

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

Last updated in May 2024

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'

Annex II 'overview of policies addressing skills gaps and promoting education'
Art. 17 'promote education and training to ensure skilled workforce'

Art. 13 'Requirements on the performance of TBS and installation of BACS'
Art. 14 'installation of recharging points in buildings with > 5 parking spaces'
Art. 15 'mandatory Smart Readiness Indicator scheme for non-residential buildings with an HVAC system over 290 kW if test phase positive'
Art. 23 'inspections of TBS'
Annex IV 'Digital twins encouraged'

Art. 7 'MS to address optimal IEQ in new buildings'
Art. 8 'MS to address IEQ for existing buildings undergoing major renovations'
Art. 9 '55% of savings in the residential sector coming from the 43% WPB + MS to provide appropriate financial measures, in particular those targeting vulnerable households + monitoring impact on vulnerable households'
Art. 17 'MS shall address the eviction of vulnerable households caused by disproportionate rent increases + shall address the eviction of vulnerable households caused by disproportionate rent increases'
Art. 18 'OSS to focus in particular on households affected by energy poverty'

Art. 2(39) 'definition of mortgage portfolio standards'
Art. 9 'support MEPS by establishing TA, OSS, financing'
Art. 17 'financial incentives, EE loans, on-bill/on-tax schemes, coupled with support' + 'address split incentive'

Art. 3 'establishment of NBRPs to achieve ZEB stock by 2050'
Art. 12 'national Renovation Passport schemes by end of 2026'
Art. 16 'data exchange on building energy performance'
Art. 18 'OSS to provide information on renovation'
Art. 19 'updated EPC framework'
Art. 22 'establishment of national databases for energy performance of buildings'

Annex II 'data on public buildings and measures to support renovation'
Art. 7 'new public buildings to be ZEB from Jan 2028'
Art. 9 'renovation of the 26% worst performing non residential buildings by 2033'
Art. 17 'financial support to guide investments in public buildings'

Art. 2(2) 'definition of ZEB'
Annex II 'National measures for H&C decarbonisation by 2040'
Art. 7 'calculation GWP for new construction >1000m2 from 2028 and for all from 2030 + GWP national limits from 2030'
Art. 10 'Solar energy in buildings'
Art. 13 'legal basis to ban stand alone FF boilers'
Art. 17 'no financial support for stand alone FF boilers from 2025'

Art. 2(20) 'definition of deep renovation'
Art. 2(21) 'definition of staged deep renovation'
Art. 2(22) 'definition of major renovation'
Art. 8 'buildings undergoing major renovation to meet minimum energy performance requirements'
Art. 17 'MS to provide financing, support measures and other instruments NBRP objectives + promote new instruments'

Art. 9 'MEPS for non residential buildings + energy consumption reduction trajectory for residential buildings'

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.

Efficient Buildings Europe

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

RED

RENEWABLE ENERGY DIRECTIVE

EPBD

ENERGY PERFORMANCE OF BUILDINGS DIRECTIVE

ETS2

EMISSIONS-TRADING SYSTEM FOR BUILDINGS

ESR

EFFORT SHARING REGULATION

SCF

SOCIAL CLIMATE FUND

BUILDING FROM THE GROUND UP