2	4 Industrial Units	North Lanarkshire	20.0			Missing dates
3	2 Industrial Buildings	North Lanarkshire	7.0			Missing dates
4	Light Industry/Warehouse	North Lanarkshire	4.4			Missing dates
5	Care Facility	South Lanarkshire	2.5			Missing dates
6	Anaerobic Digestion Plant	North Lanarkshire	2.0			Missing dates
7	11 Houses & 8 Flats	South Lanarkshire	1.4			Missing dates
8	Film Studio	North Lanarkshire	1.4			Missing dates
9	30 Flats	North Lanarkshire	1.4			Missing dates
10	17 Houses	North Lanarkshire	1.3			Missing dates
11	Neighbourhood Centre	North Lanarkshire	1.2			Missing dates
12	24 Flats	South Lanarkshire	1.2			Missing dates
13	13 Houses	North Lanarkshire	1.0			Missing dates
14	15 Flats (Conversion)	South Lanarkshire	1.0			Missing dates
15	10 Flats/7 Houses/ 3 Bungalows	North Lanarkshire	1.0			Missing dates
16	Car Park Works	North Lanarkshire	1.0			Missing dates
17	13 Residential Units	South Lanarkshire	1.0			Missing dates
18	11 Houses	South Lanarkshire	0.8			Missing dates
19	2 Retail/Restaurant/Cafe/ Financial Service Units	North Lanarkshire	0.8			Missing dates
20	Nursing Home (Refurbish- ment)	North Lanarkshire	0.7			Missing dates
21	College (Refurbishment)	South Lanarkshire	0.7			Missing dates
22	4 Industrial Units & 1 Takeaway	North Lanarkshire	0.7			Missing dates
23	12 Flats	South Lanarkshire	0.6			Missing dates
24	Combined Heat And Power Plant Unit	South Lanarkshire	0.5			Missing dates
25	Workshops	South Lanarkshire	0.4			Missing dates
26	Care Home (Extension)	South Lanarkshire	0.4			Missing dates
27	Commercial Units	South Lanarkshire	0.4			Missing dates
28	Office Building	North Lanarkshire	0.4			Missing dates
29	Engineering Works	South Lanarkshire	0.3			Missing dates
30	Carriageway (Refurbishment)	North Lanarkshire	0.3	07/02/2022	23/05/2022	Duplicate
31	Road Works	North Lanarkshire	3.0	21/09/2021	21/09/2022	Duplicate
32	Roads (Resurfacing)		0.3	07/03/2022	06/06/2022	Duplicate
33	School	South Lanarkshire	20.0	31/05/2022	29/08/2023	Duplicate
34	112 Residential Units	South Lanarkshire	7.5	14/02/2022	31/07/2023	Duplicate
35	89 Flats & 78 Houses	South Lanarkshire	7.5	01/03/2021	01/03/2024	Duplicate
36	254 Houses	South Lanarkshire	68.8	16/11/2020	16/11/2025	Duplicate
37	89 Residential Units	South Lanarkshire	15.0	04/02/2019	07/10/2022	Duplicate
38	110 Houses	South Lanarkshire	7.4	21/03/2022	04/09/2023	Duplicate
39	287 Residential Units	South Lanarkshire	18.6	01/10/2020	01/10/2023	Duplicate

Table D5: Glenigan Projects removed from South East

Number	Heading	Local Authority	Value (£m)	Start date	End date	Reason
1	Enabling Works	City of Edinburgh	0.5			Missing dates
2	Housing (Alteration and Conversion)	City of Edinburgh	1.0			Missing dates
3	Housing (Refurbishment)	City of Edinburgh	1.0			Missing dates
4	Theatre (Refurbishment)	City of Edinburgh	25.0			Missing dates
5	Nursery (Refurbishment)	City of Edinburgh	0.3			Missing dates
6	Hotel Outdoor Hydro Pool (Extension/Alterations)	East Lothian	1.5			Missing dates
7	94 Residential Units	East Lothian	6.8			Missing dates
8	Waste Management Plant	East Lothian	1.0			Missing dates
9	Student Accommodation (Extension/Alterations)	East Lothian	1.0			Missing dates
10	Access Road	East Lothian	0.5			Missing dates
11	Leisure Centre (Extension/Alterations)	East Lothian	0.9			Missing dates
12	School Nursery & Sports Hall (Extension/Alterations)	East Lothian	2.9			Missing dates
13	107 Flats & 1 Student Accommodation	Edinburgh	7.2			Missing dates
14	Viewing Platform/Lift	Edinburgh	35.0			Missing dates
15	Public Realm Improvements	Edinburgh	0.4			Missing dates
16	12 Flats & 1 House (Conversion)	Edinburgh	0.7			Missing dates
17	36 Flats & Commercial Units	Edinburgh	2.5			Missing dates
18	Music School (Conversion)	Edinburgh	0.6			Missing dates
19	Bowling Centre & Pub (Extension/Alterations)	Edinburgh	3.7			Missing dates
20	11 Flats & 1 Office (New/Conversion)	Edinburgh	0.6			Missing dates
21	11 Flats	Edinburgh	0.6			Missing dates
22	35 Flats	Edinburgh	3.0			Missing dates
23	Theatre (Extension/Alterations)	Edinburgh	25.0			Missing dates
24	11 Flats	Edinburgh	0.6			Missing dates
25	Church (Extension/Alterations)	Edinburgh	1.1			Missing dates
26	University Research & Development Facility Building	Edinburgh	90.0			Missing dates
27	Commercial Units (New/Alterations)	Edinburgh	3.8			Missing dates
28	Pub (Conversion/Alterations)	Edinburgh	2.0			Missing dates
29	Village Hall	Edinburgh	1.0			Missing dates
30	69 Flats	Edinburgh	3.2			Missing dates
31	952 Residential/Commercial Units	Edinburgh	59.1			Missing dates
32	Student/Assisted Living & Care Centre/Commercial Units	Edinburgh	1.0			Missing dates
33	Hotel/Bar/Restaurant (Conversion/Alterations)	Edinburgh	0.5			Missing dates

Number	Heading	Local Authority	Value (£m)	Start date	End date	Reason
34	Learning Hub	Edinburgh	1.5			Missing dates
35	Office	Edinburgh	4.7			Missing dates
36	Hotel (Conversion/Alterations)	Edinburgh	0.8			Missing dates
37	University (Extension/Alterations)	Edinburgh	0.9			Missing dates
38	31 Serviced Apartments (Conversion/Alterations)	Edinburgh	1.0			Missing dates
39	Housing Improvements	Edinburgh	0.8			Missing dates
40	12 Houses (New/Conversion)	Midlothian	0.9			Missing dates
41	13 Houses & 1 Office (New/Conversion)	Midlothian	1.1			Missing dates
42	Church & Church Hall (Extension/Alterations)	Midlothian	1.2			Missing dates
43	Office (Extension/Alterations)	Midlothian	0.9			Missing dates
44	71 Flats/30 Houses & 1 Office	Midlothian	4.7			Missing dates
45	30 Extra Care Flats	Midlothian	4.0			Missing dates
46	28 Houses	Scottish Borders	1.6			Missing dates
47	20 Houses	Scottish Borders	1.0			Missing dates
48	40 Houses	Scottish Borders	3.0			Missing dates
49	Visitor Accommodation (Conversion/Extension)	Scottish Borders	2.0			Missing dates
50	Commercial Units (Conversion/Extension)	Scottish Borders	2.6			Missing dates
51	Health Centre (Extension/Alterations)	Scottish Borders	0.8			Missing dates
52	Distillery	Scottish Borders	20.0			Missing dates
53	Guest Lodges (New/Extension)	Scottish Borders	9.2			Missing dates
54	22 Flats	Scottish Borders	2.5			Missing dates
55	Hotel (Extension)	Scottish Borders	1.0			Missing dates
56	12 Houses (New/Alterations)	West Lothian	4.4			Missing dates
57	Transport Depot (Extension)	West Lothian	4.7			Missing dates
58	16 Flats & 2 Retail Units	West Lothian	1.0			Missing dates
59	Office (Extension/Alterations)	West Lothian	0.9			Missing dates
60	Hotel (Extension)	West Lothian	0.5			Missing dates
61	19 Houses (Alterations)	West Lothian	1.4			Missing dates
62	48 Houses	West Lothian	3.3			Missing dates
63	Office Building	West Lothian	6.0			Missing dates
64	47 Houses	West Lothian	3.3			Missing dates
65	18 Houses	West Lothian	1.3			Missing dates
66	Bus Stop Works South West Locality Framework		0.5			Missing dates
67	Framework Consultant	City of Edinburgh	2.5	06/01/2020	01/01/2024	Consultancy
68	Asbestos Works & Services Framework	City of Edinburgh	5.4	02/08/2021	02/08/2025	Consultancy

Number	Heading	Local Authority	Value (£m)	Start date	End date	Reason
69	Multi Disciplinary Technical Services Consultancy Framework		1.0	21/01/2023	21/01/2025	Consultancy
70	University Lift Consultancy Contract		0.3	31/12/2021	01/01/2027	Consultancy
71	Road/Structures & Flood Prevention Consultancy Framework		1.9	23/11/2021	23/11/2022	Consultancy
72	Energy Consultancy & Energy Projects Delivery Partner Framework		4.8	25/03/2021	23/03/2023	Consultancy
73	Structural Engineering Consultancy Services Framework		0.3	13/07/2020	11/07/2022	Consultancy
74	Energy Efficiency Consultancy Services Framework		20.0	06/05/2020	08/05/2024	Consultancy
75	Construction Consultancy Framework		150.0	03/01/2019	05/01/2023	Consultancy
76	Cyclical & Planned Maintenance Works Framework		8.0	01/02/2021	03/02/2025	Consultancy
77	Housing Energy Efficiency Works Framework		100.0	31/05/2022	31/05/2024	Consultancy
78	Primary Schools Framework Term Contract	Midlothian	2.0	12/05/2022	13/05/2027	Consultancy
79	University Professional Estates Services Framework		3.0	02/05/2022	04/05/2026	Consultancy
80	Mechanical/Electrical & Environmental Services Framework		0.3	20/07/2021	23/07/2024	Consultancy
81	Professional Services Framework		300.0	01/01/2021	01/01/2025	Consultancy
82	NHS Supervisor Framework		3.0	14/11/2019	14/11/2023	Consultancy
83	Professional Technical Services Framework		4.0	01/04/2019	04/04/2022	Consultancy
84	Professional Services Framework		95.0	01/04/2021	03/04/2025	Consultancy
85	School of Engineering Masterplan	Edinburgh	100.0	07/03/2022	03/04/2034	Duplicate
86	Futures Institute	Edinburgh	73.0	11/03/2019	31/05/2022	Duplicate
87	Edinburgh Marina Retirement Living Development	Edinburgh	100.0	05/10/2020	05/10/2023	Duplicate
88	Granton Harbour Plots 29 & 35	Edinburgh	4.9	06/06/2022	05/06/2023	Duplicate
89	Plot S	Edinburgh	35.0	01/02/2021	17/04/2023	Duplicate
90	Granton Harbour: Marina	Edinburgh	0.4	10/02/2022	10/11/2022	Duplicate
91		Edinburgh	20.0	08/01/2024	30/06/2025	Duplicate
92		Edinburgh	17.5	02/08/2022	26/03/2024	Duplicate
93	Plot 1	Edinburgh	14.0	18/05/2022	10/01/2024	Duplicate
94	West Craigs Plot 4, Edinburgh Development	Edinburgh	10.5	28/02/2022	18/09/2023	Duplicate
95	Springside, Edinburgh: Building D AMSC	Edinburgh	70.0	13/01/2020	22/03/2022	Duplicate

Number	Heading	Local Authority	Value (£m)	Start date	End date	Reason
96	Western Harbour Park Development	Edinburgh	0.5	28/02/2022	30/05/2022	Duplicate
97	Wallyford Learning Campus	East Lothian	47.2	07/07/2021	08/06/2023	Duplicate
98	Freer street phase 2	Edinburgh	15.7	02/03/2022	25/10/2023	Duplicate
99	India Quay Plots W1-W4 Phase 1	Edinburgh	45.0	15/11/2021	18/12/2023	Duplicate
100	Fountainbridge Plot W3	Edinburgh	3.1	28/03/2022	02/10/2023	Duplicate
101	Millerhill Development Phase 2 / Midlothian HLA URN h43(Ta)	Midlothian	10.7	28/07/2022	28/03/2024	Duplicate
102	Midlothian HLA URN 2018DK2	Midlothian	1.9	15/07/2022	15/07/2023	Duplicate
103	Shawfair Block AA Sellers Works	Midlothian	1.0	15/08/2022	17/04/2023	Duplicate
104	Goosebay	East Lothian	35.5	31/05/2022	23/01/2024	Duplicate
105	New Town Quarter, Edinburgh	Edinburgh	250.0	20/04/2022	13/12/2023	Duplicate
106	Mall Avenue, Musselburgh - Phase 2	East Lothian	35.0	17/02/2020	17/02/2026	Duplicate
107	Western Villages	Edinburgh	40.0	18/10/2021	18/04/2025	Duplicate
108	Edinburgh Park Southern Phase: Marketing Suite	Edinburgh	1.0	21/02/2022	21/11/2022	Duplicate
109	Meadowbank Sports Centre Phase 1	Edinburgh	40.0	14/01/2019	14/01/2022	Duplicate
110	Westfield Park Access	West Lothian	0.3	27/12/2021	29/08/2022	Duplicate
111	New Lidl - Borders Gateway, Tweedbank	Scottish Borders	0.8	02/01/2023	03/03/2023	Duplicate
112		City of Edinburgh	0.5	22/11/2021	25/04/2022	Duplicate
113	Craiginn Terrace Blackridge / West Lothian HLA URN 123	West Lothian	4.0	29/11/2021	11/11/2022	Duplicate
114	CP6 Strategic Technical Advisors		5.0	20/12/2019	20/12/2023	Duplicate
115	Calderwood, East Calder	West Lothian	6.0	09/05/2022	05/06/2023	Duplicate
116		West Lothian	8.0	11/04/2022	07/04/2025	Duplicate
117	Calderwood Site Wbb & Wbg	West Lothian	4.8	14/03/2022	10/04/2023	Duplicate
118	West Lothian HLA URN 140	West Lothian	1.8	14/02/2022	12/02/2024	Duplicate
119	Calderwood Residential Development - Wbc, WBe & Wbf	West Lothian	13.4	24/05/2021	16/01/2023	Duplicate
120	East Calder	West Lothian	8.4	02/07/2018	02/07/2023	Duplicate
121	Merchants Gait	West Lothian	4.4	14/03/2022	09/10/2023	Duplicate
122	Winchburgh Housing	West Lothian	3.8	06/06/2022	04/12/2023	Duplicate
123	Block BB	West Lothian	5.8	16/05/2022	05/06/2023	Duplicate
124	Area Q1S, Winchburgh	West Lothian	7.0	12/07/2021	13/01/2023	Duplicate
125	Winchburgh Grange	West Lothian	9.3	28/03/2021	26/03/2023	Duplicate
126	Oakbank	West Lothian	5.1	04/01/2021	31/01/2022	Duplicate
127	Scottish Minor Building Works Framework		300.0	01/10/2021	03/10/2025	Duplicate

Table D6: Glenigan Projects removed from South West

Number	Heading	Local Authority	Value (£m)	Start date	End date	Reason
1	Business Park	Dumfries & Galloway	719.5			Missing dates
2	Hydro Scheme	Dumfries & Galloway	250.0			Missing dates
3	400 Flats	South Ayrshire	35.0			Missing dates
4	400 Flats	South Ayrshire	35.0			Missing dates
5	15 Wind Turbines	East Ayrshire	30.0			Missing dates
6	9 Wind Turbines & 1 Substation/Control Building	Dumfries & Galloway	19.0			Missing dates
7	210 Residential Units	South Ayrshire	13.8			Missing dates
8	Hotel/Restaurant	North Ayrshire	9.0			Missing dates
9	Residential Care Unit	North Ayrshire	7.9			Missing dates
10	56 Houses	East Ayrshire	5.4			Missing dates
11	Housing Improvements Framework	South Ayrshire	5.0			Missing dates
12	Offices	East Ayrshire	3.4			Missing dates
13	36 Houses	East Ayrshire	2.5			Missing dates
14	30 Houses	Dumfries & Galloway	1.9			Missing dates
15	Coffee Shop	South Ayrshire	1.5			Missing dates
16	Industrial Shed	Dumfries & Galloway	1.3			Missing dates
17	19 Houses	East Ayrshire	1.3			Missing dates
18	5 Industrial Units	North Ayrshire	1.3			Missing dates
19	14 Houses	North Ayrshire	1.0			Missing dates
20	2 Offices	South Ayrshire	1.0			Missing dates
21	Thermal Energy Plant	South Ayrshire	1.0			Missing dates
22	6 Offices	North Ayrshire	1.0			Missing dates
23	Builders Merchant Unit	Dumfries & Galloway	0.9			Missing dates
24	2 Storage Buildings	Dumfries & Galloway	0.9			Missing dates
25	Office (Extension/Alterations)	South Ayrshire	0.9			Missing dates
26	Hotel (Extension/Alterations)	South Ayrshire	0.9			Missing dates
27	8 Business Units	Dumfries & Galloway	0.6			Missing dates
28	12 Flats	North Ayrshire	0.6			Missing dates
29	7 Industrial Units	South Ayrshire	0.6			Missing dates
30	3 Industrial Units	Dumfries & Galloway	0.5			Missing dates
31	3 Industrial Units	Dumfries & Galloway	0.5			Missing dates
32	Garden Centre	North Ayrshire	0.5			Missing dates
33	10 Flats	North Ayrshire	0.5			Missing dates
34	Chemist and Retail Shop	South Ayrshire	0.5			Missing dates
35	Council Office Refurbishment	South Ayrshire	0.5			Missing dates
36	Civil Works	East Ayrshire	0.4			Missing dates
37	Demolition	Dumfries & Galloway	0.3			Missing dates
38	Ambulance Station (Alterations)	East Ayrshire	0.3			Missing dates

Number	Heading	Local Authority	Value (£m)	Start date	End date	Reason
39	4 Sheltered Units & 1 Care Home	South Ayrshire	0.3			Missing dates
40	Castle Restoration (Refurbishment)		3.0			Missing dates
41	Project Management Consultancy Services Framework Agreement	South Ayrshire	4.0	10/03/2020	08/03/2022	Consultancy
42	Consultants Framework	North Ayrshire	3.0	01/12/2021	03/12/2025	Consultancy
43	Professional Services Contract Partner - Roads and Transportation	North Ayrshire	2.5	27/03/2018	28/03/2023	Consultancy
44	Architects Framework	East Ayrshire	0.5	18/11/2019	18/11/2022	Consultancy
45	Quantity Surveying Consultancy Services Framework		1.0	18/04/2018	20/04/2022	Consultancy
46	Consultancy Framework		4.2	01/09/2020	03/09/2024	Consultancy
47	Consultancy Framework		4.0	01/12/2022	04/12/2025	Consultancy
48	Professional Consultancy Services Framework		23.3	11/05/2021	11/05/2025	Consultancy
49	Mechanical & Electrical Services Framework		0.7	11/11/2019	11/11/2023	Consultancy
50	Professional Services Framework		1.5	30/04/2020	28/04/2022	Consultancy
51	Architectural Services Framework		1.0	25/03/2020	27/03/2024	Consultancy
52	19 Townhouse & 18 Houses/16 Flats/10 Bungalows	South Ayrshire	8.5	02/11/2020	30/09/2022	Duplicate

Table D7: Glenigan Projects removed from Tayside, Forth & Fife

Number	Heading	Local Authority	Value (£m)	Start date	End date	Reason
1	Care Home (Extension/Alterations)	Angus	0.3			Missing dates
2	Care Home (Extension/Alterations)	Dundee	0.3			Missing dates
3	Antiques Showroom Building	Perth & Kinross	0.3			Missing dates
4	Hotel	Angus	0.3			Missing dates
5	Data Centre	Fife	0.3			Missing dates
6	Nursing Home (Extension)	Dundee	0.4			Missing dates
7	Workshop & Office	Perth & Kinross	0.4			Missing dates
8	Garden Centre (Extension)	Angus	0.4			Missing dates
9	Distillery (Refurbishment)	Falkirk	0.5			Missing dates
10	Storage/Workshop Building	Angus	0.5			Missing dates
11	Care Home (Extension/Alterations)	Fife	0.5			Missing dates
12	Garden Centre/Warehouse (Extension/Alterations)	Fife	0.5			Missing dates
13	Student Accommodation	Perth & Kinross	0.5			Missing dates
14	Multi-Use Buildings	Angus	0.5			Missing dates
15	Nursing Home (Extension)	Fife	0.6			Missing dates

Number	Heading	Local Authority	Value (£m)	Start date	End date	Reason
16	Light Industry/Storage	Stirling	0.6			Missing dates
17	Petrol Filling Station	Perth & Kinross	0.7			Missing dates
18	11 Flats & 4 Retail Units	Dundee	0.7			Missing dates
19	10 Houses	Fife	0.7			Missing dates
20	Student Accommodation(Ex-tension/Refurb)	Perth & Kinross	0.7			Missing dates
21	Restaurant/Cafe	Fife	0.8			Missing dates
22	4 Retail Units	Fife	0.8			Missing dates
23	11 Houses	Perth and Kinross	0.8			Missing dates
24	9 Industrial Units	Dundee	0.8			Missing dates
25	Light Industrial	Fife	0.8			Missing dates
26	12 Houses	Dundee	0.9			Missing dates
27	Railway Station (Extension)	Falkirk	0.9			Missing dates
28	Sustainability & Outdoor Fitness Centre	Stirling	0.9			Missing dates
29	13 Houses	Perth & Kinross	1.0			Missing dates
30	Car Park	Falkirk	1.0			Missing dates
31	Harbour (Alterations)	Fife	1.0			Missing dates
32	13 Houses	Perth & Kinross	1.0			Missing dates
33	Church Hall	Fife	1.0			Missing dates
34	9 Houses & 6 Flats	Dundee	1.1			Missing dates
35	2 Retail Units	Perth & Kinross	1.1			Missing dates
36	School (New/Alterations)	Perth & Kinross	1.1			Missing dates
37	Multi Use Hall & Gym Facility	Perth & Kinross	1.1			Missing dates
38	8 Business Units	Angus	1.2			Missing dates
39	University (Alterations)	Stirling	1.2			Missing dates
40	Light Industrial	Stirling	1.3			Missing dates
41	19 Houses	Falkirk	1.3			Missing dates
42	Children Play Area (Conversion/Extension)	Fife	1.3			Missing dates
43	Function Venue	Perth & Kinross	1.4			Missing dates
44	28 Flats & 3 Retail Units	Dundee	1.4			Missing dates
45	Bridge Improvements	Stirling	1.5			Missing dates
46	Hotel Function & Spa facility (Extension/Alterations)	Angus	1.7			Missing dates
47	10 Houses	Dundee	1.7			Missing dates
48	20 Residential Units	Perth & Kinross	1.8			Missing dates
49	2 Industrial/Warehouse/Office Buildings	Perth & Kinross	1.9			Missing dates
50	Distillery (Extension)	Fife	2.0			Missing dates
51	Swim School Facilities	Stirling	2.2			Missing dates
52	Petrol Filling Station	Angus	2.3			Missing dates
53	Community Centre (Extension)	Perth & Kinross	2.3			Missing dates
54	48 Flats (New/Extension)	Clackmannanshire	2.4			Missing dates
55	Local Road	Stirling	2.5			Missing dates
56	Heating Replacement Contract		2.5			Missing dates

Number	Heading	Local Authority	Value (£m)	Start date	End date	Reason
57	20 Flats & 18 Houses	Angus	2.6			Missing dates
58	Football Ground Pavilion	Dundee	2.9			Missing dates
59	Care Home	Falkirk	3.0			Missing dates
60	34 Flats & 1 Nursery/Retail Unit (Conversion/Alterations)	Dundee	3.5			Missing dates
61	49 Flats (New/Conversion)	Dundee	6.0			Missing dates
62	Distillery Building (Conversion/Alterations)	Fife	8.0			Missing dates
63	Museum (Refurbishment)		8.0			Missing dates
64	122 Houses	Falkirk	9.2			Missing dates
65	Leisure Development	Fife	11.4			Missing dates
66	159 Houses	Perth & Kinross	11.9			Missing dates
67	2 Supermarkets & 7 Retail Units	Fife	13.9			Missing dates
68	50000 Solar Panels	Fife	13.9			Missing dates
69	88 Residential Units/Offices & 1 Hotel	Dundee	40.0			Missing dates
70	Data Centre Building	Fife	150.0			Missing dates
71	Pedestrian Bridge	Stirling	0.5			Missing dates
72	Hotel (Extension/Alterations)	Stirling	0.9			Missing dates
73	Quantity Surveying Services Framework		0.3	01/06/2021	31/05/2024	Consultancy
74	Architectural Services Framework		0.3	14/02/2022	13/02/2025	Consultancy
75	Professional Services Framework	Falkirk	0.5	09/10/2018	11/10/2022	Consultancy
76	Civil & Structural Engineering Consultancy Framework		0.6	17/01/2023	17/01/2026	Consultancy
77	Consultant Services Framework		1.0	31/12/2021	02/01/2026	Consultancy
78	Design Team Framework		1.0	04/10/2022	04/10/2025	Consultancy
79	Professional Consultancy Services Framework		2.0	23/04/2021	25/04/2025	Consultancy
80	Flood Strategy		8.5	26/10/2020	22/07/2022	Consultancy
81	Consultancy Framework		150.9	12/09/2022	12/09/2026	Consultancy
82	Multi-Disciplinary Programme Support Services		180.0	06/04/2015	06/04/2025	Consultancy
83	Wind Turbines Installation Framework		480.0	29/01/2022	29/01/2030	Consultancy
84	Offshore Wind Farm	Angus	200.0	25/07/2022	25/08/2025	Duplicate
85	Carriageway (Dualling)		30.0	04/07/2022	08/07/2024	Duplicate
86	Carriageway (Dualling)	Perth and Kinross	30.0	07/03/2022	09/08/2027	Duplicate
87	38 Flats (Conversion)	Dundee	5.8	14/02/2022	13/02/2023	Duplicate
88	16 Flats & Commercial Units	Dundee	25.0	07/03/2022	29/01/2024	Duplicate
89	76 Houses	Dundee	5.0	18/11/2019	25/02/2022	Duplicate
90	Supermarket/ Discount store/3 Retail/Restaurant/ Food Outlet & Hotel Units	Perth & Kinross	7.0	28/06/2021	28/02/2022	Duplicate

Number	Heading	Local Authority	Value (£m)	Start date	End date	Reason
91	194 Residential Units	Angus	12.3	16/06/2021	08/02/2023	Duplicate
92	55 Residential units	Angus	9.0	14/06/2021	13/06/2022	Duplicate
93	Supermarket	Dundee	0.4	26/04/2021	28/01/2022	Duplicate
94	Discount Store (Fit-out)	Dundee City	0.6	07/12/2022	18/01/2023	Duplicate
95	85 Residential Units	Fife	14.6	07/12/2020	27/01/2023	Duplicate
96	62 Flats & 34 Houses	Fife	4.2	13/02/2023	11/03/2024	Duplicate
97	Road Works	Perth & Kinross	0.5	08/07/2022	08/04/2023	Duplicate
98	284 House/56 Flats & 3 Retail Units	Perth & Kinross	21.3	21/07/2022	21/03/2024	Duplicate
99	55 Houses	Perth & Kinross	3.7	17/11/2021	14/12/2022	Duplicate
100	144 House	Fife	10.0	13/04/2021	13/07/2023	Duplicate
101	241 Residential Units	Fife	15.1	01/02/2021	26/09/2022	Duplicate
102	1061 Elderly Houses/Flats & 11 Retail Units	Perth & Kinross	100.0	29/05/2017	29/05/2023	Duplicate
103	33 Houses	Perth & Kinross	4.3	07/02/2022	27/02/2023	Duplicate

Appendix E. Significant Glenigan projects in each area

This appendix provides a list of all the significant projects analysed. The projects appear in the following as they were put into the LFT.

Table E1: Significant Glenigan projects in Aberdeen City & Shire

WLC ID	Heading	Local Authority	Project Value (£m)	Start date	End date	Project Type
1	Industrial/Storage Development	Aberdeen	5.0	19/10/2021	28/06/2022	Private Industrial
2	456 Houses	Aberdeen	100.0	05/11/2012	05/11/2022	New housing
3	Link Road/ Roundabout (Improvements)	Aberdeen	17.6	01/06/2019	25/03/2022	Infrastructure
4	46 Flats	Aberdeen	9.0	21/06/2021	16/09/2022	New housing
5	Harbour	Aberdeen	297.0	01/04/2017	31/08/2022	Infrastructure
6	Hospital & Cancer Centre	Aberdeen	161.0	09/12/2020	07/08/2023	Public Non-housing
7	Hotel & Restaurant	Aberdeen	14.0	07/02/2022	07/02/2023	Private Commercial
8	118 Residential Units	Aberdeen	15.0	25/10/2021	23/10/2023	New housing
9	369 Flats	Aberdeen	47.0	28/10/2019	31/10/2023	New housing
10	Leisure Centre (Extension/Alterations)	Aberdeen	4.8	06/09/2021	25/04/2022	Private Commercial
11	245 Flats & Commercial Units	Aberdeen	70.0	07/03/2022	06/03/2023	New housing
12	23 Flats	Aberdeen	8.8	24/05/2021	11/11/2022	New housing
13	302 Flats	Aberdeen	29.9	23/09/2019	31/03/2022	New housing
14	Bio-Therapeutics Hub	Aberdeen	17.7	29/03/2021	01/07/2022	Public Non-housing
15	370 Houses/166 Flats & Commercial Units	Aberdeen	30.8	09/03/2022	18/09/2024	New housing
16	92 Residential Units	Aberdeen	15.8	22/02/2021	01/08/2022	New housing
17	213 Residential Units	Aberdeen	12.6	17/03/2022	07/03/2024	New housing
18	Primary School	Aberdeen	25.0	21/03/2022	06/11/2023	Public Non-housing
19	Light Industrial (Extension)	Aberdeen	7.9	16/05/2022	06/03/2023	Private Industrial
20	Leisure Centre/Bar (Conversion)	Aberdeen	4.5	15/11/2021	16/05/2022	Private Commercial
21	School	Aberdeen	14.0	07/12/2021	28/07/2023	Public Non-housing
22	154 Houses	Aberdeen	9.2	14/03/2022	02/10/2023	New housing
23	University Business School (Extension/Alterations)	Aberdeen	3.9	28/02/2022	14/11/2022	Public Non-housing
24	208 Residential Units	Aberdeen	12.3	14/03/2022	06/11/2023	New housing
25	Primary School	Aberdeen	17.0	11/10/2021	27/03/2023	Public Non-housing
26	Supermarket	Aberdeen	2.7	02/11/2021	31/03/2022	Private Commercial

WLC ID	Heading	Local Authority	Project Value (£m)	Start date	End date	Project Type
27	85 Residential Units	Aberdeen	9.5	12/07/2021	08/08/2022	New housing
28	Mortuary	Aberdeen	11.0	09/02/2022	02/08/2023	Public Non-housing
29	237 Residential Units	Aberdeen	28.0	11/08/2022	04/04/2024	New housing
30	Supermarket	Aberdeen	3.8	18/05/2022	14/12/2022	Private Commercial
31	Food Hub Innovation Facility	Aberdeen	21.0	22/08/2022	01/05/2023	Private Industrial
32	Fish Processing/ Storage/Distribution (Conversion)	Aberdeen	5.3	14/03/2022	12/09/2022	Private Industrial
33	222 Houses	Aberdeen	13.2	04/07/2022	26/02/2024	New housing
34	Teaching Centre (Conversion/Alterations)	Aberdeen	8.5	24/11/2021	24/11/2022	Public Non-housing
35	Place Of Worship/ Community Centre (Conversion)	Aberdeen	4.7	11/04/2022	07/11/2022	Public Non-housing
36	Public Realm Improvement Project	Aberdeen	10.0	31/10/2022	01/12/2023	Infrastructure
37	Football Stadium (New)	Aberdeen	10.0	08/08/2022	08/08/2023	Private Industrial
38	City Centre Redevelopment	Aberdeen City	200.0	01/06/2015	01/06/2040	Private Commercial
39	Housing Stock Improvement Programme 2017 – 2020/21 Framework	Aberdeen City	160.0	18/04/2018	20/04/2022	Housing R&M
40	Golf Resort/Hotel & Holiday Homes	Aberdeenshire	1,000.0	01/07/2010	30/12/2024	Private Commercial
41	95 Residential Units/ Tourism/Leisure/ Hotel & Lodges	Aberdeenshire	100.0	27/12/2021	27/12/2022	New housing
42	Electricity Substation	Aberdeenshire	75.0	12/07/2021	15/09/2023	Infrastructure
43	Converter Station	Aberdeenshire	30.0	15/11/2021	15/05/2023	Infrastructure
44	176 Houses	Aberdeenshire	13.2	07/12/2020	27/06/2022	New housing
45	Sports Centre (Extension/ Alterations)	Aberdeenshire	15.0	14/02/2022	12/06/2023	Private Industrial
46	99 Houses	Aberdeenshire	6.1	01/08/2022	28/08/2023	New housing
47	125 Houses & Retail/ Commercial Development	Aberdeenshire	8.1	07/09/2020	21/02/2022	New housing
48	Industry/Storage (Extension)	Aberdeenshire	13.1	18/04/2022	27/03/2023	Private Industrial
49	Petrol Filling Station/ Restaurant/Cafe	Aberdeenshire	3.7	10/02/2022	15/09/2022	Infrastructure
35	Place Of Worship/ Community Centre (Conversion)	Aberdeen	4.7	11/04/2022	07/11/2022	Public Non-housing
36	Public Realm Improvement Project	Aberdeen	10.0	31/10/2022	01/12/2023	Infrastructure

WLC ID	Heading	Local Authority	Project Value (£m)	Start date	End date	Project Type
37	Football Stadium (New)	Aberdeen	10.0	08/08/2022	08/08/2023	Private Industrial
38	City Centre Redevelopment	Aberdeen City	200.0	01/06/2015	01/06/2040	Private Commercial
39	Housing Stock Improvement Programme 2017 – 2020/21 Framework	Aberdeen City	160.0	18/04/2018	20/04/2022	Housing R&M
40	Golf Resort/Hotel & Holiday Homes	Aberdeenshire	1,000.0	01/07/2010	30/12/2024	Private Commercial
41	95 Residential Units/ Tourism/Leisure/ Hotel & Lodges	Aberdeenshire	100.0	27/12/2021	27/12/2022	New housing
42	Electricity Substation	Aberdeenshire	75.0	12/07/2021	15/09/2023	Infrastructure
43	Converter Station	Aberdeenshire	30.0	15/11/2021	15/05/2023	Infrastructure
44	176 Houses	Aberdeenshire	13.2	07/12/2020	27/06/2022	New housing
45	Sports Centre (Extension/ Alterations)	Aberdeenshire	15.0	14/02/2022	12/06/2023	Private Industrial
46	99 Houses	Aberdeenshire	6.1	01/08/2022	28/08/2023	New housing
47	125 Houses & Retail/Commercial Development	Aberdeenshire	8.1	07/09/2020	21/02/2022	New housing
48	Industry/Storage (Extension)	Aberdeenshire	13.1	18/04/2022	27/03/2023	Private Industrial
49	Petrol Filling Station/ Restaurant/Cafe	Aberdeenshire	3.7	10/02/2022	15/09/2022	Infrastructure
50	20 Flats & 17 Houses	Aberdeenshire	5.1	14/02/2022	14/12/2022	New housing
51	15 Employment Units & Energy Centre	Aberdeenshire	4.3	07/03/2022	12/09/2022	Private Industrial
52	284 Houses	Aberdeenshire	16.7	26/05/2022	18/01/2024	New housing
53	Energy from Waste	Aberdeenshire	200.0	29/04/2022	11/04/2025	Infrastructure
54	Bridge	Aberdeenshire	50.0	07/03/2022	06/03/2023	Infrastructure
55	Waste Water Treatment Works Building	Aberdeenshire	16.0	25/01/2021	22/07/2022	Infrastructure
56	6 Business Units	Aberdeenshire	3.7	11/05/2022	16/11/2022	Private Industrial
57	Anaerobic Digestion Plant & Water Treatment Plant	Aberdeenshire	14.0	02/05/2022	24/04/2023	Infrastructure
58	Workshop (Extension/ Alterations)	Aberdeenshire	2.8	04/04/2022	03/10/2022	Private Industrial
59	29 Commercial Starter Units	Aberdeenshire	2.8	15/12/2021	22/06/2022	Private Industrial

WLC ID	Heading	Local Authority	Project Value (£m)	Start date	End date	Project Type
60	Storage & Distribution	Aberdeenshire	18.8	11/03/2022	09/12/2022	Private Industrial
61	Restaurant/Leisure (Conversion)	Aberdeenshire	12.0	07/03/2022	10/10/2022	Private Commercial
62	Residential Units	Aberdeenshire	6.3	27/09/2021	28/10/2022	New housing
63	64 Houses	Aberdeenshire	10.0	17/01/2022	13/02/2023	New housing
64	Airports (Framework)		50.0	25/10/2021	23/10/2023	Infrastructure
65	Road Improvement Works		7.0	11/04/2022	06/02/2023	Infrastructure
66	Water Treatment Works		52.0	05/10/2020	07/10/2022	Infrastructure
67	Shop/Restaurant/Leisure/Pub	Aberdeen	150	29/10/2022	29/04/2023	Private Commercial
68	143 Houses/41 Flats & 3 Business Units & 1 Care Home/Nursery	Aberdeenshire	11.33	07/12/2023	26/06/2025	New housing

Table E2: Significant Glenigan projects in Glasgow & West

WLC ID	Heading	Local Authority	Project Value (£m)	Start date	End date	Project Type
1	School	East Dunbarton	40.9	25/01/2021	26/08/2022	Public Non-housing
2	Leisure Centre	East Dunbarton	42.5	11/01/2021	14/08/2023	Private Commercial
3	Additional Support Needs School	East Dunbarton	23.0	24/09/2021	26/05/2023	Public Non-housing
4	Residential/Care Units/Retail/Petrol Filling Station	East Dunbartonshire	10.0	12/04/2022	07/02/2023	Private Commercial
5	265 Retirement/1 Care Home/1 Village Centre Units	East Renfrewshire	55.0	14/02/2022	12/02/2024	New housing
6	Road Network (Improvements)	East Renfrewshire	7.5	11/07/2022	17/04/2023	Infrastructure
7	834 Residential Units & 1 School	East Renfrewshire	150.0	05/02/2018	04/04/2022	New housing
8	Commercial Centre & Discount Store	East Renfrewshire	15.0	14/02/2022	16/01/2023	Private Commercial
9	315 Houses	East Renfrewshire	20.4	30/08/2021	24/04/2023	New housing
10	Enabling Works	East Renfrewshire	6.0	07/02/2022	10/10/2022	Infrastructure
11	Civil Works	East Renfrewshire	6.0	07/03/2022	08/08/2022	Infrastructure
12	196 Flats/10 Houses & 1 Retail/1 Community Hub	Glasgow	30.0	19/04/2021	17/04/2023	New housing
13	Mixed Use Development	Glasgow	30.2	21/02/2022	21/08/2023	New housing
14	Hotel	Glasgow	18.0	01/04/2021	01/04/2022	Private Commercial
15	Office/Retail/Restaurant Units	Glasgow	134.5	15/06/2020	17/08/2022	Private Commercial
16	237 Flats & Retail Units	Glasgow	18.2	01/06/2020	28/01/2022	New housing

WLC ID	Heading	Local Authority	Project Value (£m)	Start date	End date	Project Type
17	Care Home	Glasgow	15.0	16/05/2021	03/07/2022	Public Non-housing
18	Office Development	Glasgow	39.0	27/12/2021	19/06/2023	Private Commercial
19	70 Residential Units	Glasgow	10.0	01/02/2021	07/02/2022	New housing
20	727 Residential & Commercial Development	Glasgow	200.0	04/07/2022	07/08/2023	Public Non-housing
21	Business District	Glasgow	200.0	27/03/2017	29/03/2027	Private Commercial
22	Residential/ Commercial Development	Glasgow	100.0	28/06/2021	25/07/2022	New housing
23	550 Houses	Glasgow	80.0	28/02/2018	10/11/2025	New housing
24	2 Office Buildings	Glasgow	7.4	11/04/2022	09/01/2023	Private Commercial
25	University - Estate Development Strategy	Glasgow	500.0	25/05/2017	27/05/2027	Public Non-housing
26	413 Residential Units/ Office/Commercial Units	Glasgow	90.0	03/02/2020	01/08/2023	New housing
27	31 Flats	Glasgow	17.5	26/05/2022	15/06/2023	New housing
28	433 Flats & Commercial Units	Glasgow	78.0	08/02/2021	20/10/2023	New housing
29	Road Bridge Works	Glasgow	79.5	02/05/2022	05/05/2025	Infrastructure
30	169 Student Flats	Glasgow	15.0	14/03/2022	14/03/2023	Public Non-housing
31	Residential Units	Glasgow	12.0	21/03/2022	19/12/2022	New housing
32	Footbridge	Glasgow	29.5	03/01/2022	24/11/2023	Infrastructure
33	156 Flats & 47 Townhouses	Glasgow	13.3	21/02/2022	20/03/2023	New housing
34	Petrol Filling Station	Glasgow	3.2	12/04/2022	02/08/2022	Infrastructure
35	Hotel & Apart Hotel	Glasgow	53.0	01/07/2019	01/04/2022	Private Commercial
36	Mosque (Extension)	Glasgow	7.2	27/06/2022	27/03/2023	Public Non-housing
37	Hotel	Glasgow	30.0	14/02/2022	03/04/2023	Private Commercial
38	47 Residential Units	Glasgow	10.5	14/02/2022	06/03/2023	New housing
39	Hotel/ Serviced apartments/ Office & Retail Units	Glasgow	100.0	21/02/2022	13/02/2023	Private Commercial
40	Hotel	Glasgow	8.0	29/11/2021	21/11/2022	Private Commercial
41	Office Building	Glasgow	8.8	10/07/2022	10/06/2023	Private Commercial
42	201 Houses/Town Houses/Flats	Glasgow	90.0	13/06/2022	21/10/2024	New housing
43	Office & Restaurant (New/Extension)	Glasgow	6.5	16/03/2022	14/12/2022	Private Commercial
44	166 Houses	Glasgow	17.0	12/02/2022	02/09/2023	New housing
45	Indoor Training Facility	Glasgow	19.5	15/03/2022	02/05/2023	Public Non-housing
46	221 Flats & 33 Houses	Glasgow	27.5	28/06/2021	03/06/2024	New housing
47	New Health Centre	Glasgow	67.0	05/10/2020	26/01/2024	Public Non-housing
48	Hotel	Glasgow	18.0	04/01/2022	21/02/2023	Private Commercial
49	151 Flats	Glasgow	16.0	14/03/2022	02/10/2023	New housing
50	Golf Course	Glasgow	10.0	13/06/2022	31/07/2023	Private Commercial
51	School (Extension/ Alterations)	Glasgow	0.8	24/01/2022	21/02/2022	Public Non-housing

WLC ID	Heading	Local Authority	Project Value (£m)	Start date	End date	Project Type
52	Non Food Retail (Alterations)	Glasgow	2.5	12/04/2022	12/07/2022	Private Industrial
53	Hospital (Conversion)	Glasgow	3.9	14/09/2021	22/02/2022	Public Non-housing
54	Office (Alterations)	Glasgow	3.0	18/04/2022	12/09/2022	Private Commercial
55	227 Houses	Glasgow	14.9	02/03/2023	24/10/2024	New housing
56	Office Refurbishment	Glasgow	25.0	31/01/2022	11/03/2022	Private Commercial
57	Housing Improvements	Glasgow	11.1	01/04/2022	31/03/2023	Housing R&M
58	Nuclear Facilities Clyde Framework	Glasgow City	1300.0	04/06/2018	05/06/2028	Infrastructure
59	Enabling Works	Glasgow City	30.0	28/03/2022	27/03/2023	Infrastructure
60	Offices & 300 Homes	Glasgow City	216.3	05/11/2018	06/11/2023	Private Commercial
61	Water & Waste Water Services Framework	Glasgow City	45.3	01/10/2018	03/10/2022	Infrastructure
62	Major Works Framework Agreement	Glasgow City	250.0	09/02/2018	09/02/2022	Public Non-housing
63	University Construction & Maintenance Framework	Glasgow City	250.0	15/05/2020	15/05/2024	Public Non-housing
64	College Library (Restoration)	Glasgow City	100.0	01/10/2018	07/03/2022	Public Non-housing
65	Road & Ground Works	Glasgow City	6.0	02/05/2022	02/01/2023	Infrastructure
66	Office (Refurb)	Glasgow City	6.0	11/04/2022	11/10/2022	Private Commercial
67	198 Houses	Inverclyde	27.1	28/08/2020	31/01/2023	New housing
68	Flats Improvements	Inverclyde	25.7	01/04/2022	01/04/2024	Housing R&M
69	Town Hall (Alterations)	Renfrewshire	22.0	12/04/2021	30/11/2022	Public Non-housing
70	Museum (Extension/ Alterations)	Renfrewshire	42.0	05/07/2021	16/12/2022	Public Non-housing
71	Advanced Manufacturing Innovation District Development	Renfrewshire	42.5	26/10/2020	14/10/2022	Public Non-housing
72	Medicines Manufacturing Innovation Centre	Renfrewshire	22.6	01/08/2020	28/01/2022	Public Non-housing
73	58 Houses & 41 Flats	Renfrewshire	16.7	15/06/2020	30/04/2022	New housing
74	131 Houses	Renfrewshire	19.0	21/09/2020	25/03/2022	New housing
75	Enabling Works	Renfrewshire	5.0	07/03/2022	19/09/2022	Infrastructure
76	13 Industrial Units	Renfrewshire	11.4	01/03/2021	31/01/2022	Private Industrial
77	Airport Works	Renfrewshire	11.5	15/03/2021	15/06/2022	Infrastructure
78	Civil Engineering Works	Renfrewshire	5.0	25/10/2021	24/01/2022	Infrastructure
79	Housing Improvements	Renfrewshire	60.0	01/04/2022	01/04/2024	Housing R&M
80	180 Houses & 16 Flats	Renfrewshire	12.9	17/07/2022	17/01/2024	New housing
81	Energy From Waste Facility	West Dunbartonshire	20.0	27/12/2021	27/10/2022	Infrastructure
82	Hospital (Extension)	West Dunbartonshire	40.0	03/08/2020	30/12/2022	Public Non-housing
83	76 Residential Units	West Dunbartonshire	10.5	25/04/2022	22/05/2023	New housing
84	Hospital (Extension)	West Dunbartonshire	44.0	01/06/2021	01/03/2023	Public Non-housing
85	44 Houses & 22 Flats	West Dunbartonshire	30.0	04/01/2021	19/08/2022	New housing

WLC ID	Heading	Local Authority	Project Value (£m)	Start date	End date	Project Type
86	Water Infrastructure Works		150.0	08/06/2016	08/06/2028	Infrastructure
87	Public Realm Infrastructure Works Framework		150.0	12/08/2019	15/08/2022	Infrastructure
88	Construction & Trades Framework		430.0	06/01/2020	02/01/2023	Infrastructure
89	Roads Maintenance Framework		690.0	03/08/2020	31/07/2028	Infrastructure
90	Station Enhancements Works		57.0	11/10/2021	10/10/2022	Infrastructure
91	Housing Construction Framework		400.0	01/04/2019	03/04/2023	New housing
92	Contractor Framework		200.0	01/06/2019	03/06/2023	New housing
93	Schools		1000.0	01/04/2022	02/04/2027	Public Non-housing
94	New Build & CTIW Framework		100.0	01/09/2020	03/09/2024	New housing
95	Office (Fit Out)		40.0	28/02/2022	29/05/2023	Private Commercial
96	Railway Station		15.0	15/01/2024	16/08/2024	Infrastructure
97	Railway Tracks		5.5	08/08/2022	12/12/2022	Infrastructure
98	Infrastructure Delivery Framework		450.0	10/06/2021	10/06/2027	Infrastructure
99	Gas Mains (Replacement) Framework		207.6	05/02/2021	05/02/2028	Infrastructure
100	Contractors Works Framework		60.0	06/10/2021	07/10/2026	Infrastructure
101	Capital Investment/ Maintenance Framework		272.0	01/04/2021	29/03/2029	Infrastructure
102	Regional Contractor Services Framework		5000.0	44470	46661	Infrastructure
103	Fire & Rescue Buildings Upgrade Works		50.0	07/12/2021	07/12/2023	Public Non-housing
104	Sub Contractor Framework		500.0	44826	45557	New housing
105	Energy Efficiency Framework Contract		800.0	02/04/2018	30/03/2026	Public Non-housing
106	Housing Framework		1500.0	01/09/2019	03/09/2023	New housing
107	Residential External Upgrade Works		40.0	26/02/2019	28/02/2023	Housing R&M
108	Asbestos Works & Services Framework		48.0	06/11/2019	08/11/2023	Infrastructure
109	Domestic Gas Boiler Maintenance Framework		40.0	19/10/2018	19/10/2022	Housing R&M
110	Demolition Framework		72.0	28/07/2020	28/07/2024	Infrastructure
111	Property Maintenance Framework		68.4	01/05/2021	03/05/2025	Housing R&M
112	Outdoor Play & Sports Framework		60.0	02/05/2022	29/04/2024	Public Non-housing

WLC ID	Heading	Local Authority	Project Value (£m)	Start date	End date	Project Type
113	Energy Efficiency Contractors Framework		800.0	14/03/2022	14/03/2026	Public Non-housing
114	Specialist Trades Contractors Framework		35.0	18/10/2021	18/10/2025	Public Non-housing
115	Electric Vehicle Charging Infrastructure Framework		80.0	23/12/2022	23/12/2024	Infrastructure
116	Roads Maintenance Works Framework		40.0	03/03/2022	02/03/2026	Infrastructure

Table E3: Significant Glenigan projects in Highlands & Islands

WLC ID	Heading	Local Authority	Project Value (£m)	Start date	End date	Project Type
1	300 Residential Units	Argyll & Bute	56.0	01/03/2019	31/03/2022	New housing
2	Golf Course Maintenance Building	Argyll & Bute	1.0	02/05/2022	08/08/2022	Private Commercial
3	125 Houses & 20 Flats	Argyll & Bute	10.9	11/01/2021	28/10/2023	New housing
4	Flood Defence, Amenities & Leisure Services Improvements	Argyll & Bute	15.0	10/08/2020	26/08/2022	Private Commercial
5	Distillery	Argyll & Bute	15.5	28/02/2022	28/11/2022	Private Industrial
6	101 Houses	Argyll & Bute	6.8	26/04/2022	10/10/2023	New housing
7	Submarine Training Facility	Argyll & Bute	58.0	29/09/2020	17/10/2023	Public Non-housing
8	Distillery & Visitor Centre (New/Alterations)	Argyll & Bute	11.8	07/02/2022	07/08/2023	Private Industrial
9	Care Home	Argyll & Bute	6.3	14/09/2020	04/04/2022	Public Non-housing
10	Multi Storey Car Park	Argyll & Bute	9.9	30/05/2022	15/05/2023	Infrastructure
11	Food Production Facility	Argyll & Bute	6.1	09/03/2022	07/09/2022	Private Industrial
12	10 Warehouses	Argyll & Bute	8.9	23/02/2022	02/11/2022	Private Industrial
13	Hotel (Extension/Alterations)	Argyll & Bute	2.2	22/09/2021	04/05/2022	Private Commercial
14	2 Warehouses	Argyll & Bute	2.0	17/11/2021	25/05/2022	Private Industrial
15	Hotel	Highland	18.0	16/11/2020	14/11/2022	Private Commercial
16	Hydro Electric Schemes	Highland	1,600.0	15/06/2022	13/06/2029	Infrastructure
17	Offshore Wind Farm	Highland	2,600.0	04/02/2020	31/01/2023	Infrastructure
18	24 Wind Turbines	Highland	50.0	02/05/2022	03/04/2023	Infrastructure
19	37 Residential Units	Highland	6.4	14/09/2020	31/03/2022	New housing
20	3 Flats & 1 Play Centre/1 Cafe	Highland	4.0	13/06/2022	04/07/2022	New housing

WLC ID	Heading	Local Authority	Project Value (£m)	Start date	End date	Project Type
21	60 Residential Units	Highland	4.0	21/12/2021	17/01/2023	New housing
22	22 Wind Turbines	Highland	89.0	09/05/2022	29/04/2024	Infrastructure
23	Carriageway (Dualling)	Highland	2,000.0	05/10/2015	27/06/2025	Infrastructure
24	315 Residential Units	Highland	20.5	01/06/2018	09/05/2022	New housing
25	72 Houses/Flats & 3 Health Centre/Shop Units	Highland	5.6	18/01/2022	14/02/2023	New housing
26	Warehouse (Conversion)	Highland	4.0	01/11/2021	01/11/2022	Private Industrial
27	Prison	Highland	110.0	21/08/2022	21/10/2026	Public Non-housing
28	20 Flats/ Care Home/ Nursery/Commercial Units	Highland	5.8	08/11/2021	11/07/2022	New housing
29	Industrial Buildings (New/ Extension)	Highland	19.0	21/03/2022	22/05/2023	Private Industrial
30	Harbour Redevelopment	Highland	36.0	29/11/2021	30/10/2023	Infrastructure
31	Wind Farm	Highland	158.0	09/05/2022	21/04/2025	Infrastructure
32	Elective Care Centre	Highland	32.0	02/11/2020	30/05/2022	Public Non-housing
33	Hydro Electric Scheme	Highland	550.0	01/12/2022	30/12/2027	Infrastructure
34	Sports Building	Highland	3.0	07/02/2022	19/09/2022	Public Non-housing
35	Transit Flask Facility	Highland	30.0	08/03/2022	08/08/2023	Infrastructure
36	Care Home	Highland	4.5	01/02/2022	06/12/2022	Public Non-housing
37	140 Houses/Flats/ Bungalows	Highland	16.0	12/04/2021	03/10/2022	New housing
38	Hotel/Retail Outlets	Highland	12.00	21/03/2022	08/05/2023	Private Commercial
39	21 Holiday Flats (Conversion)	Highland	3.4	16/05/2022	14/11/2022	Private Commercial
40	Waste Materials Recovery Facility	Highland	12.0	14/06/2021	31/12/2022	Infrastructure
41	Road Works	Highland	3.0	15/08/2022	17/04/2023	Infrastructure
42	39 Wind Turbines	Highland	158.0	15/08/2022	28/07/2025	Infrastructure
43	Supermarket (Refurbishment/ Alterations)	Highland	1.5	14/03/2022	13/06/2022	Private Commercial
44	118 Houses & 58 Flats	Highland	25.0	01/12/2021	01/12/2023	New housing
45	Quay Works	Highland	19.0	05/04/2021	05/04/2024	Infrastructure
46	63 Bungalows & 31 Houses	Highland	6.1	22/09/2021	19/10/2022	Private Commercial
47	School	Highland	15.0	10/05/2021	14/10/2022	Public Non-housing
48	Site Decommissioning Framework	Highland	400.0	01/05/2019	01/05/2023	Infrastructure
49	180 Houses	Highland	11.4	04/01/2021	25/07/2022	New housing
50	Space Hub	Highland	17.3	12/04/2022	03/10/2023	Public Non-housing
51	Hotel (Conversion/ Alterations)	Highland	1.0	04/04/2022	04/07/2022	Private Commercial
52	Canal Works	Highland	4.2	29/03/2021	04/04/2022	Infrastructure
53	24 Houses & 8 Flats	Highland	4.6	20/04/2022	17/05/2023	New housing
54	Inverness Campus	Highland	9.0	02/08/2021	27/09/2022	Public Non-housing
55	Commercial Units (New/ Conversion)	Highland	2.8	25/04/2022	05/12/2022	Private Commercial
56	Road Works	Highland	4.0	23/05/2022	16/01/2023	Infrastructure
57	Learning/Exhibition & Venue Space (Conversion/Alterations)	Highland	20.0	21/02/2022	23/12/2024	Public Non-housing

WLC ID	Heading	Local Authority	Project Value (£m)	Start date	End date	Project Type
58	Fish Processing Plant	Highland	2.6	21/03/2022	26/09/2022	Private Industrial
59	117 Residential Units	Highland	12.0	03/08/2020	27/05/2022	New housing
60	Forest road	Highland	18.5	28/09/2020	21/09/2022	Infrastructure
61	2 Retail Units/1 Hotel	Highland	4.0	04/10/2021	07/10/2022	Private Commercial
62	Hospital (Refurbishment)	Highland	2.5	08/06/2021	08/02/2022	Public Non-housing
63	Shop (Extension/Alterations)	Highland	2.1	07/01/2022	08/07/2022	Private Commercial
64	Fish Processing Plant (Extension/Alterations)	Highland	3.9	02/11/2021	03/05/2022	Private Industrial
65	Runway Rehabilitation Works	Highland	5.0	17/09/2022	17/09/2023	Infrastructure
66	117 Residential Units	Highland	7.5	18/05/2022	01/11/2023	New housing
67	Bottling Hall & Warehouse	Highland	2.1	18/01/2022	26/07/2022	Private Industrial
68	Housing Improvements Framework	Highland	20.0	01/12/2021	01/12/2024	Housing R&M
69	29 Houses/16 Flats/4 Bungalows	Highland	3.3	12/10/2022	12/04/2023	New housing
70	Warehouse (Conversion)	Highland	2.3	25/01/2022	19/07/2022	Private Industrial
71	Car Showroom (Conversion)	Highland	1.3	20/01/2022	05/05/2022	Private Commercial
72	Anaerobic Digestion Facility/Energy Centre	Highland	6.0	04/04/2022	09/01/2023	Infrastructure
73	200,000 Panel Solar Farm	Moray	55.0	02/05/2022	06/02/2023	Infrastructure
74	Air Craft Hangar/Lodges	Moray	100.0	13/08/2018	07/02/2022	Infrastructure
75	Anaerobic Digestion Facility	Moray	7.1	07/04/2022	12/01/2023	Infrastructure
76	Factory & Vehicle Workshop (New/Extension)	Moray	1.9	04/04/2022	03/10/2022	Private Industrial
77	181 Houses & 100 Flats/35 Bungalows	Moray	19.6	07/03/2022	10/03/2025	New housing
78	Storage Building	Moray	2.3	28/02/2022	22/08/2022	Private Industrial
79	55 Bungalows/45 Houses/12 Flats	Moray	25.0	10/05/2021	24/10/2022	Private Commercial
80	Indoor Play Area/Gym/Cafe/Snack Bar (Conversion/Alterations)	Moray	3.4	28/02/2022	29/08/2022	Public Non-housing
81	52 Houses/24 Flats/10 Bungalows	Moray	5.3	13/06/2022	10/07/2023	New housing
82	Warehouse & Distribution Units	Moray	1.8	15/11/2021	23/05/2022	Private Industrial

WLC ID	Heading	Local Authority	Project Value (£m)	Start date	End date	Project Type
83	Distillery (New/Alterations)	Moray	3.0	04/10/2021	31/05/2022	Private Industrial
84	Footbridge Works	Moray	1.8	07/03/2022	20/06/2022	Infrastructure
85	Wastewater Treatment Works	Moray	20.7	12/07/2021	15/07/2022	Infrastructure
86	40 Houses	Moray	7.4	05/04/2021	17/10/2022	New housing
87	RAF Lossiemouth (Refurbishment/Extension)	Moray	21.0	17/08/2020	07/03/2022	Private Industrial
88	RAF Base Works	Moray	21.0	17/08/2020	07/03/2022	Public Non-housing
89	Fire & Rescue Station	Moray	9.0	13/08/2021	25/11/2022	Public Non-housing
90	Warehouses	Moray	9.0	01/02/2021	25/02/2022	Private Industrial
91	16 Bonded Warehouses	Moray	13.2	19/05/2021	18/05/2022	Private Industrial
92	4 Bonded Warehouse Units	Moray	3.5	16/08/2021	21/02/2022	Private Industrial
93	2 Workshops & Stores	Moray	10.5	19/01/2022	19/10/2022	Private Industrial
94	Industrial Unit (Extension/Alterations)	Moray	3.5	02/02/2022	03/08/2022	Private Industrial
95	Leachate Treatment Facility	Na h-Eileanan Siar	2.5	09/08/2021	14/02/2022	Infrastructure
96	Pier Works	Na h-Eileanan Siar	12.0	11/01/2022	11/11/2022	Infrastructure
97	Dam Works	Na h-Eileanan Siar	5.0	02/05/2022	27/02/2023	Private Commercial
98	Care Home	Orkney Isles	12.3	12/02/2022	13/04/2024	Public Non-housing
99	2 Wind Turbines	Shetland Isles	580.0	17/08/2020	19/08/2024	Infrastructure
100	63 Houses & 61 Flats	Shetland Isles	10.1	10/12/2021	02/06/2023	New housing
101	Aquaculture Net Cleaning Facility	Shetland Isles	45.0	13/01/2022	15/06/2023	Infrastructure
102	Ferry Terminal (Improvements)	Western Isles	60.0	02/03/2020	26/09/2022	Infrastructure
103	76 Houses & Extra Care Facility	Western Isles	50.0	29/06/2020	01/02/2022	New housing
104	3 Warehouses	Western Isles	2.5	06/12/2021	13/06/2022	Private Industrial
105	Factory Building	Western Isles	2.7	05/01/2022	13/07/2022	Private Industrial
106	Distillery Unit (Alterations)	Western Isles	6.5	04/04/2022	03/10/2022	Private Industrial
107	Residential Development Framework		300.0	05/05/2014	05/05/2024	New housing
108	Water/Waste Water (Framework)		150.0	01/04/2016	01/04/2028	Infrastructure
109	Railway Embankment		4.8	07/03/2022	18/07/2022	Infrastructure

WLC ID	Heading	Local Authority	Project Value (£m)	Start date	End date	Project Type
110	Road & Infrastructure Works		15.0	29/01/2022	29/07/2024	Infrastructure
111	Planned Reactive Maintenance & Voids Work Framework		27.0	04/12/2019	04/12/2024	Housing R&M
112	Effluent Treatment Plant		10.0	07/03/2022	20/03/2023	Infrastructure
113	Dual Carriageway		50.0	14/02/2022	12/02/2024	Infrastructure
114	Reactive Maintenance, Cyclical & Capital Investment Framework		15.0	23/11/2018	25/11/2022	Housing R&M
115	Flood Protection Scheme		11.0	07/06/2021	02/06/2023	Infrastructure
116	Trunk Road Network Maintenance Contract Framework		900.0	14/03/2022	11/02/2030	Infrastructure
117	Bridge Works		10.0	04/04/2022	05/12/2022	Infrastructure
118	Flood Protection Works		9.3	28/02/2022	27/02/2023	Infrastructure
119	Engineering Works	Highland	9.9	12/04/2021	06/06/2022	Infrastructure
120	Tourist Centre (Refurbishment)	Highland	4.4	31/08/2022	28/06/2023	Public Non-housing
121	Visitor Centre/ Commercial Units (New/ Extension)	Highland	3.0	15/11/2021	29/08/2022	Public Non-housing

Table E4: Significant Glenigan projects in Lanarkshire

WLC ID	Heading	Local Authority	Project Value (£m)	Start date	End date	Project Type
1	14 Industrial Units	North Lanarkshire	5.7	04/07/2022	13/03/2023	Private Industrial
2	Motorway (Upgrade)	North Lanarkshire	320.0	30/04/2009	30/04/2029	Infrastructure
3	3 Industrial Units	North Lanarkshire	5.0	11/04/2022	19/12/2022	Private Industrial
4	Residential Development	North Lanarkshire	31.2	10/07/2022	10/08/2023	New housing
5	83 Residential Units	North Lanarkshire	9.0	14/02/2022	13/03/2023	New housing
6	Supermarket	North Lanarkshire	15.0	07/02/2022	12/09/2022	Private Commercial
7	Road Link	North Lanarkshire	127.0	10/02/2022	22/01/2026	Infrastructure
8	540 Residential/1 Supermarket & 9 Commercial Units	North Lanarkshire	34.9	09/05/2022	18/11/2024	New housing
9	Industrial/Office/Warehouse Units	North Lanarkshire	19.4	21/02/2022	21/11/2022	Private Industrial
10	133 Flats	North Lanarkshire	14.0	01/11/2020	01/04/2022	New housing
11	Recycling Facility	North Lanarkshire	350.0	19/04/2022	01/04/2025	Infrastructure
12	199 Residential Units	North Lanarkshire	15.0	21/02/2022	16/10/2023	New housing
13	School	North Lanarkshire	18.2	21/02/2022	24/07/2023	Public Non-housing
14	Carriageway & Car Parking Resurfacing/Reconstruction Framework	North Lanarkshire	20.0	17/05/2018	19/05/2022	Infrastructure

WLC ID	Heading	Local Authority	Project Value (£m)	Start date	End date	Project Type
15	Gym (Conversion/Alterations)	North Lanarkshire	3.1	01/11/2021	02/05/2022	Public Non-housing
16	3 Industrial/Business Units	North Lanarkshire	6.0	08/02/2021	13/05/2022	Private Industrial
17	638 Residential Units	North Lanarkshire	40.0	17/05/2021	27/11/2023	New housing
18	355 Residential Units	North Lanarkshire	30.0	21/03/2022	21/11/2022	New housing
19	Industrial Unit	North Lanarkshire	c	27/01/2022	04/08/2022	Private Industrial
20	89 Houses	North Lanarkshire	6.0	02/08/2021	01/08/2022	New housing
21	School	North Lanarkshire	19.0	12/07/2021	11/11/2022	Public Non-housing
22	25 Houses/2 Bungalows/2 Flats	North Lanarkshire	4.5	22/11/2021	14/10/2022	New housing
23	85 Houses	North Lanarkshire	10.6	08/02/2021	25/03/2022	New housing
24	Housing Improvements	North Lanarkshire	60.0	13/09/2021	12/09/2022	Housing R&M
25	Industrial Warehouse Building	North Lanarkshire	7.0	23/02/2022	22/02/2023	Private Industrial
26	5 Warehouses & 1 Canteen	North Lanarkshire	2.7	25/10/2021	02/05/2022	Private Industrial
27	535 Houses	North Lanarkshire	10.0	14/02/2022	12/02/2024	New housing
28	Supermarket	North Lanarkshire	3.2	01/06/2021	04/02/2022	Private Commercial
29	Infrastructure Works	North Lanarkshire	5.0	07/02/2022	05/12/2022	Infrastructure
30	Warehouse (Extension)	North Lanarkshire	4.7	15/03/2022	13/09/2022	Private Industrial
31	School/Health Clinic	North Lanarkshire	20.0	07/03/2022	29/05/2023	Public Non-housing
32	Supermarket/Retail Unit (Alterations)	North Lanarkshire	2.7	22/11/2021	08/03/2022	Private Commercial
33	Dual Carriageway	North Lanarkshire	127.2	10/02/2022	22/01/2026	Infrastructure
34	Light Industry	North Lanarkshire	6.8	20/06/2022	27/02/2023	Private Industrial
35	Trains Stabling Scheme	North Lanarkshire	10.0	14/02/2022	21/11/2022	Infrastructure
36	288 Houses	North Lanarkshire	18.7	03/07/2022	03/03/2024	New housing
37	5 Storage & Distribution Warehouses	North Lanarkshire	14.0	31/01/2022	26/01/2024	Private Industrial
38	Supermarket (Extension/Alterations)	North Lanarkshire	3.0	30/11/2021	31/05/2022	Private Commercial
39	Distribution Centre	North Lanarkshire	2.7	04/03/2022	09/09/2022	Private Industrial
40	Transport Depot	North Lanarkshire	3.3	09/02/2022	17/08/2022	Private Industrial
41	Warehouse/Industrial Unit/Commercial Unit	North Lanarkshire	4.9	17/01/2022	25/07/2022	Private Industrial
42	Automotive Industry Training Facility (Conversion)	North Lanarkshire	2.1	08/11/2021	21/03/2022	Public Non-housing
43	188 Houses	North Lanarkshire	12.3	11/10/2022	30/04/2024	New housing
44	71 Houses & 4 Flats	North Lanarkshire	5.1	24/11/2022	21/12/2023	New housing
45	107 Residential Units	North Lanarkshire	7.2	17/11/2022	02/05/2024	New housing
46	Carriageway Works	North Lanarkshire	21.0	01/03/2022	01/03/2023	Infrastructure

WLC ID	Heading	Local Authority	Project Value (£m)	Start date	End date	Project Type
47	Factory (Extension)	South Lanarkshire	4.7	14/03/2022	12/09/2022	Private Industrial
48	Commercial & Residential Development	South Lanarkshire	33	44256	46082	New housing
49	15 Wind Turbines	South Lanarkshire	60.0	04/04/2022	08/05/2023	Infrastructure
50	Quality & Standard IV Capital Investment Programme Framework	South Lanarkshire	120.0	01/04/2016	01/04/2022	Infrastructure
51	Roads Maintenance Framework	South Lanarkshire	690.0	03/08/2020	31/07/2028	Infrastructure
52	140 Houses/Luxury Houses	South Lanarkshire	10.5	20/06/2022	04/12/2023	New housing
53	128 Houses	South Lanarkshire	8.6	12/01/2022	28/06/2023	New housing
54	Road Work	South Lanarkshire	8.5	04/04/2022	10/04/2023	Infrastructure
55	70 Houses/Flats	South Lanarkshire	4.8	28/02/2022	27/03/2023	New housing
56	Anaerobic Digestion Plant	South Lanarkshire	4.9	07/03/2022	05/12/2022	Infrastructure
57	330 Residential Units	South Lanarkshire	28.7	11/01/2021	11/01/2023	New housing
58	10 Storage Units	South Lanarkshire	5.0	15/09/2021	29/04/2022	Private Industrial
59	274 Residential Units	South Lanarkshire	17.8	31/08/2020	02/09/2024	New housing
60	190 Residential Units	South Lanarkshire	12.5	18/05/2022	18/06/2024	New housing
61	131 Residential Units	South Lanarkshire	8.8	14/02/2022	31/07/2023	New housing
62	24 Sheltered Flats	South Lanarkshire	7.0	07/02/2022	27/02/2023	New housing
63	38 Residential Units	South Lanarkshire	6.5	18/01/2021	11/02/2022	New housing
64	55 Houses	South Lanarkshire	6.0	12/04/2022	22/08/2023	New housing
65	146 Houses & 18 Flats	South Lanarkshire	10.9	29/09/2022	29/03/2023	New housing
66	178 Residential Units (New/Alterations)	South Lanarkshire	11.8	31/05/2022	19/12/2023	New housing
67	Rugby Club (Extension)	South Lanarkshire	3.4	29/11/2021	11/07/2022	Private Industrial
68	11 Industrial Units	South Lanarkshire	2.5	06/12/2021	13/06/2022	Private Industrial
69	22 Self Storage Units	South Lanarkshire	10.3	11/04/2022	09/01/2023	Private Industrial
70	75 Residential Units	South Lanarkshire	5.1	20/01/2022	16/02/2023	New housing
71	20 Flats/16 Cottage Flats & 3 Houses (New/Alterations)	South Lanarkshire	4.5	08/03/2022	08/01/2023	New housing
72	School (Extension)	South Lanarkshire	4.0	24/01/2022	10/10/2022	Public Non-housing
73	228 Residential Units	South Lanarkshire	15.0	31/01/2022	25/09/2023	New housing
74	Industrial Unit	South Lanarkshire	4.7	28/02/2022	05/09/2022	Private Industrial
75	Ground Works	South Lanarkshire	7.0	07/03/2022	02/01/2023	Infrastructure
76	Asset Resource Centre	South Lanarkshire	9.8	22/02/2022	23/05/2023	Public Non-housing
77	206 Houses	South Lanarkshire	13.5	18/11/2022	12/07/2024	New housing
78	105 Houses	South Lanarkshire	7.0	21/07/2022	04/01/2024	New housing
79	295 Residential Units	South Lanarkshire	19.1	26/08/2022	19/04/2024	New housing
80	Groundworks Contract.	South Lanarkshire	6.0	05/04/2022	05/11/2022	Infrastructure
81	640 Houses	South Lanarkshire	40.2	17/07/2022	17/01/2025	New housing
82	155 Houses	South Lanarkshire	10.3	16/11/2022	05/06/2024	New housing

WLC ID	Heading	Local Authority	Project Value (£m)	Start date	End date	Project Type
83	Housing Improvements Framework		35.9	13/02/2018	15/02/2022	Housing R&M
84	Windows & Doors Measured Term Contract		50.0	01/04/2020	02/04/2025	Housing R&M
85	Heating System Replacement Contract		34.0	12/08/2021	15/08/2024	Public Non-housing
86	Resurfacing/Reconstruction & Minor Repairs Works Framework		10.0	29/10/2022	29/10/2024	Infrastructure
87	Carriageway & Car Park Resurfacing/Reconstruction Framework		20.0	29/10/2022	29/10/2024	Infrastructure
88	Roads Sub Contractor Framework		20.0	28/12/2018	30/12/2022	Infrastructure
89	Civil Engineering Works		1.0	07/03/2022	13/05/2022	Infrastructure
90	Access Road Works		7.0	03/01/2022	31/10/2022	Infrastructure

Table E5: Significant Glenigan projects in South East

WLC ID	Heading	Local Authority	Project Value (£m)	Start date	End date	Project Type
1	Business Park	City of Edinburgh	700.0	19/09/2022	20/09/2027	Private Commercial
2	Music & Performing Arts Venue	City of Edinburgh	75.0	28/03/2022	28/03/2025	Private Commercial
3	Rail Framework	City of Edinburgh	1,900.0	01/07/2019	29/09/2025	Infrastructure
4	Road (Alterations)	City of Edinburgh	5.0	02/05/2022	10/10/2022	Infrastructure
5	University Masterplan	City of Edinburgh	1,500.0	07/12/2015	07/12/2025	Public Non-housing
6	152 Residential Units (Fit Out/Refurbishment)	City of Edinburgh	80.0	02/08/2021	26/08/2022	Housing R&M
7	Hotel (Fit Out)	City of Edinburgh	38.5	16/05/2022	14/08/2023	Private Commercial
8	Petrol Filling Station	East Lothian	5.8	09/03/2022	07/09/2022	Infrastructure
9	Care Home/Hotel	East Lothian	13.0	25/01/2021	27/01/2022	Public Non-housing
10	232 Houses & 42 Flats	East Lothian	17.8	25/05/2022	17/01/2024	New housing
11	Junction Improvement Works	East Lothian	11.5	10/01/2022	09/12/2022	Infrastructure
12	Storage Building	East Lothian	11.4	21/03/2022	19/12/2022	Private Industrial
13	Road Works	East Lothian	5.0	28/07/2022	28/09/2022	Infrastructure
14	99 Houses	East Lothian	11.0	22/07/2022	22/08/2023	New housing
15	Hospital Redevelopment	Edinburgh	181.0	05/02/2015	04/05/2023	Public Non-housing
16	Commercial Redevelopment	Edinburgh	350.0	24/02/2020	20/02/2023	Private Commercial
17	Educational Facility	Edinburgh	28.0	15/01/2020	28/01/2022	Public Non-housing

WLC ID	Heading	Local Authority	Project Value (£m)	Start date	End date	Project Type
18	Commercial/Residential Units/Hotel	Edinburgh	1,000.0	17/10/2016	17/01/2022	Private Commercial
19	Residential Development	Edinburgh	12.4	18/04/2022	15/05/2023	New housing
20	351 Flats/305 Houses & 1 Community Building	Edinburgh	75.0	06/01/2020	06/01/2024	New housing
21	Hotel (Redevelopment)	Edinburgh	85.0	08/07/2019	01/03/2022	Private Commercial
22	Hotel	Edinburgh	19.0	11/04/2022	24/04/2023	Private Commercial
23	Leisure Development	Edinburgh	10.0	07/03/2022	06/03/2023	Infrastructure
24	Student Accommodation	Edinburgh	40.0	15/11/2021	19/12/2022	Public Non-housing
25	6 Flats/1 Nursery/1 Library/1 Arts Centre	Edinburgh	26.0	44715	45289	New housing
26	315 Residential Units	Edinburgh	37.5	01/07/2019	01/01/2023	New housing
27	527 Flats & Commercial Units	Edinburgh	65.0	15/03/2022	24/09/2024	New housing
28	Hospital (Extension/Alterations)	Edinburgh	27.0	11/11/2019	09/05/2022	Public Non-housing
29	338 Flats & 2 Commercial Units	Edinburgh	80.0	23/03/2022	15/11/2023	New housing
30	152 Flats & Commercial Units	Edinburgh	50.0	44705	45272	New housing
31	University Building	Edinburgh	22.0	07/03/2022	07/08/2023	Public Non-housing
32	University (Extension)	Edinburgh	32.0	17/02/2020	03/06/2022	Public Non-housing
33	43 Residential Units	Edinburgh	15.0	23/11/2020	13/04/2022	New housing
34	Residential / Leisure Development	Edinburgh	1,300.0	07/09/2021	09/09/2031	New housing
35	31 Flats/2 Hotels & Retail Units (New/Extension)	Edinburgh	32.0	28/03/2022	23/10/2023	New housing
36	4 Retail Units & Health Centre	Edinburgh	6.0	08/03/2022	11/10/2022	Private Commercial
37	Pedestrian & Cycle Bridge	Edinburgh	20.4	01/01/2021	29/04/2022	Infrastructure
38	University Robotics Centre	Edinburgh	13.9	18/01/2021	28/02/2022	Public Non-housing
39	Botanic Garden	Edinburgh	70.0	13/12/2021	17/01/2028	Infrastructure
40	Student Accommodation	Edinburgh	21.0	18/01/2021	15/08/2022	Public Non-housing
41	School (Extension)	Edinburgh	9.5	01/07/2021	18/03/2022	Public Non-housing
42	80 Student Flats	Edinburgh	18.0	07/02/2022	19/06/2023	Public Non-housing
43	New Schools Programme	Edinburgh	1,000.0	44307	46133	Public Non-housing
44	Brewery Development	Edinburgh	20.0	03/02/2022	13/10/2022	Private Industrial
45	Residential & Community Units (New/Conversion)	Edinburgh	10.0	44396	44676	New housing

WLC ID	Heading	Local Authority	Project Value (£m)	Start date	End date	Project Type
46	66 Flats & Student Accommodation/ Commercial Units	Edinburgh	24.0	44663	45391	New housing
47	66 Student Flats/20 Flats & 4 Shops/1 Cafe	Edinburgh	36.9	44662	45159	Public Non-housing
48	Whole House Retrofit Framework	Edinburgh	200.0	01/12/2021	28/11/2029	Housing R&M
49	Cinema/Office/ Restaurant	Edinburgh	5.0	14/03/2022	19/09/2022	Private Commercial
50	29 Student Cluster Flats (New/Alterations)	Edinburgh	15.0	25/01/2021	28/01/2022	Public Non-housing
51	89 Houses/87 Flats	Edinburgh	18.0	24/06/2022	12/01/2024	New housing
52	126 Flats	Edinburgh	14.0	05/08/2021	19/01/2023	New housing
53	600 Residential & Commercial Units	Edinburgh	100.0	14/03/2022	15/03/2027	New housing
54	Hotel (Conversion/ Extension)	Edinburgh	6.9	14/03/2022	16/09/2022	Private Commercial
55	Tram Works	Edinburgh	115.0	29/11/2019	05/05/2023	Infrastructure
56	Housing Improvements	Edinburgh	82.7	16/08/2021	17/08/2026	Housing R&M
57	Office	Edinburgh	40.0	27/04/2020	26/08/2022	Private Commercial
58	Hotel & Hostel (Conversion)	Edinburgh	39.4	26/11/2021	01/07/2022	Private Commercial
59	18 Industrial/Warehouse/ Builders Merchant Units	Edinburgh	30.0	11/02/2022	03/02/2023	Private Industrial
60	New Build Housing Construction Framework	Edinburgh	500.0	01/04/2022	03/04/2026	New housing
61	Hospital Office/Research Facility	Edinburgh	20.0	10/01/2022	11/09/2023	Public Non-housing
62	Offices & Retail Units	Edinburgh	97.0	17/08/2020	24/04/2023	Private Commercial
63	2 Cargo Buildings	Edinburgh	7.7	30/11/2021	09/08/2022	Private Industrial
64	304 Homes	Midlothian	19.7	28/07/2022	28/03/2024	New housing
65	Primary School	Midlothian	10.0	07/02/2022	09/01/2023	Public Non-housing
66	Sports & Leisure Club	Midlothian	12.5	20/04/2022	07/06/2023	Public Non-housing
67	46 Extra Care Flats/1 Intermediate Care Facility (New/Alterations)	Midlothian	20.0	03/05/2022	23/05/2023	New housing
68	10 Holiday Lodges	Scottish Borders	30.0	04/04/2022	24/04/2023	Private Commercial
69	Flood Protection	Scottish Borders	52.2	18/05/2020	30/09/2023	Infrastructure
70	Distillery Unit	Scottish Borders	46.0	07/02/2022	30/01/2023	Private Industrial
71	206 Houses	Scottish Borders	25.0	03/07/2022	03/03/2024	New housing
72	Distillery	Scottish Borders	20.0	21/02/2022	13/02/2023	Private Industrial

WLC ID	Heading	Local Authority	Project Value (£m)	Start date	End date	Project Type
73	Office Building	Scottish Borders	29.0	27/07/2020	21/01/2022	Private Commercial
74	Water Treatment Works	Scottish Borders	25.0	05/02/2021	28/10/2022	Infrastructure
75	700 Residential Units	West Lothian	143.9	03/01/2022	03/01/2027	New housing
76	258 Houses & 1 School (Extension)	West Lothian	19.4	13/06/2022	05/02/2024	New housing
77	185 Residential Units	West Lothian	20.0	29/11/2021	11/11/2022	New housing
78	190 Houses	West Lothian	12.5	02/07/2022	02/07/2023	New housing
79	School	West Lothian	60.5	17/08/2020	28/10/2022	Public Non-housing
80	Ground Works	West Lothian	9.0	06/06/2022	12/12/2022	Infrastructure
81	Residential Development	West Lothian	24.5	25/04/2022	15/04/2024	New housing
82	Contractors Framework	West Lothian	750.0	01/10/2021	03/10/2025	Public Non-housing
83	Residential Development Framework		300.0	22/11/2017	16/06/2024	New housing
84	Construction Framework		1,500.0	01/05/2018	03/05/2022	New housing
85	Civil Engineering & Infrastructure Framework		5,000.0	18/03/2019	20/03/2023	Infrastructure
86	Bridge Civil Engineering Works Framework		45.0	15/04/2019	17/04/2023	Infrastructure
87	Housing Framework		700.0	01/09/2020	05/09/2023	New housing
88	Capital Works Dynamic Purchasing System Framework		200.0	01/04/2024	02/04/2029	Housing R&M
89	NHS Construction Framework		650.0	01/03/2021	01/03/2026	Public Non-housing
90	Housing Capital Works Framework		200.0	01/12/2020	03/12/2024	Housing R&M
91	Ground Investigation Framework		50.0	01/01/2021	01/01/2025	Infrastructure
92	Energy Efficiency Framework		40.0	12/02/2020	08/02/2023	Public Non-housing
93	Tram Network Extension		209.0	15/06/2020	17/11/2023	Infrastructure
94	Minor Building Works Framework		300.0	01/10/2021	03/10/2025	Public Non-housing
95	Responsive Repairs/Voids & Associated Works DPS		250.0	22/06/2026	23/06/2031	Housing R&M
96	Fire Safety Installation & Maintenance Works Framework		500.0	16/12/2020	18/12/2024	Housing R&M
97	Scape Construction Framework - Scotland		2,000.0	01/09/2021	03/09/2025	Public Non-housing
98	Civil Engineering Works & Associated Services Framework		600.0	29/04/2022	29/04/2026	Infrastructure
99	Whole House Framework		145.0	01/06/2021	01/06/2024	Housing R&M
100	Housing Windows & Doors Framework		40.0	01/06/2021	03/06/2025	Housing R&M

WLC ID	Heading	Local Authority	Project Value (£m)	Start date	End date	Project Type
101	Housing Maintenance & Repairs		650.0	01/07/2021	29/06/2028	Housing R&M
102	Private Sector Partner Framework		1,000.0	01/04/2023	01/04/2048	Public Non-housing
103	Housing (Refurbishment) Framework		200.0	26/05/2021	28/05/2025	Housing R&M
104	Roofing Design/Supply & Installation Framework		60.0	11/05/2021	13/05/2025	Housing R&M
105	Trades Contractors Framework		52.5	21/01/2023	21/01/2026	Public Non-housing
106	Landscaping Works		22.0	09/05/2022	01/01/2024	Infrastructure

Table E6: Significant Glenigan projects in South West

WLC ID	Heading	Local Authority	Project Value (£m)	Start date	End date	Project Type
1	444 Holiday Lodges & 4 Shop/Restaurant/Offices	Dumfries & Galloway	27.7	44725	45453	Private Commercial
2	200 Houses & Business Units	Dumfries & Galloway	15.0	20/05/2022	12/01/2024	New housing
3	300 Sheltered Housing Units	Dumfries & Galloway	4.5	11/01/2021	18/04/2022	New housing
4	130 Houses	Dumfries & Galloway	8.3	06/01/2020	06/01/2022	New housing
5	49 Houses	Dumfries & Galloway	3.3	04/01/2021	24/01/2022	New housing
6	19 Houses	Dumfries & Galloway	4.3	07/06/2021	30/08/2022	New housing
7	7 Flats & 1 Retail/Exhibition	Dumfries & Galloway	5.0	16/06/2022	15/06/2023	New housing
8	Industrial Building	Dumfries & Galloway	4.2	30/05/2022	05/12/2022	Private Industrial
9	Workshop	Dumfries & Galloway	2.2	16/05/2022	21/11/2022	Private Industrial
10	Welfare Facilities	Dumfries & Galloway	5.6	03/05/2022	25/04/2023	Private Commercial
11	90 Houses	Dumfries & Galloway	5.8	17/05/2022	13/06/2023	New housing
12	Warehouse & Office Buildings	Dumfries & Galloway	3.5	30/11/2021	07/06/2022	Private Industrial
13	89 Houses	Dumfries & Galloway	5.8	03/07/2022	03/11/2023	New housing
14	Training Centre (Refurbishment)	Dumfries & Galloway	7.0	14/03/2022	09/01/2023	Public Non-housing
15	50 Wind Turbines	East Ayrshire	67.0	08/06/2020	11/02/2022	Infrastructure
16	86 Residential Units	East Ayrshire	10.5	23/08/2021	15/11/2024	New housing
17	184 Houses & 40 Bungalows	East Ayrshire	16.8	07/03/2022	30/10/2023	New housing
18	153 Houses	East Ayrshire	11.5	06/04/2020	06/04/2022	New housing
19	Drawing School (New/Alterations)	East Ayrshire	7.7	13/06/2022	05/06/2023	Public Non-housing
20	61 Houses	East Ayrshire	4.6	26/04/2022	23/05/2023	New housing
21	84 Houses	East Ayrshire	5.4	14/03/2022	10/04/2023	New housing
22	19 Houses & 5 Bungalows	East Ayrshire	3.7	21/03/2022	10/04/2023	New housing

WLC ID	Heading	Local Authority	Project Value (£m)	Start date	End date	Project Type
23	Climbing Centre	East Ayrshire	3.3	14/01/2021	13/01/2022	Private Commercial
24	Events Pavilion	East Ayrshire	3.9	06/06/2022	16/01/2023	Private Commercial
25	92 Houses/Bungalows	East Ayrshire	4.0	22/03/2021	15/04/2022	New housing
26	27 Houses & 16 Bungalows	East Ayrshire	8.4	20/09/2021	30/09/2022	New housing
27	14 Houses	East Ayrshire	2.8	31/07/2022	31/03/2023	New housing
28	62 Houses	East Ayrshire	7.0	07/03/2022	10/07/2023	New housing
29	School	East Ayrshire	8.5	06/09/2021	09/09/2022	Public Non-housing
30	School (Extension/Alterations)	East Ayrshire	5.0	12/05/2021	12/07/2022	Public Non-housing
31	30 Flats	East Ayrshire	3.4	15/11/2021	12/12/2022	New housing
32	Flood Defence Works	East Ayrshire	8.2	19/04/2021	14/10/2022	Infrastructure
33	Warehouse	East Ayrshire	8.4	13/04/2022	21/12/2022	Private Industrial
34	School (Extension/Alterations)	East Ayrshire	3.0	10/02/2022	23/06/2022	Public Non-housing
35	Storage Building	East Ayrshire	4.1	15/11/2021	23/05/2022	Private Industrial
36	291 Houses	East Ayrshire	18.9	01/07/2022	01/03/2024	New housing
37	Business/Industrial Unit (Extension)	East Ayrshire	3.3	17/02/2022	17/11/2022	Private Commercial
38	101 Houses/Flats/Bungalows	East Ayrshire	6.8	26/09/2022	11/03/2024	New housing
39	Carriageway (Renewal) Roundabout	North Ayrshire	3.0	12/09/2022	22/05/2023	Infrastructure
40	Support Living Accommodation	North Ayrshire	3.0	04/06/2021	01/04/2022	New housing
41	198 Houses	North Ayrshire	13.0	05/10/2020	29/04/2022	New housing
42	Hospital (Extension)	North Ayrshire	8.0	24/01/2022	31/07/2023	Public Non-housing
43	School	North Ayrshire	9.6	21/06/2021	08/08/2022	Public Non-housing
44	365 Houses & 24 Flats	North Ayrshire	25.0	10/01/2022	04/09/2023	New housing
45	71 Houses	North Ayrshire	14.7	13/05/2021	23/09/2022	New housing
46	77 Residential Units	North Ayrshire	10.8	21/06/2021	28/11/2022	New housing
47	196 Houses	North Ayrshire	12.9	30/11/2020	27/11/2023	New housing
48	72 Residential Units	North Ayrshire	10.3	23/04/2021	17/02/2023	New housing
49	Workshops (Extension)	North Ayrshire	2.0	12/01/2022	13/07/2022	Private Industrial
50	79 Sheltered Houses	North Ayrshire	11.0	14/09/2020	21/02/2022	New housing
51	Warehouse	North Ayrshire	7.0	03/05/2021	03/07/2022	Private Industrial
52	92 Houses	North Ayrshire	6.2	21/03/2022	17/04/2023	New housing
53	14 Office/Light Industry/Storage Units	North Ayrshire	3.6	31/05/2022	28/02/2023	Private Commercial
54	41 Houses	North Ayrshire	4.5	07/02/2022	27/02/2023	New housing
55	72 Self Storage Units	North Ayrshire	1.7	31/01/2022	08/08/2022	Private Industrial
56	Housing Improvements	North Ayrshire	3.6	11/10/2021	11/07/2022	Housing R&M
57	Housing Improvements	North Ayrshire	16.3	01/04/2022	01/04/2025	Housing R&M

WLC ID	Heading	Local Authority	Project Value (£m)	Start date	End date	Project Type
58	278 Houses & 8 Flats	South Ayrshire	19.3	01/02/2021	24/01/2025	New housing
59	Community Educational Campus	South Ayrshire	52.0	14/06/2021	29/12/2023	Public Non-housing
60	97 Houses & 27 Bungalows	South Ayrshire	8.3	22/02/2021	22/08/2023	New housing
61	18 Warehouses	South Ayrshire	126.8	14/02/2022	22/08/2022	Private Industrial
62	Sporting Facility	South Ayrshire	7.2	31/07/2021	30/06/2022	Private Industrial
63	School	South Ayrshire	18.0	09/04/2021	26/08/2022	Public Non-housing
64	Briquette Manufacturing Facility	South Ayrshire	1.7	10/01/2022	11/07/2022	Private Industrial
65	52 Residential Units	South Ayrshire	7.0	01/03/2021	24/06/2022	New housing
66	31 Flats	South Ayrshire	5.2	06/09/2021	31/10/2022	New housing
67	77 Flats/60 Housse & 23 Bungalows	South Ayrshire	10.6	18/03/2022	17/11/2023	New housing
68	Infrastructure Works	South Ayrshire	5.0	07/03/2022	02/01/2023	Infrastructure
69	School	South Ayrshire	5.0	26/07/2021	24/06/2022	Public Non-housing
70	Warehouse	South Ayrshire	6.0	06/09/2021	16/05/2022	Private Industrial
71	Coastline Works	South Ayrshire	3.0	07/03/2022	09/12/2022	Infrastructure
72	Hospice (Conversion/ Extension)	South Ayrshire	2.5	11/02/2022	04/11/2022	Public Non-housing
73	Contractor Services Framework		30.0	01/02/2020	03/02/2024	New housing
74	Trades Contractors Framework		165.0	25/04/2018	25/04/2033	Housing R&M
75	Road Maintenance & Improvements Works Framework		35.5	01/04/2019	03/04/2023	Infrastructure
76	Carriageway Resurfacing Works		1.6	04/04/2022	19/09/2022	Infrastructure

Table E7: Significant Glenigan projects in Tayside, Forth & Fife

WLC ID	Heading	Local Authority	Project Value (£m)	Start date	End date	Project Type
1	160 Residential Units & 2 Golf Academy/Hotel Units	Angus	60.0	12/11/2022	12/11/2023	New housing
2	212 Houses	Angus	13.5	24/12/2022	24/06/2023	New housing
3	352 Houses	Angus	26.4	04/10/2017	04/10/2022	New housing
4	Leisure Facility	Angus	2.0	03/01/2022	04/04/2022	Private Commercial
5	Workshop/Warehouse (Extension)	Angus	2.5	15/03/2022	13/09/2022	Private Industrial
6	Storage & Distribution (Conversion)	Angus	2.5	22/12/2021	15/06/2022	Private Industrial
7	2 Business Units	Angus	2.0	11/02/2022	19/08/2022	Private Industrial

WLC ID	Heading	Local Authority	Project Value (£m)	Start date	End date	Project Type
8	53 Flats & 22 Houses	Clackmannanshire	4.8	31/05/2022	27/06/2023	New housing
9	60 Flats	Clackmannanshire	8.0	02/03/2020	02/03/2022	New housing
10	Student Accommodation	Dundee	6.0	05/04/2022	09/05/2023	Public Non-housing
11	Student Accommodation	Dundee	12.0	04/04/2022	08/05/2023	Public Non-housing
12	31 Flats/2 Retail Units (New/Alterations)	Dundee	6.0	26/04/2021	04/02/2022	New housing
13	Commercial & Residential	Dundee	500.0	09/11/2015	10/11/2025	Private Commercial
14	14 Flats & 1 Restaurant (Conversion)	Dundee	4.0	27/01/2022	16/02/2023	Housing R&M
15	Flood Protection	Dundee	14.1	01/06/2020	30/11/2022	Infrastructure
16	Residential Development	Dundee	10.0	11/10/2021	07/11/2022	New housing
17	130 Homes & 1 Shop	Dundee	8.5	06/07/2020	26/08/2022	New housing
18	Peak Power Generation & Energy Storage	Dundee	70.0	07/03/2022	05/06/2023	Infrastructure
19	Retail Unit/ Supermarket/ Business Units	Dundee	4.2	12/12/2022	19/06/2023	Private Commercial
20	10 Industrial Units	Dundee	12.0	26/04/2021	24/01/2022	Private Industrial
21	Supermarket/ Discount Store/ Retail Unit & Cafe	Dundee	5.4	11/01/2022	15/11/2022	Private Industrial
22	Leisure Park	Dundee	8.1	29/12/2021	21/12/2022	Private Commercial
23	Care Home	Dundee	6.4	29/12/2021	15/02/2023	Public Non-housing
24	Student Accommodation & Commercial Units	Dundee	24	44634	45033	Public Non-housing
25	17 Flats & 5 Houses	Dundee	4.5	22/06/2022	12/07/2023	New housing
26	University (Alterations)	Dundee	6.5	07/06/2021	22/02/2022	Public Non-housing
27	Student Accommodation & Live Work Unit	Dundee	8.4	25/03/2022	28/04/2023	Public Non-housing
28	4 Storage/Distribution Units (Conversion)	Dundee	8.2	12/11/2021	13/05/2022	Private Industrial
29	Commercial & Residential	Dundee City	115.0	01/07/2013	03/07/2023	Private Commercial
30	Creative Hub	Dundee City	18.0	28/03/2022	27/03/2023	Private Commercial
31	Road	Falkirk	7.4	15/03/2022	14/03/2023	Infrastructure
32	34 Residential Units	Falkirk	6.0	21/06/2021	17/10/2022	New housing
33	Petrol Filling Station (New/Alterations)	Falkirk	13.2	14/02/2022	19/09/2022	Infrastructure
34	96 Houses	Falkirk	10.0	22/07/2022	18/08/2023	New housing
35	Steam and Power Plant	Falkirk	350.0	08/02/2021	08/08/2023	Infrastructure

WLC ID	Heading	Local Authority	Project Value (£m)	Start date	End date	Project Type
36	64 Houses	Falkirk	4.4	12/07/2021	08/08/2022	New housing
37	Manufacturing Facility/Ancillary Office	Falkirk	15.0	07/03/2022	05/12/2022	Private Industrial
38	178 Houses	Falkirk	11.8	18/01/2022	08/08/2023	New housing
39	Distillery	Falkirk	12.0	18/11/2019	11/03/2022	Private Industrial
40	Energy From Waste Facility	Falkirk	55.0	25/07/2022	30/08/2024	Infrastructure
41	139 Houses	Falkirk	19.0	13/06/2022	05/05/2025	New housing
42	91 Flats (Alterations)	Falkirk	3.9	17/12/2021	30/12/2022	Housing R&M
43	96 Residential Units	Falkirk	6.1	15/11/2021	12/12/2022	New housing
44	Flats Improvements	Falkirk	4.3	29/08/2022	29/05/2023	Housing R&M
45	Housing Improvements Framework	Falkirk	56.0	01/08/2021	03/08/2025	Housing R&M
46	Junction Improvements	Falkirk	1.6	13/06/2022	14/11/2022	Infrastructure
47	Motorway Improvements	Falkirk	2.1	19/09/2022	20/02/2023	Infrastructure
48	Industrial Building	Falkirk	6.0	21/02/2022	26/12/2022	Private Industrial
49	173 Houses & 66 Flats	Fife	15.7	07/07/2022	07/03/2024	New housing
50	Offshore Wind Farm Development	Fife	5,250.0	09/11/2020	10/11/2025	Infrastructure
51	Fabrication Workshop & Store	Fife	31.5	01/09/2020	30/06/2022	Private Industrial
52	Petrol Filling Station	Fife	1.0	15/03/2022	14/06/2022	Infrastructure
53	Offshore Wind Farm	Fife	1,400.0	44052	45130	Infrastructure
54	49 Houses/Flats	Fife	7.0	30/08/2021	31/01/2023	New housing
55	34 Flats	Fife	5.0	13/06/2022	12/06/2023	New housing
56	Health Centre	Fife	6.0	14/02/2022	16/01/2023	Public Non-housing
57	295 Houses	Fife	22.1	16/07/2018	16/07/2023	New housing
58	52 Bungalows & 26 Houses/8 Flats	Fife	12.0	01/02/2021	01/08/2023	Private Commercial
59	Student Accommodation Buildings (New/Extension)	Fife	70.0	05/04/2022	09/05/2023	Public Non-housing
60	Radioactive Contamination Remediation Works	Fife	10.5	02/11/2020	30/09/2022	Infrastructure
61	College Campus	Fife	100.0	44616	44973	Public Non-housing
62	214 Residential Units	Fife	13.4	01/08/2022	01/08/2025	New housing
63	105 Residential Units	Fife	6.8	31/03/2022	14/09/2023	New housing
64	Student Accommodation & Hotel	Fife	23.0	07/02/2022	06/02/2023	Public Non-housing
65	Convenience Store	Fife	1.8	07/02/2022	21/03/2022	Private Commercial

WLC ID	Heading	Local Authority	Project Value (£m)	Start date	End date	Project Type
66	235 Houses/10 Cottage Flats & 1 Bungalow	Fife	15.5	03/06/2019	03/06/2022	New housing
67	Engineering Works	Fife	5.0	04/07/2022	28/08/2023	Infrastructure
68	92 Residential Units	Fife	6.0	14/02/2022	13/02/2023	New housing
69	33 Houses & 12 Flats	Fife	5.0	25/01/2021	22/04/2022	New housing
70	Army Recruitment Centre	Fife	5.0	14/03/2022	12/06/2023	Public Non-housing
71	Roundabout Works	Fife	7.0	30/05/2022	28/08/2023	Infrastructure
72	Climbing Centre (Conversion)	Fife	1.0	14/02/2022	23/05/2022	Private Commercial
73	Hotel	Fife	6.0	04/04/2022	27/03/2023	Private Commercial
74	University Biomedical Sciences Building	Fife	11.7	29/03/2021	25/02/2022	Public Non-housing
75	Hospital (Extension)	Fife	23.0	01/03/2021	23/09/2022	Public Non-housing
76	96 Residential Units (New/Conversion)	Fife	6.2	28/02/2022	27/03/2023	New housing
77	2 Schools	Fife	7.5	04/10/2021	05/08/2022	Public Non-housing
78	158 Houses	Fife	19.0	10/01/2022	31/07/2023	New housing
79	145 Houses	Fife	9.2	31/05/2022	14/11/2023	New housing
80	86 Houses	Fife	8.5	17/02/2022	16/03/2023	New housing
81	47 Houses & 12 Flats	Fife	6.5	01/02/2021	06/05/2022	New housing
82	Commercial Unit	Fife	33.9	09/05/2022	01/05/2023	Private Industrial
83	30 Maturation Warehouses	Fife	25.0	17/03/2022	17/04/2024	Private Industrial
84	Houses	Fife	8.8	28/01/2021	25/03/2022	New housing
85	Discount Store & Garden Centre	Fife	3.6	20/01/2022	08/08/2022	Private Commercial
86	8 Commercial Units	Fife	2.6	09/05/2022	14/11/2022	Private Industrial
87	Clubhouse	Fife	3.5	09/12/2021	21/07/2022	Private Commercial
88	73 Houses	Fife	4.8	12/09/2022	09/10/2023	New housing
89	Storage/Distribution (Conversion)	Fife	9.0	08/12/2021	08/06/2022	Private Industrial
90	130 Residential Units	Fife	8.3	19/10/2022	03/04/2024	New housing
91	Playground	Fife	0.9	17/01/2022	01/04/2022	Public Non-housing
92	Tourist Attraction (Conversion)	Perth & Kinross	20.0	15/02/2021	23/06/2023	Public Non-housing
93	700 Houses	Perth & Kinross	42.5	01/11/2019	13/05/2022	New housing
94	217 Houses	Perth & Kinross	29.0	05/03/2018	29/03/2024	New housing
95	Schools	Perth & Kinross	145.0	09/07/2018	09/07/2025	Public Non-housing
96	Link Road Works	Perth & Kinross	118.0	13/06/2022	15/07/2024	Infrastructure
97	Biomass Storage Building	Perth & Kinross	1.5	07/02/2022	23/05/2022	Private Industrial

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98	Plastic Processing Facility	Perth & Kinross	70.0	21/02/2022	24/06/2024	Infrastructure
99	Adventure Play Park	Perth & Kinross	2.9	07/02/2022	19/09/2022	Private Commercial
100	Museum (Alterations)	Perth & Kinross	20.0	15/02/2021	23/06/2023	Public Non-housing
101	Nursery (Extension/Alterations)	Perth & Kinross	4.3	07/06/2021	24/06/2022	Public Non-housing
102	Care Home	Perth & Kinross	10.0	31/05/2022	18/07/2023	Public Non-housing
103	246 Houses	Perth & Kinross	28.0	30/08/2021	30/08/2024	New housing
104	183 Houses & 4 Flats	Perth & Kinross	8.1	09/05/2022	27/11/2023	New housing
105	Research Centre (New/Alterations)	Perth & Kinross	62	44431	45331	Public Non-housing
106	Food Industry (Extension/Alterations)	Perth & Kinross	2.6	04/04/2022	03/10/2022	Private Industrial
107	School	Perth & Kinross	19.9	06/12/2021	24/02/2023	Public Non-housing
108	Community Unit (Alterations)	Perth & Kinross	3.5	03/01/2022	01/08/2022	Public Non-housing
109	38 Houses	Perth & Kinross	5.0	18/03/2022	07/04/2023	New housing
110	Hangarage	Perth & Kinross	2.0	30/03/2022	05/10/2022	Infrastructure
111	Care Home	Perth & Kinross	10.0	10/01/2022	03/07/2023	Public Non-housing
112	67 Bungalows	Perth & Kinross	4.4	26/07/2022	26/01/2023	Private Commercial
113	2 Agricultural Research Buildings	Perth & Kinross	11.7	28/12/2021	20/06/2023	Public Non-housing
114	Hotel (Extension/Alterations)	Perth & Kinross	5.1	14/02/2022	27/03/2023	Private Commercial
115	Carriageway (Dualling)	Perth and Kinross	300.0	23/05/2022	27/11/2028	Infrastructure
116	Substation (Framework)	Perth and Kinross	600.0	29/04/2013	29/08/2022	Infrastructure
117	437 Residential Units	Stirling	26.3	12/07/2022	12/07/2027	New housing
118	194 Residential Units	Stirling	11.9	25/04/2022	13/11/2023	New housing
119	Commercial Developments	Stirling	214.0	06/03/2023	09/03/2026	Private Commercial
120	285 Houses & 150 Flats	Stirling	42.0	27/01/2020	31/05/2023	New housing
121	83 Houses	Stirling	5.3	18/04/2022	15/05/2023	New housing
122	Prison	Stirling	53.8	24/02/2020	23/02/2023	Public Non-housing
123	3042 Residential/Commercial Units	Stirling	650.0	03/10/2022	03/10/2037	New housing
124	Hotel (Conversion)	Stirling	5.9	04/07/2022	13/02/2023	Private Commercial

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125	Railway Station (Alterations)	Stirling	6.0	15/03/2022	15/01/2023	Infrastructure
126	Student Accommodation	Stirling	5.6	02/05/2022	25/09/2023	Public Non-housing
127	Office Development	Stirling	15.8	04/04/2022	12/06/2023	Private Commercial
128	Office Development	Stirling	17.0	08/02/2021	07/02/2022	Private Commercial
129	Road Surfacing	Stirling	1.0	27/12/2021	28/02/2022	Infrastructure
130	41 Houses	Stirling	10.0	24/05/2021	22/03/2022	New housing
131	Care Home	Stirling	7.4	21/02/2022	10/04/2023	Public Non-housing
132	Bridge Maintenance & General Building Works Framework		12.0	27/12/2021	23/12/2024	Infrastructure
133	740 Residential Units (Refurbishment)		6.7	05/10/2020	04/04/2022	Housing R&M
134	Roads Maintenance & Improvements Framework		24.0	21/02/2020	23/02/2024	Infrastructure
135	Doors Repair & Installation Services Framework		14.4	01/12/2020	29/11/2022	Public Non-housing
136	Public Buildings Planned & Reactive Maintenance Framework		24.9	31/03/2020	02/04/2024	Public Non-housing
137	Minor Civil Engineering Works Framework		28.0	05/07/2022	05/07/2024	Infrastructure
138	Carriageway (Dualling)		30.0	04/04/2022	15/03/2027	Infrastructure
139	Railway Link		10.0	07/03/2022	06/03/2023	Infrastructure
140	Bridge Works		7.5	15/02/2021	18/02/2022	Infrastructure
141	Urgent Repair & Jobbing Contracts Framework		16.0	08/03/2021	10/03/2025	Public Non-housing
142	Housing Response & Void Repairs Framework		20.0	01/04/2021	31/03/2024	Housing R&M
143	Road (Improvement Works)		5.0	04/07/2022	10/07/2023	Infrastructure
144	101 Houses	Stirling	6.8	11/04/2022	25/09/2023	New housing



The findings and conclusions set forth in this report represent the best professional judgment of CITB and Whole Life Consultants based on information made available to it at a point in time. The authors have relied on, and not independently verified, data provided to it by independent sources and sources of information cited in the report. We disclaim any responsibility to the client and others in respect of any matters outside the scope of the above. We accept no responsibility to third parties to whom this report, or any part, thereof is made available. Any such party relies upon the report at their own risk.

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