

Webinar Series



EU Taxonomy Explored: Talks with TEG Experts
Low Carbon Buildings



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Webinar 2:
Thursday
2nd April
15:00 CEST (14:00 BST)

Thresholds

1. Ownership or acquisition: Energy performance is in top 15% of similar stock

Applies only to buildings built before 2021

Large non-residential buildings have to *also* have dedicated energy management systems

2. Renovations: Delivers 30% energy savings

Or, the renovation complies with the relevant 'major renovation' requirements EPBD

3. Newbuild: Near-Zero-Energy-Building (NZEB), less 20%

The net primary energy demand of new construction must be at least 20% lower than the primary energy demand resulting from the relevant NZEB requirements that are mandatory in Europe from 2021



Thresholds for **embodied carbon** to be defined by mid-2020s, methodology based on EN 15978

Individual measures & professional services

Fabrizio Varriale, RICS, 27-3-2020

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Examples

Adding insulation; replacing windows or doors with new energy efficient ones.

Installing of low-flow kitchen in top two categories of the EU Water Label scheme.

Installing efficient LED lighting, zoned thermostats, smart thermostat systems and sensing equipment.

Building Management Systems and Energy Management Systems.

Charging stations for electric vehicles.

Smart meters for gas and electricity.

Solar PV, solar hot water, wind turbines, electric energy storage units

Installation and upgrade of heat pumps

Installation and replacement of HVAC and domestic hot water systems.

Replacement of old pumps with efficient circulating pumps

Technical consultations linked to individual measures; energy audits; building performance assessments.

Energy Management Services, energy performance contracts, or energy Services provided by ESCOs

Do No Significant Harm (DNSH) requirements

	Ownership	Renovations	Newbuild
Min. 80% of non-hazardous C&D waste diverted from landfill		✓	✓
*No asbestos		✓	✓
*Site has to be checked to make sure it isn't contaminated. If it is, an assessment is needed that meets national methodology	✓		✓
*Non-road mobile machinery used in construction process (covered by regulatory requirements in EU)			✓
*No building in protected natural areas or land of recognised high biodiversity value	✓		✓
Top 2 classes of EU Water label for new water appliances		✓	✓
Timber products: at least 80% certified FSC or PEFC		✓	✓
(Reducing material physical climate risks)	✓	✓	✓

Download the report

https://ec.europa.eu/info/publications/sustainable-finance-teg-taxonomy_en



Summary Report

- Key concepts
- Guidance for investors and companies



Technical Annex

- Detailed criteria with detailed rationale
- Mitigation + Adaptation + DNSH



Taxonomy spreadsheet

- Criteria in summary form
- Tables for economic classification systems

Download the report

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