

# **Context and policies for energy and ventilation in Europe, new evolutions in EPBD**

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## **ABSTRACT**

The IPCC reports on Climate Change: the drivers for European Union to launch policy programs like: EU Green Deal –Fit for 55 by 2030- Renovation Wave and REPowerEU plan (05/2022) which are the drivers for the EPBD revision in 2022/23.

The EU energy Performance of Buildings Directive (EPBD) states that EPB assessment shall be calculated on basis of a methodology which includes IEQ assessment.

IEQ shall be addressed at the EP certificate which is required for all buildings, new buildings but more essential for the to renovate existing building stock.

Deep-renovation shall include aspects like IEQ improving the health standards of living conditions especially of vulnerable households.

EU MS's shall support EP upgrades that contribute to achieve a healthy IEQ, reference is made to the relevant EN standard on IEQ

Delegated acts (EU regulation) are needed by 2027 on the cost optimality of MEP's towards Zero-emission Buildings, Life Cycle GWP, respecting at the same time minimum Indoor Environmental Quality standards. The presentation will be based on the text adopted 14 March 2023 by the European Parliament and if relevant later possible amendments.

## **KEYWORDS**

EPBD, ventilation, IAQ, IEQ