

The next generation of buildings energy performance certificates

X-tendo aims to support public authorities in the transition towards improved compliance, reliability, usability and convergence of next-generation energy performance assessment and certification of buildings. X-tendo will thus develop a modular toolbox that covers different features of innovative indicators as well as innovative data handling approaches.

To date, the implementation of Energy Performance Certificates (EPCs) varies significantly across Member States in terms of scope and available information, resulting, in some cases, limited reliability, compliance, market penetration and acceptance by the end-users. The Horizon 2020 project **X-tendo** responds to these challenges by developing and testing **10 innovative features** for the next-generation of EPCs. The project supports **public authorities in 9 European countries (Austria, UK, Italy, Denmark, Estonia, Romania, Portugal, Poland and Greece)** in revamping their existing EPC schemes.



eXTENDING the energy performance assessment and certification schemes via a mOdular approach

X-tendo features

Innovative Indicators



Smart readiness indicator



Comfort



Real energy consumption



Outdoor air pollution



District energy systems

Innovative data handling approaches



EPC databases



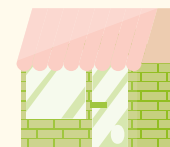
Building logbook



Tailored recommendations



Financing options



One-stop-shops

Each feature will be tested against four cross-cutting criteria:



Quality and reliability of EPCs

How to ensure high quality and reliable energy performance assessments in practice?



User-friendliness

How to meet end user needs and expectations?
How to ensure a smooth transition from static and paper-based documents to digital and more dynamic information platform?



Economic feasibility

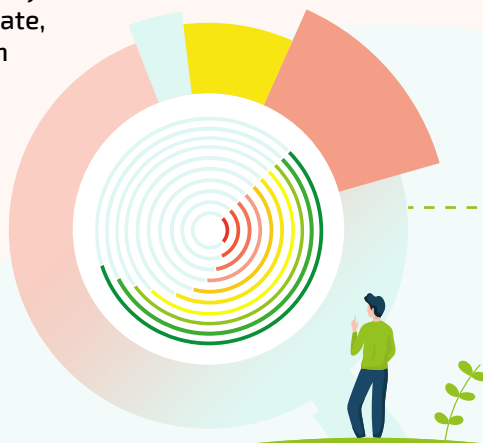
How to ensure that features make economic sense?



Consistency with ISO/CEN standards

Which are the standards relevant for the different features? How to enhance consistence with ISO/CEN standards?

X-tendo promotes better, reliable, user-friendly, and more engaging EPCs. As such, the X-tendo toolbox will increase the trust in the energy performance assessment and certification, that will likely improve the market acceptance and uptake of the tool. The increased trust and transparency will in turn lead to an increased renovation rate, creating extra jobs in the construction sector and a boost for economy.



www.x-tendo.eu



#Xtendoproject



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