# LUXEMBOURG CONSTRUCTION ECOSYSTEM

# SCOPE AND METHODOLOGY



This panorama of Luxembourg's construction ecosystem, developed by Luxinnovation's Market Intelligence department, is built upon a consolidated database encompassing public and private entities (organisations, companies, etc.) in Luxembourg. It aims to provide an initial comprehensive overview of the key actors shaping and positioning themselves along the Luxembourg construction value chain.

# SCOPE OF THE CONSTRUCTION ECOSYSTEM MAPPING

#### WHAT IS COVERED BY THE CONSTRUCTION ECOSYSTEM PANORAMA?

The Luxembourg construction dashboard provides a snapshot of the national construction value chain. Rather than an exhaustive mapping, it offers an indicative and practical overview of companies active across different segments of the sector.

The scope of the dashboard was defined to include all entities contributing directly to construction activities or providing enabling technologies, materials, or services that sustain the ecosystem.

It reflects Luxinnovation's commitment to supporting the construction industry by promoting innovation, and the transition towards more sustainable building practices.

The ecosystem is structured around five key stages of the construction value chain:

- Design & Planning architecture, engineering, project management, and BIM-related services.
- Suppliers manufacturers and distributors of construction materials, products, and digital tools.
- Construction general contractors, builders, and companies engaged in on-site construction works.
- Operation property maintenance, facility management, and building performance optimisation.
- End of life & Circularity demolition, recycling, and circular construction activities.

Entities may appear in more than one step of the value chain.

#### Your feedback

For any request regarding this dashboard, please feel free to contact us at:

knowledgehub@luxinnovation.lu

#### HOW WAS THE CONSTRUCTION ECOSYSTEM PANORAMA CREATED?

The Luxembourg construction panorama was built using a stepwise and data-driven methodology, ensuring consistency, and potential scalability over time.

## Step 1: Scope definition

The scope of the panorama was defined by Luxinnovation's Market Intelligence team in collaboration with sector experts.

It includes all Luxembourg-based companies and organisations that demonstrate a direct or indirect contribution to the construction value chain.

This edition aims to provide an indicative overview, which will evolve through feedback from stakeholders and progressive qualification of the dataset.

### Step 2: Data source and value chain positioning approach

Unlike other ecosystem mappings developed by Luxinnovation, this panorama was built using a single, comprehensive corporate database covering all organisations registered in Luxembourg.

The differentiation lies in the selection and categorisation process, which focuses on identifying entities positioned along the construction value chain via their sectoral designation.

Rather than aiming for exhaustive classification, the objective was to widely qualify and visualise the companies active within the sector to provide an indicative overview of the ecosystem's scale and structure.

## Step 3: Design of a decision support tool

This final step was aimed at exploiting the database that had been set up to showcase the landscape of construction organisations in Luxembourg. The following tools are provided:

- An <u>interactive dashboard</u> displaying the key figures of the construction ecosystem in Luxembourg in a synthetic and dynamic way.
- A "Facts & Figures" report providing an analysis of the data in order to better understand the construction ecosystem.

