



Level(s)

European framework for sustainable buildings

What is Level(s)?

- EU wide assessment and reporting framework, providing a common language for sustainability performance of buildings
- Lifecycle thinking - provides a robust approach to measuring and supporting improvement from design to end-of-life
- Residential buildings and offices, new built and renovation
- Core indicators tested by the building sector
- Open source and freely available to all

2015 – Initial development of the Level(s) framework

2017-2019 – Level(s) testing phase involving over 130 projects in 21 EU member states

2019 – Level(s) test survey

2020 – Official Level(s) launch

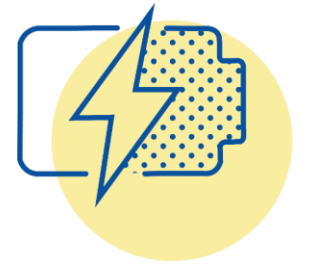
Level(s) in the EU policy context

- Paris Agreement – decarbonisation of building and construction sector by 2050
- Sustainable Development Goals
- EU Green Deal, including:
 - The EU Circular Economy Action Plan
 - The EU Renovation Wave

Based on a building's full life cycle, the building sector is responsible for:



1/2 of all extracted materials



1/2 of total energy consumption



1/3 of water consumption

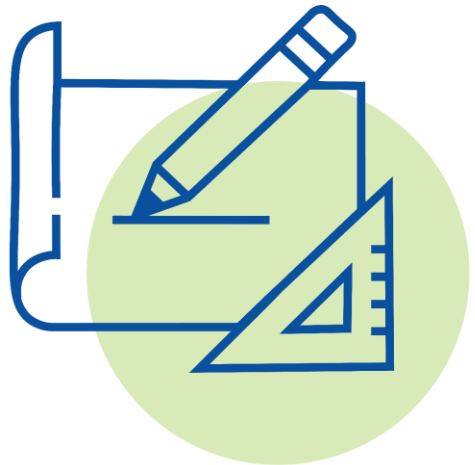


1/3 of waste generation

What areas does Level(s) cover?

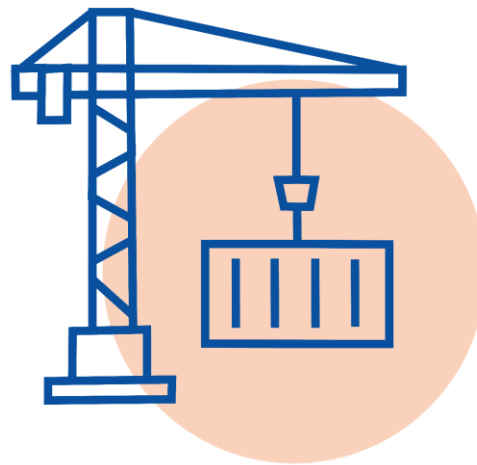
- Three main areas of a building's performance:
 - Resource use and environmental performance during a building's lifecycle
 - Energy
 - Material
 - Water
 - Health and comfort, resilience to climate change
 - Life cycle cost, value, and risk

The 3 stages of Level(s)



Level 1

**Concept
stage/qualitative**



Level 2

**Design and
construction/
quantitative**



Level 3

**Reality/monitoring,
including the handover
to the client**

What are the main Level(s) benefits?

- Brings circularity to the mainstream market
- Common language of sustainability performance
- Simple entry point to circularity and lifecycle
- Adapted to the user's need and understanding
- Allows the user to develop skills, step by step
- Future-proofing buildings for carbon neutrality
- Alignment of individual policy initiatives, certification schemes and organisation initiatives with a tried-and-tested European framework
- Leader for future national policies

Level(s) is for you!



Planning

Public authorities,
policy makers and
procurers



Design

Architects, designers,
engineers, and quality
surveyors



Financing

Clients and investors,
including property
owners, and
developers



Execution

Construction and
contractors, asset and
facilities managers, and
occupants

https://ec.europa.eu/environment/topics/circular-economy/levels_en



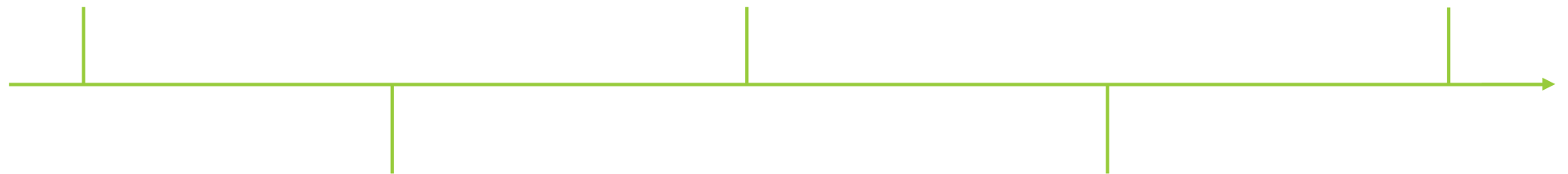
European
Commission

What's next for Level(s)?

**Sustainable Finance –
tackling climate
change, Delegated Act
adoption: 2020,
implementation: 2021**

**Web-based support tool
to work with Level(s)
and web-based training
material 2021**

**Developing a roadmap for
reduction of whole life
carbon in the building sector
starting 2021, ready 2023**



**Research - Green Deal call 2020
(Horizon 2020), this autumn and
new Public Private Partnership
2021 (Horizon Europe)**

**Green Public Procurement criteria –
based on Level(s) (starting this autumn,
ready June 2022), for offices and
schools, for new built and renovation**

Thank you

I welcome your questions

Visit https://ec.europa.eu/environment/topics/circular-economy/levels_en

Contact ENV-LEVELS-TESTING@ec.europa.eu

Follow and share developments under #BuildCircular on social media (Twitter, Facebook)