



CONCERTED ACTION
ENERGY PERFORMANCE
OF BUILDINGS

Info session 4.5 Cross influences of EED, RED and EPBD on heating and cooling (link with EPBD and RES)

CA-EPBD National Building Database

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EPBD Recast Article 16 Data Exchange



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- Building owners, tenants and managers direct access to their building systems data
- Upon their consent access and data shall be made available to a third party subject to applicable rules and agreements
- Member states shall facilitate the full interoperability of services and of data exchange within the Union in accordance with planned implementing acts detailing interoperability requirements and non-discriminatory and transparent procedures for access to the data

Building System Data



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- Energy performance of building elements
- Energy performance of building services
- The project life span of the heating systems where available
- Building automation and control systems
- Meters/ measuring and control devices
- Recharging points for e mobility
- And be linked where available to the digital building logbook

EPBD Recast Article 22 Databases for the energy performance of buildings



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- Energy performance of individual buildings and on the overall energy performance of the national building stock
- Databases may consist of a set of interconnected databases
- Energy performance certificates, inspections, renovation passport, smart readiness indicator, calculated or metered energy consumption of the buildings covered
- Data may also be gathered and stored on both operational and embodied emissions and the life cycle GWP
- Aggregated and anonymised data of building stock shall be made publicly available

Access to databases for the energy performance of buildings



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- Access for full EPC for building owners, tenants, managers and financial institutions as regards buildings in their investment and lending portfolios and upon permission from the owner to independent experts. Also tenants with buyers permission.
- Local authorities access to data on their territory to facilitate drafting heating and cooling plans
- Make publicly available info on share of national building stock covered by EPCs and aggregated / anonymised data on the energy performance, including energy consumption and where available life cycle GWP of buildings covered. Updated at least twice per year
- Make available to public and research institutions including national statistics institutes upon request
- Once a year give data to the national building stock observatory

Access to databases for the energy performance of buildings



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EED Article 6 Exemplary role of public bodies' buildings



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- Publicly available and accessible inventory of heated and/or cooled buildings owned or occupied by public bodies and have a total floor area of more than 250m². Update every two years.
- Inventory shall contain at least floor area, measured annual energy consumption of heat, cooling, electricity and hot water when available and energy performance certificate.
- At least 3% of total floor area of heated and/or cooled buildings that are owned by public bodies is renovated each year to be transformed into at least nearly zero energy buildings or zero emissions buildings
- Alternative approach – each year renovation passport for buildings representing at least 3% of total floor area of heated and/or cooled buildings owned by public bodies. For those buildings, the renovation to nearly zero energy building shall be achieved by at least 2040

THANK YOU
FOR YOUR ATTENTION



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