



COMMITMENT OF INTENT TO INCORPORATE LEVEL(S) INDICATORS IN OUR PROCUREMENT PROCESS

When facing the **environmental challenges** ahead (global warming, air pollution, sanitary crisis), we must take action now. The **public sector** has a great potential to lead through Green Public Procurement (GPP) and the Irish Green Building Council is here to help.

Level(s) is a framework of common indicators developed by the EU to be used throughout Europe to mainstream sustainable buildings. It addresses 6 macro objectives; Greenhouse gas emissions along a building's life cycle, Resource efficient and circular material lifecycles, Efficient use of water resources, Healthy and comfortable spaces, Adaptation and resilience, Optimised life cycle cost and value.

It forms a key part of the EU's delivery of the Green Deal and [Ireland's National policy on Architecture](#).

The IGBC now encourage you to commit to three key indicators within Level(s) that should be more widely used in Ireland: **Life cycle assessment (LCA)**, **Life cycle costing (LCC)** and **Indoor air quality (IAQ)**. In addition, you may commit to integrating the circularity indicators in Level(s).

As a **public authority**, we want to be a part of the enhancement of environmental awareness in the building sector and we commit ourselves to integrate the following into our procurement process (**choose at least the number of indicators indicated for each of the first 4 categories Level(s) indicators, Life Cycle Assessment, Life Cycle Costing and Indoor Air Quality. You may also choose in addition from the Circularity category.**):

Level(s) indicators *(choose at least two points)*



- Train our team about the [Level\(s\) methodology](#).
- Implement the 3 macro-objectives LCA, LCC and IAQ indicators (macro-objective 1, 4 and 6).
- In addition to the above, implement macro objective 2 - Circularity.
- Implement all [macro-objectives](#) in public tenders.
- Other:

Life Cycle Assessment *(choose at least three points)*



- Train our team about [life cycle thinking](#) to better understand the issues.
- Incorporate building products with EPDs in the procurement to understand product environmental impacts.
- Require design teams to assess Global warming potential (GWP) analysis across the full building life cycle for different design options at early design stage using simple free tools such as [Carbon Designer for Ireland](#).
- Require design teams to calculate Global Warming Potential in kg CO2e/m2 throughout the life cycle of the building at advanced design stage (Level 2).
- Select tenders based on LCA according to EN15 978.
- Other:

Life Cycle Costing *(choose at least two points)*



- Require design teams to integrate [life cycle thinking](#) and strategy from the early design stage.
- Train our team about life cycle cost thinking.
- Request a basic global cost analysis to be carried out at least for the choice of a type of technical or operational solution in the upstream phase on 2 variants in my tenders.
- Require calculation of initial capital cost and deferred costs in the procurement.
- Ask for an LCC analysis of the entire building – cost related to energy and water use, waste management, construction, maintenance and repair over a 50 year life cycle.
- Award tenders based on whole life costing rather than upfront cost only.
- Other:

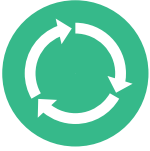
Indoor Air Quality *(choose at least three points)*



- Train our team about [health and building](#) to better understand the issues.
- Pay particular attention to ventilation to reduce the concentration of pollutants in the procurement.
- Include performance specifications for indoor air quality within the building in line with CIBSE recommendations in tender.
- Recommend the use of furniture and cleaning products with low VOC and formaldehyde emissions.
- Implement passive solutions to limit the effects of sources external to the building and prevent the diffusion of pollution in the building.
- Other:



Circularity *(choose at least three points)*



- Train our procurement team on circularity in construction to better understand issues, resource efficiency, building for adaptability, disassembly and waste reduction.
- Require design team to collaborate to develop structured circularity statement at the early design stage for all larger projects over 5000sqm using tools eg Level(s) checklist or [regenerate tool](#). This should cover at minimum: design for adaptability, and disassembly.
- Require a waste management plan for all projects reporting on all separate waste streams generated from site.
- Encourage the design team to specify reused materials or products where technically feasible and safe.
- Other:

By doing so I am committing to taking initial actions to address the environmental impact of construction.

Organization name:
Represented by:
Name:
Function / Position:
Date:
Signature:

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