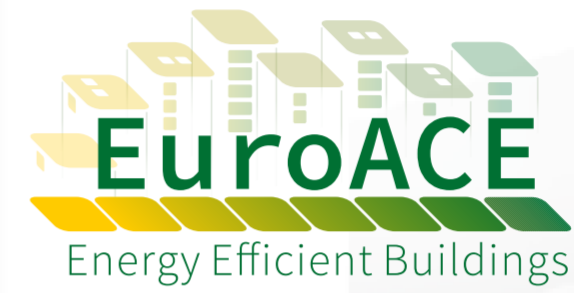


BUILDINGS IN THE FIT FOR 55 PACKAGE FOR A CLIMATE NEUTRAL ECONOMY IN 2050

Last updated in May 2023

Launched on the 14th of October 2020, the Renovation Wave Strategy aims at improving the energy performance of buildings. To achieve at least 55% reduction in GHG emissions by 2030, the EU must reduce GHG emissions from buildings by 60%, their energy consumption by 14%. In view of these targets, the Renovation Wave Strategy aims to at least double the current energy renovation rate per annum to ultimately deliver the renovation of 35 million building units by 2030.



UPSKILL WORKFORCE IN BUILDING SECTOR

Art. 5 'MS shall support public bodies providing guidelines, promoting competence building, skills acquisition and training opportunities'
Art. 26 'MS shall set up network ensuring EE professions match market needs' + 'promote participation in certification, training and education programmes'

DIGITALISATION AND SMART BUILDINGS FOR ENERGY SYSTEM INTEGRATION

Art. 11 'implementation of EMS in high energy intensive enterprise'

FIGHT AGAINST ENERGY POVERTY AND DELIVER DECENT LIVING CONDITIONS

Art. 2(48) 'Legal definition of energy poverty'
Art. 3 'MS to address impacts of EE1st principle on energy poverty'
Art. 5 'authorities to mitigate negative impacts of EE measures on vulnerable groups when designing and implementing EE measures.' + 'Consult vulnerable groups when drafting local EE plans'
Art. 8 'MS shall achieve a required amount of energy savings among energy poor'
Art. 9 'obligated parties under EEOs to mitigate energy poverty via EE improvements'
Article 21 'Targeted information and advice on EE (OSS services for energy poor)'
Article 22 'empower and protect vulnerable customers'

INVESTMENTS IN ENERGY EFFICIENCY IN BUILDINGS

Art. 3 'consider EE solutions in policy and investment decisions in energy systems and non-energy sectors'
Art. 7 'public bodies purchase highly energy efficient buildings' + 'MS to remove regulatory or non-regulatory barriers to energy efficiency'
Art. 21 'accessible information on EE measures, financial and legal framework'

BETTER PLANNING AND INFORMATION ON BUILDINGS

Art. 6 'publication of inventories of public buildings and their energy performance'
Art. 10 'mandatory energy audits for enterprises with consumption >10TJ'
Art. 23 'comprehensive H&C assessments and local heat plans'

EXEMPLARY ROLE OF PUBLIC SECTOR

Art. 5 'total FEC of public bodies reduced by 1,9% yearly (exemptions for small municipalities)'
Art. 6 '3% of publicly owned buildings to be renovated to NZEB or ZEB level each year or reach NZEB by 2040 through alternative approach'
Art. 7 'purchase of EE buildings and services'

DECARBONISATION (AT ALL STAGES OF BUILDING LIFE CYCLE)

Art. 5 'public bodies to consider life cycle CO2 emissions'
Art. 8 'Savings from FF dependent products not counted in 2nd energy savings obligation period - except in industry'
Art. 7 'Contracting authorities can require tenderers to disclose information on life cycle GWP'
Art. 24 'gradual introduction of RES/FF phase out in H&C supply'

INCREASE DEPTH OF ENERGY RENOVATIONS

Art. 6 '3% of publicly owned buildings to be renovated to NZEB or ZEB level each year or reach NZEB by 2040 through alternative approach'

INCREASE RATE OF ENERGY RENOVATIONS

Art. 5 'total FEC of public bodies reduced by 1,9% each year'
Art. 6 '3% of publicly owned buildings to be renovated to NZEB or ZEB level each year or reach NZEB by 2040 through alternative approach'

Art. 18 'certification schemes for installers and designers of all renewable H&C systems'
Annex IV 'training provider to ensure adaptation of training to new renewable technologies'

Art. 20a 'TSO & DSO communicate share of renewable electricity to end-users'

Art. 15a 'MS to report % RES in buildings in their NECPs'
Art. 15c 'MS to facilitate RES permitting on artificial and built surfaces'
Art. 23 'long-term decarbonisation strategies to increase RES in H&C' + 'MS to inform owners/tenants and SMEs on cost-effective measures, and financial instruments on RES in H&C'

Art. 15a 'third parties to use roofs of public or mixed private-public buildings for production of renewable energy'

Art. 15a 'indicative target of 49% renewables use in buildings by 2030' + 'MS to require the use of minimum levels of RES in new buildings and buildings subject to major renovation or a renewal of the heating system'
Art. 23 'increase RES in H&C by 0.8% as an annual average calculated for the period 2021 to 2025 and by at least 1.1% as an annual average from 2026-2030'
Art. 24 'in DHC, indicative 2.2% annual increase in RES use' + 'MS to ensure that information on energy performance and share of renewables in district heating and cooling systems is provided to final consumers'

Art. 3 'data on construction workforce and upskilling measures'
Art. 15 'education and training to ensure skilled workforce'

Art. 11 'buildings to have measuring and control devices for the monitoring and regulation of IAQ and separate control of temperature in each room'
Art. 12 'installation of 1 recharging points in buildings with > 5 parking spaces'
Art. 13 'mandatory Smart Readiness Indicator scheme for non-residential buildings'
Art. 20 'BACS implementation requirements, digital tools in inspections schemes and effective control and monitoring functionalities in buildings from 2025'

Art. 5 'financial support for actions reducing energy poverty' + 'minimum energy performance requirements take into account indoor climate'
Art. 7 'healthy indoor climate conditions in new buildings'
Art. 8 'healthy indoor climate for existing buildings undergoing major renovations'
Art. 10 'Renovation Passport outlines expected benefits also in terms of health'
Art. 15 'energy poverty to be fulfilled by MS in SCPs'
Art. 23 'monitoring MS performance in tackling energy poverty via SCPs'

Art. 2(26) 'definition of mortgage portfolio standards'
Art. 9 'support MEPS by establishing TA, OSS, financing'
Art. 15 'financial incentives, EE loans, on-bill/on-tax schemes, coupled with support' + 'address split incentive with financing and/or tenant protection via rent support or caps on rent'

Art. 3 'establishment of NBRPs to achieve ZEB stock by 2050'
Art. 10 'national Renovation Passport schemes by end of 2024'
Art. 14 'data exchange on building energy performance'
Art. 16 'updated EPC framework'
Art. 19 'establishment of national databases for energy performance of buildings'
Art. 26 'OSS to provide information on renovation'

Art. 3 'data on public buildings and measures to support renovation'
Art. 7 'new public buildings to be ZEB'
Art. 9 'F & G public buildings to be E by 2030'
Art. 15 'financial support to guide investments in public buildings'

Art. 2(2) 'definition of ZEB'
Art. 3 'information on measures for H&C decarbonisation by 2040'
Art. 7 'calculation GWP for new construction from 2030 and for those >2000m2 from 2027'
Art. 11 'possible requirements related to the GHG emissions produced by heat generators'
Art. 15 'no financial support for FF boilers as from 2027'

Art. 2(19) 'definition of deep renovation'
Art. 2(20) 'definition of staged deep renovation'
Art. 2(21) 'definition of major renovation'
Art. 8 'buildings undergoing major renovation to meet minimum energy performance requirements'
Art. 15 'financing and support linked to national renovation plans'

Art. 9 'MEPS for G and F buildings to be E by 2030/2033'

Art. 1 'Focus on households in energy poverty'
Art. 2(1) 'Legal definition of energy poverty'
Art. 6 'vulnerable households mapping in SCPs'
Art. 7 'financial support to reduce energy poverty'
Art. 9 'Pass-on of benefits to households and micro-enterprises'
Art. 24 'monitoring MS performance in tackling energy poverty via SCP'

Art. 7 & 8 'financial support EE investments and building renovation'
Art. 9 'financial envelope and implementation period (2025-2032)'

Art. 4 'establishment of SCPs'

Art. 7 'measures and investments shall reduce FF dependency'

EED

ENERGY EFFICIENCY DIRECTIVE

Final text

RED

RENEWABLE ENERGY DIRECTIVE

Final text

EPBD

ENERGY PERFORMANCE OF BUILDINGS DIRECTIVE

Commission Proposal

ETS2

EMISSIONS-TRADING SYSTEM FOR BUILDINGS

Final text

ESR

EFFORT SHARING REGULATION

Final text

SCF

SOCIAL CLIMATE FUND

Final text

BUILDING FROM THE GROUND UP