



2021/0426(COD)

6.7.2022

AMENDMENTS

1527 - 1568

Draft report

Ciarán Cuffe

(PE732.742v01-00)

Proposal for a Directive of the European Parliament and of the Council on the energy performance of buildings (recast)

Proposal for a directive

(COM(2021)0802 – C9-0469/2021 – 2021/0426(COD))

Amendment 1527

Ladislav Ilčić, Beata Szydło, Elżbieta Kruk, Zdzisław Krasnodebski, Grzegorz Tobiszowski

Proposal for a directive

Annex I – point 1 – paragraph 2

Text proposed by the Commission

Where metered energy is the basis for calculating the energy performance of buildings, the calculation methodology shall be capable of identifying the influence of the behaviour of occupants and the local climate, which shall not be reflected in the result of the calculation. Metered energy to be used for the purposes of calculating the energy performance of buildings shall require readings of at least **hourly** intervals and must differentiate between energy carriers.

Amendment

Where metered energy is the basis for calculating the energy performance of buildings, the calculation methodology shall be capable of identifying the influence of the behaviour of occupants and the local climate, which shall not be reflected in the result of the calculation. Metered energy to be used for the purposes of calculating the energy performance of buildings shall require readings of at least **monthly** intervals and must differentiate between energy carriers.

Or. en

Justification

Excessive burden.

Amendment 1528

Ladislav Ilčić, Beata Szydło, Elżbieta Kruk, Zdzisław Krasnodebski, Grzegorz Tobiszowski

Proposal for a directive

Annex I – point 2 – paragraph 1

Text proposed by the Commission

The energy needs and energy use for space heating, space cooling, domestic hot water, ventilation, lighting and other technical building systems shall be calculated using **hourly or sub-hourly** time calculation intervals in order to account for varying conditions that significantly affect the operation and performance of the system and the indoor conditions, and in order to optimise health, indoor air quality and

Amendment

The energy needs and energy use for space heating, space cooling, domestic hot water, ventilation, lighting and other technical building systems shall be calculated using **monthly or sub-monthly** time calculation intervals in order to account for varying conditions that significantly affect the operation and performance of the system and the indoor conditions, and in order to optimise health, indoor air quality and

comfort levels defined by Member States
at national or regional level.

comfort levels defined by Member States
at national or regional level.

Or. en

Justification

Excessive burden.

Amendment 1529
Isabella Tovaglieri, Paolo Borchia

Proposal for a directive
Annex I – point 2 – paragraph 3 a (new)

Text proposed by the Commission

Amendment

In the calculation of the primary energy factors for the purpose of calculating the energy performance of buildings, Member States may take into account renewable energy sources supplied through the energy carrier and renewable energy sources that are generated and used on site, provided that it applies on a non-discriminatory basis

Or. en

Amendment 1530
Ladislav Ilčić, Beata Szydło, Zdzisław Krasnodębski, Grzegorz Tobiszowski

Proposal for a directive
Annex I – point 2 – paragraph 3 a (new)

Text proposed by the Commission

Amendment

In the calculation of the primary energy factors for the purpose of calculating the energy performance of buildings, Member States may take into account renewable energy sources supplied through the energy carrier and renewable energy sources that are generated and used on site, provided that it applies on a non-

discriminatory basis.

Or. en

Justification

The Energy Performance Certificate should continue to accommodate both energy efficient renovation and renewable energy sources. Owners' efforts to decarbonize their building should be fully acknowledged in the EPC.

Amendment 1531

Ladislav Ilčić, Beata Szydło, Zdzisław Krasnodębski, Grzegorz Tobiszowski

Proposal for a directive

Annex I – point 4 – point b

Text proposed by the Commission

Amendment

(b) heating installation and hot water supply, including their insulation characteristics;

(b) heating installation and hot water supply, including their insulation **and heat recovery** characteristics;

Or. en

Justification

Waste Water Heat Recovery is an available and effective energy efficiency solution to reduce the energy demand for domestic hot water via the direct heat recovery from shower drains. It can save around 40 percent of final energy and related CO2 emissions from domestic hot water production. Requiring Member States to integrate the heat recovery characteristics of the hot water system into their calculation method can unlock a potential of 4.5 Mtoe according to a study of the European Commission. Calculation methods exist but are applied in some Member States only (e.g. Portugal, France, Germany, The Netherlands), and solutions available are less attractive if their benefit is not considered when calculating the energy consumption of the building according to the EPBD.

Amendment 1532

Morten Petersen

Proposal for a directive

Annex II – table – (a) Overview of the national building stock – column 2 – row 1

Text proposed by the Commission

Amendment

Number of buildings and total floor area

Number of buildings and total floor area

- (m2):
- per building type (including public buildings and social housing)
 - per energy performance class
 - NZEB
 - worst-performing (including a definition)

- (m2):
- per building type (including public buildings and social housing)
 - per energy performance class
 - NZEB
 - worst-performing (including a definition)
 - ***Annual replacement rates for heating appliances:***
 - ***number and type of appliances replaced every year (over the previous 5 years covered by the plan);***
 - ***type of appliances newly installed.***

Or. en

Justification

The Energy Performance Certificate should continue to accommodate both energy efficient renovation and renewable energy sources.

Amendment 1533

Marisa Matias

Proposal for a directive

Annex II – table – (a) Overview of the national building stock – column 2 – row 1

Text proposed by the Commission

Amendment

- Number of buildings and total floor area (m2):
- per building type (including public buildings and social housing)
 - per energy performance class
 - NZEB

- Number of buildings and total floor area (m2):
- per building type (including public buildings and social housing)
 - ***per energy source types for space and water heating, cooling***
 - ***per estimated obsolescence date of the heating systems***
 - per energy performance class
 - NZEB

- worst-performing (including a definition)

- worst-performing (including a definition)

Or. en

Amendment 1534

Tsvetelina Penkova, Marek Pawel Balt, Miapetra Kumpula-Natri, Carlos Zorrinho

Proposal for a directive

Annex II – table – (a) Overview of the national building stock – column 2 – row 1

Text proposed by the Commission

Amendment

Number of buildings and total floor area (m2):

- per building type (including public buildings and social housing)
- per energy performance class
- NZEB
- worst-performing (including a definition)

Number of buildings and total floor area (m2):

- per building type (including public buildings and social housing)
- per energy performance class
- NZEB
- worst-performing (including a definition)
- *per energy source types for space and water heating, cooling where relevant*
- *per estimated obsolescence date of the space and water heating systems*

Or. en

Amendment 1535

Seán Kelly

Proposal for a directive

Annex II – table – (a) Overview of the national building stock – column 2 – row 4

Text proposed by the Commission

Amendment

Primary and final energy consumption (ktoe): per end use

Primary and final energy consumption (ktoe): *(annual demand in ktoe and seasonal peak demand in GWh/day):*

Amendment 1536
Seán Kelly

Proposal for a directive
Annex II – table – (a) Overview of the national building stock – column 3 – row 6

<i>Text proposed by the Commission</i>	<i>Amendment</i>
Market barriers and failures (description):	Market barriers and failures (description):
- Administrative	- Administrative
- Financial	- Financial
- Technical	- Technical
- Awareness	- Awareness
- Other	- Other
Number of:	Number of:
- Energy service companies	- Energy service companies
- construction companies	- construction companies
- architects and engineers	- architects and engineers
- skilled workers	- skilled workers
	- <i>installers and/or installation companies of heating systems</i>
	- <i>maintenance personnel of heating systems</i>
- one-stop-shops	- one-stop-shops
- SMES in the construction/renovation sector	- SMES in the construction/renovation sector
Projections of the construction workforce:	Projections of the construction workforce:
- Architects/engineers/skilled workers retired	- Architects/engineers/skilled workers retired
- Architects/engineers/skilled workers entering the market	- Architects/engineers/skilled workers entering the market
- Young people in the sector	- Young people in the sector
- Women in the sector	- Women in the sector
sector per boiler/heating system type	sector per boiler/heating system type
Overview and forecast of the evolution of prices of construction materials and	Overview and forecast of the evolution of prices of construction materials and

national market developments.

national market developments.

Or. en

Amendment 1537

Morten Petersen

Proposal for a directive

Annex II – table – (a) Overview of the national building stock – column 3 – row 6

Text proposed by the Commission

Amendment

Market barriers and failures (description):

- Administrative
- Financial
- Technical
- Awareness
- Other

Number of:

- Energy service companies
- construction companies
- architects and engineers
- skilled workers

- one-stop-shops

- SMES in the construction/renovation sector

Projections of the construction workforce:

- Architects/engineers/skilled workers retired
- Architects/engineers/skilled workers entering the market
- Young people in the sector
- Women in the sector

sector per boiler/heating system type

Market barriers and failures (description):

- Administrative
- Financial
- Technical
- Awareness
- Other

Number of:

- Energy service companies
- construction companies
- architects and engineers
- skilled workers

- ***installers and/or installation companies of heating systems***

- ***maintenance personnel of heating systems***

- one-stop-shops

- SMES in the construction/renovation sector

Projections of the construction workforce:

- Architects/engineers/skilled workers retired
- Architects/engineers/skilled workers entering the market
- Young people in the sector
- Women in the sector

sector per boiler/heating system type

Overview and forecast of the evolution of prices of construction materials and national market developments.

Overview and forecast of the evolution of prices of construction materials and national market developments.

Or. en

Amendment 1538
Seán Kelly

Proposal for a directive
Annex II – table – (b) Roadmap for 2030, 2040, 2050 – column 2 – row 1

Text proposed by the Commission

Amendment

Targets for annual renovation rates:
number and total floor area (m²):

Targets for annual renovation rates
encompassing measures for building elements that form part of the building envelope and technical building systems, that have a significant impact of the energy performance of the building:
number and total floor area (m²):

- per building type
- worst-performing

- per building type
- worst-performing

Or. en

Amendment 1539
Morten Petersen

Proposal for a directive
Annex II – table – (b) Roadmap for 2030, 2040, 2050 – column 3 – row 1

Text proposed by the Commission

Amendment

Targets for expected share (%) of renovated buildings:

— per building type
per renovation depth

Targets for expected share (%) of renovated buildings:

— per building type
per renovation depth

Similarly to what proposed in relation to targets for annual renovation rates and additional relevant information, Member States should report on:

- national targets for the replacement of old and inefficient heaters

Or. en

Amendment 1540

Seán Kelly

Proposal for a directive

Annex II – table – (b) Roadmap for 2030, 2040, 2050 – column 2 – row 2

Text proposed by the Commission

Amendment

Target for expected primary and final annual energy consumption:

- per building type
- per end use

Expected energy savings:

- per building type

Target for expected primary and final annual energy consumption ***consumption (annual demand in ktoe and seasonal peak demand in GWh/day):***

- per building type
- per end use

Expected energy savings:

- per building type

Or. en

Amendment 1541

Marisa Matias

Proposal for a directive

Annex II – table – (b) Roadmap for 2030, 2040, 2050 – column 2 – row 4

Text proposed by the Commission

Amendment

Expected wider benefits

- Creation of new jobs
- % reduction of people affected by energy poverty

Expected wider benefits

- Creation of new jobs
- % reduction of people affected by energy poverty
- ***Reduction of costs for health systems due to better indoor air quality after renovation***

Or. en

Amendment 1542

Tsvetelina Penkova, Marek Pawel Balt, Miapetra Kumpula-Natri, Carlos Zorrinho

Proposal for a directive

Annex II – table – (b) Roadmap for 2030, 2040, 2050 – column 2 – row 4

<i>Text proposed by the Commission</i>	<i>Amendment</i>
Expected wider benefits	Expected wider benefits
- Creation of new jobs	- Creation of new jobs
- % reduction of people affected by energy poverty	- % reduction of people affected by energy poverty
	- <i>Reduction of costs for health systems due to health improvements caused by better indoor air quality after the renovation</i>

Or. en

Amendment 1543

Morten Petersen

Proposal for a directive

Annex II – table – (b) Roadmap for 2030, 2040, 2050 – column 2 – row 4

<i>Text proposed by the Commission</i>	<i>Amendment</i>
Expected wider benefits	Expected wider benefits
- Creation of new jobs	- Creation of new jobs
- % reduction of people affected by energy poverty	- % reduction of people affected by energy poverty
	- <i>% reduction of people living in inadequate indoor environmental quality (indoor air quality, thermal comfort, acoustic and lighting)</i>

Or. en

Amendment 1544

Seán Kelly

Proposal for a directive

Annex II – table – (b) Roadmap for 2030, 2040, 2050 – column 2 – row 4

Text proposed by the Commission

Amendment

Expected wider benefits

Expected wider benefits

- ***Creation of new jobs***
- % reduction of people affected by energy poverty

- % reduction of people affected by energy poverty

Or. en

Amendment 1545

Marisa Matias

Proposal for a directive

Annex II – table – (b) Roadmap for 2030, 2040, 2050 – column 2 – row 8 a (new)

Text proposed by the Commission

Amendment

Targets for phasing out fossil fuels from Heating & Cooling systems

- ***per building type***
- ***as a proportion of total renovation***
- ***for building achieving over EPC D rating***

Or. en

Amendment 1546

Marisa Matias

Proposal for a directive

Annex II – table – (b) Roadmap for 2030, 2040, 2050 – column 2 – row 8 b (new)

Text proposed by the Commission

Amendment

Requirements for the implementation of circular and sufficiency targets and measures at the national level, including (a) minimum requirements for the use of

secondary materials in both new buildings and renovations by 2025, 2030 and 2040, (b) specific national targets for 2030 of at least 15 %¹ for reused & recycled contents in buildings by 2025 based upon current average levels in the construction sector and design for dismantling and reversibility of buildings

¹ Eurostat.2020 [Circular material use rate by material type.](#)

² European Environment Agency. [The European environment — state and outlook 2020.](#)

Or. en

Amendment 1547
Seán Kelly

Proposal for a directive
Annex II – table – (b) Roadmap for 2030, 2040, 2050 – row 8 a (new)

Text proposed by the Commission

Amendment

Key performance indicators for upskilling and/or reskilling actions

Examples:

- Indicating the number of people being trained within the construction industry in their respective countries;***
- Geographic coverage of vocational education and training (VETs)***
- Number of companies that provide training and apprenticeships***
- Participation of women and youth in VET and apprenticeships programs***
- Apprenticeship and VET programmes started and completed***
- Number of awareness raising campaigns***

Amendment 1548

Isabella Tovaglieri, Marco Campomenosi, Paolo Borchia

Proposal for a directive

Annex II – table – (b) Roadmap for 2030, 2040, 2050 – column 3 – row 8 a (new)

Text proposed by the Commission

Amendment

Target for expected reduction in labour shortages:

- ***job creation, based on a gap assessment between available and needed architects / engineers / skilled workers (e.g., electrical or photovoltaic installers)***
- ***percentage of women***
- ***average age***

Justification

I piani nazionali di ristrutturazione degli edifici (NBRP) sono uno strumento adatto ad aiutare gli Stati membri ad anticipare le potenziali difficoltà che ostacolano il raggiungimento degli obiettivi della direttiva EPBD, come la carenza di competenze e di forza lavoro. Questi piani devono richiedere agli Stati membri di quantificare con precisione il divario tra la forza lavoro necessaria e quella disponibile entro il 2030, il 2040 e il 2050, in modo da poter affrontare il problema e adottare di conseguenza le misure necessarie per colmare tale divario.

Amendment 1549

Seán Kelly

Proposal for a directive

Annex II – table – (b) Roadmap for 2030, 2040, 2050 – row 8 b (new)

Text proposed by the Commission

Amendment

Target for expected reduction in labour shortages:

- **job creation, based on a gap assessment between available and needed architects / engineers / skilled workers (e.g. electrical installers)**
- **% of women**
- **average age**

Or. en

**Amendment 1550
Morten Petersen**

Proposal for a directive

Annex II – table – (c) Overview of implemented and planned policies and measures – column 2 – row 1 – point o

Text proposed by the Commission

(o) awareness raising campaigns and other advisory tools.

For all policies and measures:

- Name of policy or measure
- Short description (precise scope, objective and modalities of operation)
- Quantified objective
- Type of policy or measure (such as legislative; economic; fiscal; training, awareness)
- Planned budget and funding sources
- Entities responsible for implementing the policy

Amendment

(o) awareness raising campaigns and other advisory tools.

(o a) inspection schemes including industry developed digital tools and checklists, to verify compliance with Building Automation and Control capabilities.

For all policies and measures:

- Name of policy or measure
- Short description (precise scope, objective and modalities of operation)
- Quantified objective
- Type of policy or measure (such as legislative; economic; fiscal; training, awareness)
- Planned budget and funding sources
- Entities responsible for implementing the policy

- Expected impact
- Status of implementation
- Date of entry into force
- Implementation period

- Expected impact
- Status of implementation
- Date of entry into force
- Implementation period

Or. en

Amendment 1551
Seán Kelly

Proposal for a directive
Annex II – table – (c) Overview of implemented and planned policies and measures –
column 2 – row 1 – point o

Text proposed by the Commission

Amendment

(o) awareness raising campaigns and other advisory tools.

(o) awareness raising campaigns and other advisory tools.

(o a) the modernisation of the heating and cooling stock via the installation of technologies ready to work with renewable and decarbonised energy sources;

(o b) the promotion of smart technologies for monitoring, analysis and simulation of buildings' energy performance across the whole-life cycle, including 3D modelling technologies.

(o c) the promotion of energy management solutions, such as Energy Performance Contracts (EnPCs)

(o d) measures to increase the adoption of energy performance certificates or alternative real time measurement systems

For all policies and measures:

- Name of policy or measure
- Short description (precise scope, objective and modalities of operation)
- Quantified objective
- Type of policy or measure (such as legislative; economic; fiscal; training,

For all policies and measures:

- Name of policy or measure
- Short description (precise scope, objective and modalities of operation)
- Quantified objective
- Type of policy or measure (such as legislative; economic; fiscal; training,

awareness)

- Planned budget and funding sources
- Entities responsible for implementing the policy
- Expected impact
- Status of implementation
- Date of entry into force
- Implementation period

awareness)

- Planned budget and funding sources
- Entities responsible for implementing the policy
- Expected impact
- Status of implementation
- Date of entry into force
- Implementation period

Or. en

Amendment 1552
Morten Petersen

Proposal for a directive

Annex II – table – (c) Overview of implemented and planned policies and measures – column 3 – row 1 – point f a (new)

Text proposed by the Commission

Amendment

(f a) the modernisation of the heating and cooling stock via the installation of technologies ready to work with renewable and decarbonised energy sources;

Or. en

Amendment 1553
Seán Kelly

Proposal for a directive

Annex II – table – column 1 – point (d)

Text proposed by the Commission

Amendment

(d) ***Outline*** of the investment needs, the budgetary sources and the administrative resources

(d) ***Detailed roadmap*** of the investment needs, the budgetary sources and the administrative resources

Or. en

Amendment 1554
Seán Kelly

Proposal for a directive
Annex II – table – (d) Outline of the investment needs, the budgetary sources and the administrative resources – column 2

<i>Text proposed by the Commission</i>	<i>Amendment</i>
- Total investment needs for 2030, 2040, 2050 (million EUR)	- Total investment needs for 2030, 2040, 2050 (million EUR)
- Public investments (million EUR), specifying if they are subsidies, loans or other forms of public financial mechanisms.	- Public investments (million EUR), specifying if they are subsidies, loans or other forms of public financial mechanisms.
	- <i>Private investments (million EUR), specifying if they are consumer loans, mortgages, bond issuance or other financing mechanisms</i>
- Budgetary resources	- Budgetary resources
- Secured budget	- Secured budget

Or. en

Amendment 1555
Marisa Matias

Proposal for a directive
Annex II b (new)

<i>Text proposed by the Commission</i>	<i>Amendment</i>
	<i>ANNEX IIb</i> <i>EXAMPLES OF ECONOMIC INSTRUMENTS AND OTHER MEASURES TO PROVIDE INCENTIVES FOR THE APPLICATION OF CIRCULAR AND SUFFICIENCY MEASURES REFERRED TO IN ARTICLE 15(4)</i>
	- <i>Green Economy Financing Facilities</i>

- *Local Climate Bonds via Crowdfunding*
- *Energiesprong Retrofit*
- *Grant of Use for Cooperatives*
- *Living Space Bonuses through Municipal Coordination Offices*
- *Multifamily Housing Tax Exemption*
- *Energy Sufficiency via Property Taxation*
- *Esg Based Build to Rent Mortgages*
- *Circular Adaptable and Flexible Building Valuation*
- *Environmental High Quality Standard Accreditation*
- *Green Neighbourhoods as a Service (GNaaS)*
- *Servitisation: Building Parts as a Service (BPaaS),*

Or. en

Amendment 1556
Isabella Tovaglieri, Paolo Borchia

Proposal for a directive
Annex III

Text proposed by the Commission

Amendment

ANNEX III

deleted

Or. en

Justification

Deletion of Annex III in order to leave to the Member States establishing the values of the requirements of buildings at zero energy, set according to the optimal cost level, differentiating them for buildings new and existing ones and according to different climatic zones.

Amendment 1557

Ladislav Ilčić, Beata Szydło, Elżbieta Kruk, Zdzisław Krasnodębski, Grzegorz Tobiszowski

**Proposal for a directive
Annex III**

Text proposed by the Commission

Amendment

ANNEX III

deleted

Or. en

Justification

Consistency with changes introduced to art. 2 and art. 9(a).

Amendment 1558

Morten Petersen, Nicola Danti

Proposal for a directive

Annex III – table – (c) Overview of implemented and planned policies and measures – column 3 – row 1 – point f a (new)

Text proposed by the Commission

EU climatic zone ²	Residential building	Office building	Other non-residential building*
-------------------------------	----------------------	-----------------	---------------------------------

² *Mediterranean: CY, HR, IT, EL, MT, ES, PT, Oceanic: BE, DK, IE, DE, FR, LU, NL, Continental: AT, BG, CZ, HU, PL, RO, SL, SK, Nordic: EE, FI, LV, LT, SE.*

Amendment

EU climatic zone ²	Residential building	Office building	Other non-residential building*
-------------------------------	----------------------	-----------------	---------------------------------

² *The division in climatic zones of the territory of each Member State shall be established by the Member State, on the basis of Eurostat data on climatic conditions.*

Or. en

Amendment 1559

Tsvetelina Penkova, Marek Pawel Balt, Miapetra Kumpula-Natri, Carlos Zorrinho

Proposal for a directive

Annex III – point 1 – paragraph 3

Text proposed by the Commission

The total annual primary energy use of a new or renovated zero-emission building shall be fully covered, on a net annual basis, by

– energy from renewable sources generated on-site and fulfilling the criteria of Article 7 of Directive (EU) 2018/2001 [amended RED],

– renewable energy provided from a renewable energy community within the meaning of Article 22 of Directive (EU) 2018/2001 [amended RED], or

– renewable energy and waste heat from an efficient district heating and cooling system in accordance with Article (24(1) of Directive (EU) .../... [recast EED].

Amendment

The total annual primary energy use of a new or renovated zero-emission building shall be fully covered, on a net annual basis **as well as seasonally**, by

– energy from renewable sources generated on-site and fulfilling the criteria of Article 7 of Directive (EU) 2018/2001 [amended RED],

– **energy from renewable sources produced nearby or delivered through the electricity grid**,

– renewable energy provided from a renewable energy community within the meaning of Article 22 of Directive (EU) 2018/2001 [amended RED], or

– renewable energy and waste heat from an efficient district heating and cooling system in accordance with Article (24(1) of Directive (EU) .../... [recast EED].

Or. en

Amendment 1560

Beata Szydło

Proposal for a directive

Annex III – point 1 – paragraph 3

Text proposed by the Commission

The total annual primary energy use of a new or renovated zero-emission building shall be fully covered, on a net annual basis, by

– energy from renewable sources generated

Amendment

The total annual primary energy use of a new or renovated zero-emission building shall be fully covered, on a net annual basis, by

– energy from renewable sources generated

on-site and fulfilling the criteria of Article 7 of Directive (EU) 2018/2001 [amended RED],

– **renewable energy provided from a** renewable energy community within the meaning of Article 22 of Directive (EU) 2018/2001 [amended RED], or

– renewable energy and waste heat from an efficient district heating and cooling system in accordance with Article (24(1) of Directive (EU) .../... [recast EED].

on-site and fulfilling the criteria of Article 7 of Directive (EU) 2018/2001 [amended RED],

– **energy from electricity grid,**

– a renewable energy community within the meaning of Article 22 of Directive (EU) 2018/2001 [amended RED], or

– renewable energy and waste heat from an efficient district heating and cooling system in accordance with Article (24(1) of Directive (EU) .../... [recast EED].

Or. en

Justification

The amendment aims to enable wider use of heat and cold from district heating and cooling systems by not limiting it only in terms of renewable heat from RES and waste heat.

Annex III, as proposed by the Commission, requires that, from 2030, new and renovated zero-emission buildings (in the case of new and modernized zero-emission public buildings - from 2027) should, as a rule, be supplied only by renewables or waste heat.

In practice, this provision means the degradation of existing district heating systems, in which heat is produced from fossil fuels, including natural gas, even though a building was connected to this existing district heating network, it would fulfill the requirements for the total annual primary energy use.

It should be pointed out that this requirement, in conjunction with other documents included in the “Fit for 55 package”, in particular the draft proposal for a revision of the Directive on the promotion of the use of energy from renewable sources (RED) and the draft proposal for a recast of the Directive on energy efficiency (EED), lead to policy overlap. It is particularly noticeable that, although under the draft EED, the use of an appropriate volume, e.g. heat from high-efficiency cogeneration produced in a cogeneration unit fired with natural gas, could constitute the basis for meeting the criterion of an effective heating system, the revision of the EPBD through the given criteria would significantly limit the connection of new users to such systems after 2030, and thus - block the development of efficient heating systems.

The aim of the amendments is also to take into account the role of electricity from electricity grids in the decarbonisation of buildings, as the provisions of the draft prefer to generate energy from renewable sources on site or nearby. There is no justification for such a restriction, especially since the emissivity of electricity in the grids is decreasing as a result of the decarbonisation of the generation sector.

Amendment 1561

Isabella Tovaglieri, Paolo Borchia

Proposal for a directive

Annex III – point 1 – paragraph 3 – introductory part

Text proposed by the Commission

The total annual primary energy use of a new or renovated zero-emission building shall be **fully** covered, on a net annual basis, by

Amendment

The total annual primary energy use of a new or renovated zero-emission building shall be **covered to a very significant extent**, on a net annual basis, by

Or. en

Justification

Renewable energy (RE) should generally be produced where it is most efficient. If a sufficient level of RE is already supplied by the local grid, then the remaining total annual primary energy use of a new or renovated zero-emission building should also have the possibility to be covered through the grid. The required level for RE and waste heat should not be fully 100%, as on the margin of both the electricity system and district heating there can be small amounts of fossil energy that can be extremely expensive to phase out completely, e.g. during cold weather or deficiencies in the system.

Amendment 1562

Isabella Tovaglieri, Paolo Borchia

Proposal for a directive

Annex III – point 1 – paragraph 3 – indent 1

Text proposed by the Commission

- energy from renewable sources generated on-site and fulfilling the criteria of Article 7 of Directive (EU) 2018/2001 [amended RED],

Amendment

- energy from renewable sources generated on-site **or from distributed grid-based renewables** and fulfilling the criteria of Article 7 of Directive (EU) 2018/2001 [amended RED],

Or. en

Justification

Renewable energy (RE) should generally be produced where it is most efficient. If a sufficient level of RE is already supplied by the local grid, then the remaining total annual primary energy use of a new or renovated zero-emission building should also have the possibility to be covered through the grid. The required level for RE and waste heat should not be fully 100%,

as on the margin of both the electricity system and district heating there can be small amounts of fossil energy that can be extremely expensive to phase out completely, e.g. during cold weather or deficiencies in the system.

Amendment 1563

Isabella Tovaglieri, Paolo Borchia

Proposal for a directive

Annex III – point 1 – paragraph 3 – indent 1

Text proposed by the Commission

- energy from renewable sources generated on-site and fulfilling the criteria of Article 7 of Directive (EU) 2018/2001 [amended RED],

Amendment

- energy from renewable sources generated on-site **or supplied via the grid** and fulfilling the criteria of Article 7 of Directive (EU) 2018/2001 [amended RED],

Or. en

Amendment 1564

Isabella Tovaglieri, Paolo Borchia

Proposal for a directive

Annex III – point 1 – paragraph 5

Text proposed by the Commission

Only where, due to the nature of the building or lack of access to renewable energy communities or eligible district heating and cooling systems, it is technically not feasible to fulfil the requirements under the first paragraph, the total annual primary energy use may also be covered by energy from the grid complying with criteria established at national level.

Amendment

deleted

Or. en

Justification

In order to reflect the changes to Article 2(2) and 2(3).

Amendment 1565

Ladislav Ilčić, Beata Szydło, Zdzisław Krasnodębski, Grzegorz Tobiszowski

Proposal for a directive

Annex III – point 1 – paragraph 5

Text proposed by the Commission

Only where, due to the nature of the building or lack of access to renewable energy communities or eligible district heating and cooling systems, it is technically not feasible to fulfil the requirements under the first paragraph, the total annual primary energy use may also be covered by energy from the grid complying with criteria established at national level.

Amendment

Only where, due to the nature of the building or lack of access to renewable energy communities or eligible district heating and cooling systems, it is technically not feasible to fulfil the requirements under the first paragraph, the total annual primary energy use may also be covered by energy from the grid complying with criteria established at national level. ***For buildings that are not connected to the grid or where it is not technically feasible or cost efficient due to the nature of the first paragraph, the total annual primary energy sources produced off-site.***

Or. en

Justification

Majority of buildings in rural areas are not connected to the electricity or to the gas grid, and it is technically not feasible or cost-efficient for consumers to rely only on renewable energy produced on-site, such as solar power. To achieve a fully decarbonized building stock by 2050, such buildings should be able to utilize other readily available renewable energy sources produced off-site, such as renewable liquid gases, to be granted the status of a zero-emissions building.

Amendment 1566

Ladislav Ilčić, Beata Szydło, Elżbieta Kruk, Zdzisław Krasnodębski, Grzegorz Tobiszowski

Proposal for a directive

Annex VI – point 1 – paragraph 2 – point a

Text proposed by the Commission

(a) a validity check of the input data

Amendment

(a) a validity check of the input data of

(including on-site checks) of the building used to issue the energy performance certificate and the results stated in the certificate;

the building used to issue the energy performance certificate and the results stated in the certificate;

Or. en

Justification

Excessive burden.

Amendment 1567

Ladislav Ilčić, Beata Szydło, Elżbieta Kruk, Zdzisław Krasnodębski, Grzegorz Tobiszowski

Proposal for a directive

Annex VI – point 2 – paragraph 4

Text proposed by the Commission

The validity of the input data shall be verified by *on-site visits in at least 10% of the energy performance certificates that are part of the* random sampling used to assess the overall quality of the scheme.

Amendment

The validity of the input data shall be verified by random sampling used to assess the overall quality of the scheme.

Or. en

Justification

Excessive burden.

Amendment 1568

Ladislav Ilčić, Beata Szydło, Elżbieta Kruk, Zdzisław Krasnodębski, Grzegorz Tobiszowski

Proposal for a directive

Annex VI – point 2 – paragraph 5

Text proposed by the Commission

In addition *to the minimum random sampling to determine the overall level of quality*, Member States may use different strategies to specifically detect and target

Amendment

In addition, Member States may use different strategies to specifically detect and target poor quality in energy performance certificates with the objective

poor quality in energy performance certificates with the objective to improve the overall quality of the scheme. Such targeted analysis cannot be used as the basis to measure the overall quality of the scheme.

to improve the overall quality of the scheme. Such targeted analysis cannot be used as the basis to measure the overall quality of the scheme.

Or. en

Justification

Excessive burden.