# Appendix A: NZCB – Construction Minimum Reporting Template

These minimum reporting requirements align with the RICS Professional Statement ‘Whole life carbon assessment for the built environment’[[1]](#endnote-2).

|  |  |
| --- | --- |
| Date of assessment | Date of assessment completion |
| Verified by | Verifier name and organisation |
| Project type | New build or refurbishment of existing structure |
| Assessment objective | Brief assessment purpose statement |
| Project location | Full address |
| Date of project completion | Anticipated date of practical completion |
| Property type | Residential, public/civic, retail, office, infrastructure, etc.  State planning use class |
| Building description | No. of storeys, structural frame, façade type, basement?, brief description of associated external areas and any ancillary structures |
| Size | NIA, GIA, volume, etc. |
| Project design life | In years |
| Assessment scope | Building parts and life stages/modules included |
| Assessment stage | Design stage at which the assessment has been conducted at |
| Data sources | List all data sources used in the assessment including building information and carbon data sources |
| Building elements coverage | |  |  |  |  | | --- | --- | --- | --- | | **#** | **Building parts/**  **element groups** | **Building elements** | **Coverage**  **(%)** | | 0 | Facilitating works | 0.1 Temporary/Enabling works/Preliminaries |  | | 0.2 Specialist groundworks |  | | 1 | Substructure | 1.1 Substructure |  | | 2 | Substructure | 2.1 Frame  2.2 Upper floors incl. balconies  2.3 Roof 2.4 Stairs and ramps |  | | Superstructure | 2.5 External Walls  2.6 Windows and External Doors |  | | Superstructure | 2.7 Internal Walls and Partitions  2.8 Internal Doors |  | | 3 | Finishes | 3.1 Wall finishes  3.2 Floor finishes  3.3 Ceiling finishes |  | | 4 | Fittings, furnishings and equipment (FF&E) | Building-related  Non-building-related |  | | 5 | Building services / MEP | 5.1–5.14 Building-related\* services |  | | Non-building-related |  | | 6 | Prefabricated Buildings and Building Units | 6.1 Prefabricated Buildings and Building Units |  | | 7 | Work to Existing Building | 7.1 Minor Demolition and Alteration Works |  | | 8 | External works | 8.1 Site preparation works  8.2 Roads, Paths, Pavings and Surfacings  8.3 Soft landscaping, Planting and Irrigation Systems  8.4 Fencing, Railings and Walls  8.5 External fixtures  8.6 External drainage  8.7 External Services  8.8 Minor Building Works and Ancillary Buildings |  | |
| Assumptions and scenarios | List all assumptions and scenarios used in the assessment including brief justifications |

## Embodied Carbon

|  |  |
| --- | --- |
| **Indicator** | **Amount** |
| Total embodied carbon (tCO2 & kgCO2e/m2) from construction (modules A1 to A5 of EN15978) at practical completion |  |
| Total embodied carbon offset (tCO2e) at practical completion |  |
| Net embodied carbon (tCO2e) at practical completion | 0 (only when verified) |

## Offsets

|  |  |
| --- | --- |
| **Carbon offset approach used** | **Minimum / Leadership: Transition Fund** |
| International carbon offset standard used, amount and type of offset credit procured  Registry link |  |
| Domestic carbon unit standard used, amount and type of offset unit procured  Registry link |  |
| Weighted average cost per tonne of CO2e for carbon credits/units bought |  |
| Transition Fund – carbon price, cost per tonne of CO2e (if applicable) |  |

1. Royal Institution of Chartered Surveyors (RICS) (2017). Whole life carbon assessment for the built environment RICS professional statement, UK. [online] Available at: <https://www.rics.org/globalassets/rics-website/media/upholding-professional-standards/sector-standards/building-surveying/whole-life-carbon-assessment-for-the-built-environment-1st-edition-rics.pdf>

   \* Building-related items: Building-integrated technical systems and furniture, fittings and fixtures built into the fabric. Building-related MEP and FF&E typically include the items classified under shell and core and Category A fit-out. [↑](#endnote-ref-2)