

Level(s) 3.0 events

Level(s) and the Energy Performance of Buildings Directive

Learn how the Level(s) indicator on 'Life cycle Global Warming Potential' can help you assess and report on the carbon performance of buildings

Concept for webinar on 19 June 2024, 10:00-11:30 CEST

Context

The [Energy Performance of Buildings Directive](#) (EPBD) is a critical component of EU legislation. It encourages policies designed to attain a highly energy-efficient and decarbonised building stock by 2050. Furthermore, it seeks to establish a stable environment for investment decisions, empowering consumers and businesses to make informed choices that save energy and money.

The European Commission published its [proposal for a revision](#) of the EPBD in December 2021. It sought to upgrade the existing regulatory framework to reflect higher ambition and a more pressing need for climate and social action. On 7 December 2023, the co-legislators reached a [political agreement](#) on the revision, which was [adopted](#) by the European Parliament and the Council in April 2024.

The Life cycle Global Warming Potential (GWP) of buildings is an indicator that measures the greenhouse gas (GHG) emissions associated with the building at different stages along the life cycle, also known as a carbon footprint assessment or whole life carbon measurement. As buildings become more energy-efficient and the carbon intensity of energy generation decreases, the significance of embodied carbon—compared to GHG emissions during the operational phase of buildings—is expected to rise.

In response, the European Commission is promoting methodologies and metrics to guide building professionals and investors on Whole Life Carbon and for this has developed the Level(s) framework. The revised EPBD will take several steps towards addressing greenhouse gas emissions over the whole life cycle of the buildings. This includes calculating and disclosing the Life cycle GWP of buildings, in accordance with the requirements for Life cycle GWP disclosure in energy performance certificates:

- From 1 January 2028, for all new buildings with a useful floor area larger than 1000 m²
- From 1 January 2030, for all new buildings

To standardise reporting, the EPBD mandates the use of [Level\(s\) indicator 1.2](#)¹ to define the scope of building elements and technical equipment for reporting the Life cycle GWP of new buildings. Accordingly, the EPBD represents another key piece of legislation where Level(s) has had an influence in defining a common language to assess the environmental performance of buildings by facilitating consistency in the calculation and disclosure of whole life cycle greenhouse gas emissions.

This Level(s) webinar presents a unique opportunity to explain the EPBD whole life carbon requirements and understand the relevance of adopting Level(s) for building professionals to stay compliant as EU regulations change and come into effect. The session will include presentations by Policy Officers from the Directorate-Generals for Energy and Environment who have been involved in the revision of the EPBD and included Level(s) to drive climate mitigation in the building sector. Additionally, Member State-level experts involved in the next steps for implementation will also present.

¹ Where a national calculation tool or method exists or is required for making disclosures or for obtaining building permits, that tool or method may be used to provide the required disclosure. Other calculation tools or methods may be used if they fulfil the minimum criteria established by the Level(s) common EU framework.

Objectives of the webinar

In this webinar, participants will learn how reporting on Level(s) can help building professionals align with the EPBD, by:

- Gaining insights into the purpose and requirements of the updated EPBD in relation to the disclosure obligations of the 'Life cycle GWP' for the energy performance certificates.
- Exploring how [Level\(s\) indicator 1.2](#) on the 'Life cycle GWP' facilitates the provision of information to prospective buyers or tenants in the energy performance certificate.

Who is this webinar for?

- Construction sector developers, design teams (architects and engineers), procurers, investors, but also product manufacturers and construction companies.
- End-users of the information disclosed in the Energy performance certificates.
- National ministries.

Agenda

10:00-10:10	Welcome and introduction <i>Katharina Faradsch, Moderator, Prospex</i>
Part 1: Understanding the EPBD: laying the groundwork	
10:10-10:25	Updating the EPBD: Context and Process <i>Brigitte Jacquemont, Policy Officer, DG ENER B.3, European Commission</i>
Part 2: Level(s) and the 'Life cycle global warming potential' in the EPBD	
10:25-10:45	Exploring the role of Level(s) for building professionals and its connection to the EPBD: Disclosure of the 'Life cycle global warming potential' <i>Estelle Elizagoien, Policy Officer, DG ENV B.1, European Commission</i> <i>Brigitte Jacquemont, Policy Officer, DG ENER B.3, European Commission</i>
10:45-10:55	Q&A
10:55-11:15	Next steps for implementation <ul style="list-style-type: none">• EU Member States: Transposition of the EPBD's Life cycle GWP requirements in the Nordics <i>Helle Redder Momsen, Danish Authority of Social Services and Housing and Head of Secretariat, Nordic Sustainable Construction</i>• Next steps from the European Commission <i>Brigitte Jacquemont, Policy Officer, DG ENER B.3</i>
11:15-11:25	Q&A
11:25-11:30	Wrap up and conclusion <i>Katharina Faradsch, Moderator, Prospex</i>

*All timings are indicated in CEST time.