**Draft compromises EPBD**

**(Compiled version of batch 1, 2 and 3)**

**Definitions**

**Definition: Technical building system**

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| **COM text** | **Proposed CA 1** | **Covering AMs:**  |
| 3. ‘technical building system’ means technical equipment for space heating, space cooling, ventilation, domestic hot water, built-in lighting, building automation and control, on-site electricity generation, on-site infrastructure for electro-mobility, or a combination of such systems, including those using energy from renewable sources, of a building or building unit; | 3. ‘technical building system’ means technical equipment for space heating, space cooling, ventilation, ***management of indoor air quality,*** domestic hot water, built-in***indoor and outdoor*** lighting ***systems***, ***solar shading,*** ***elevators and escalators,*** building automation and control, on-site electricity generation ***and storage***, on-site infrastructure for electro-mobility, or a combination of such systems, including those using energy from renewable sources, of a building or building unit; | 15 (EPP)204 (Kallas etc)205 (Rubig)206 (Marinescu)207 (EFDD) 208 (Toia)209 (Blanco Lopez etc)211 (S&D) 212 (ALDE) 214 (Telicka)CA (tentatively) supported by:EPP, S&D, ECR, ALDE, Greens, EFDD, GUE |
| **Relevant amendments:**- 15, 204, 205, 206, 207, 208, 209, 210, 211, 212, 213, 214**To be voted as add to compromise:**- data transmission (based on AM 207, EFDD):3. ‘technical building system’ means technical equipment for space heating, space cooling, ventilation, management of indoor air quality, domestic hot water, built-in indoor and outdoor lighting systems, solar shading, elevators and escalators, building automation and control **[add1]**, on-site electricity generation and storage, on-site infrastructure for electro-mobility, or a combination of such systems, including those using energy from renewable sources, of a building or building unit;**Add1:** *“building data transmission and storage”* |

**Definition: Trigger points**

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| **COM text** | **Proposed CA 2** | **Covering AMs:**  |
| No text  | In Article 2, the following point is inserted:***3x: “Trigger point” means an opportune moment, for example from a cost-effectiveness, cost-efficiency or disruption perspective, in the life cycle of a building for carrying out energy efficiency renovations.*** | 219 (Greens)220 (EFDD)221 (S&D)233 (ALDE)CA supported by:EPP; S&D; ECR; Greens, EFDD, GUETo check: ALDE |
| **Relevant amendments:**- 219, 220, 221, 233 |

**Definition: Building renovation passport**

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| **COM text** | **Proposed CA 3** | **Covering AMs:**  |
| No text | In Article 2, the following point is added:***4x. “building renovation passport” means a long-term roadmap, which is based on quality criteria and follows an energy audit, and that outlines relevant measures and renovations that would improve the energy performance of a specific building;*** | 217 (S&D)222 (S&D)223 (EFDD)224 (Greens)232 (ALDE)CA (tentatively) supported by:EPP, ALDE; EFDD, GUETo check: S&D |
| **Relevant amendments:**- 217, 222, 223, 224, 232 |

**Definition: BACs – Building automation and control systems**

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| **COM text** | **Proposed CA 4** | **Covering AMs:**  |
| No text | in Article 2, the following point is inserted: ***'16a. "building automation and control system" means a system comprising all products, software and engineering services for automatic controls including interlocks, monitoring, optimisation, for operation, human intervention and management to achieve energy-efficient, economical and safe operation of technical building systems'*** | 16 (EPP)226 (EFDD)CA (tentatively) supported by: EPP, S&D, ECR, ALDE, Greens, EFDD, GUE |
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| **Relevant amendments:**- 16, 226 |

**Definition: Effective rated output**

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| **COM text** | **Proposed CA 5** | **Covering AMs:**  |
| No text | Article 2, point 17 is amended as follows: 17. ‘effective rated output’ means the maximum calorific output, expressed in kW, specified and guaranteed by the manufacturer as being deliverable during continuous operation while complying with the useful efficiency indicated by the manufacturer **where**:***(a) ‘full load’ means maximal capacity demand of technical building systems for space heating, space cooling, ventilation and domestic hot water******(b) ’part load’ means a part of full load capacity representing average operating conditions;*** | 239 (ALDE)240 (Kofod)241 (Kofod)CA (tentatively) supported by:EPP, S&D, ECR; ALDE, Greens, EFDD, GUE |
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| **Relevant amendments:**- 239, 240, 241 |

**Definition: Decarbonised building stock**

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| **COM text** | **Proposed CA 5a (NEW)** | **Covering AMs:**  |
| No text | Article 2 the following point is added: ***X. “Decarbonised building stock” means a building stock performing to Nearly Zero-Energy Building level and which is energy efficient to the maximum of its potential.*** | 215 (EFDD)216 (Greens)231 (ALDE)242 (Kofod)243 (Poche)CA (tentatively) supported by:ALDE; EFDD; GUETo check: S&D, EPP |
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| **Relevant amendments:**- 215, 216, 231, 242, 243 |

**Long-term renovation strategies (art. 2a)**

**Art. 2a, para 1 – content on national long-term renovation strategies**

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| **COM text** | **Proposed CA 6** | **Covering AMs:**  |
| 1. the first paragraph consists of Article 4 of the Directive 2012/27/EU on energy efficiency, other than its last subparagraph;

Member States shall establish a long-term strategy for mobilising investment in the renovation of the national stock of residential and commercial buildings, both public and private. This strategy shall encompass:  |  (a) the ***following paragraph 1 is inserted:*** '1. Member States shall establish a long-term strategy for ***the transformation of*** the national stock of residential and commercial buildings, both public and private, ***into a highly energy efficient and decarbonised building stock by 2050.*** ***The strategy shall include actions for mobilising investment to facilitate renovation needed to achieve the 2050 goals.*** This strategy shall encompass:  | 17 (EPP)244 (Greens)245 (S&D)246 (Kofod etc.)247 (Grossetete etc.)248 (EFDD)249 (Rubig etc.)250 (Kallas etc.)251 (ALDE)253 (Telicka etc.)254 (Langen)255 (GUE)256 (Martin)257 (EPP)CA tentatively supported by: |
| (a) an overview of the national building stock based, as appropriate, on statistical sampling; | (a) an overview of the national building stock, ***including relevant building typologies,*** based, as appropriate, on statistical sampling; |  |
| (b) identification of cost-effective approaches to renovations relevant to the building type and climatic zone; | (b) identification of cost-effective approaches ***and actions to stimulate technology neutral*** renovations relevant to the building type and climatic zone, ***considering relevant trigger points in the life-cycle of the building;*** |  |
| (c) policies and measures to stimulate cost-effective deep renovations of buildings, including staged deep renovations; | (c) policies ***and actions*** to stimulate cost-effective deep renovations of buildings, including staged deep renovations ***and decarbonisation of the heating and cooling demand, for example by introducing a scheme for building renovation passports;*** |  |
|  | (***ca) policies and actions to support targeted low-cost energy efficiency measures and renovations;*** |  |
|  | ***(d) policies and actions to target the worst performing segments of the national building stock, households subject to energy poverty and households subject to split-incentive dilemmas as well as multi-family dwellings facing challenges to conduct renovations, while taking into consideration affordability;*** |   |
|  | ***(e) policies and actions to target all public buildings, including social housing;*** | (suggesting recital to clarify schools and hospitals in regards added value to well-being, health and productivity) |
|  | ***(ea) policies and actions aiming to accelerate technological transition towards smart and well-connected buildings and communities as well as deployment of very high-capacity networks;*** | (also to be accompanied by a recital on high capacity networks) |
|  | ***(f) an overview of national initiatives to promote skills, training and education in the construction and energy efficiency sectors as well as education in both passive elements and smart technologies;*** |  |
| (d) a forward-looking perspective to guide investment decisions of individuals, the construction industry and financial institutions; | (g) a forward-looking perspective to guide investment decisions of individuals, the construction industry, ***public institutions including municipalities, housing cooperatives*** and financial institutions; |  |
| (e) an evidence-based estimate of expected energy savings and wider benefits. | (h) an evidence-based estimate of expected energy savings and wider benefits, ***such as those related to health, safety and air quality.*** | (also to be accompanied by a recital on (fire) safety) |
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| New subparagraph | ***The development and implementation of the long-term renovation strategies shall be supported by structured, permanent stakeholder platforms, including representatives from local and regional communities, social dialogue representatives including employees, employers, SMEs and the construction sector, as well as minority representatives.*** | *(AM247, Grossetete, AM256 Martin)* |
| **Relevant amendments:**- 17, 244, 245, 246, 247, 248, 249, 250, 251, 252, 253, 254, 255, 256, 257, 315, 320, 321, **To be voted separately:**- Rental property and worst performing restrictions from 2023 (to be decided whether AM 244, 245, or 246 will be voted by S&D and Greens who tabled the proposals) |

**Art. 2a, para 2, first subparagraph – milestones of long-term renovation strategies**

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| **COM text** | **Proposed CA 7** | **Covering AMs:**  |
| 2. In their long-term renovation strategy referred to in paragraph 1, Member States shall set out a roadmap with clear milestones and measures to deliver on the long-term 2050 goal to decarbonise their national building stock, with specific milestones for 2030. | 2. In their long-term renovation strategy referred to in paragraph 1, Member States shall set out a roadmap with clear milestones ***and actions*** to deliver on the long-term 2050 goal to ***ensure a******highly energy efficient and*** decarbonise***d*** national building stock, with specific milestones for 2030 ***and 2040******as well as measurable progress indicators.*** | 18 (EPP)258 (EFDD)259 (Zanonato)260 (S&D)261 (ENF) 262 (Poche) 263 (Greens) 264 (GUE)265 (Grossetete etc) 266 (Toia)267 (Kohlicek) 268 (Gerbrandy etc.)269 (Telicka)270 (Dalli)271 (ENF) 272 (Gambus)CA supported by:EPP, S&D; ALDE, EFDD |
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| **Relevant amendments:**- 18 (EPP), 258, 259, 260, 261, 262, 263, 264, 265, 266, 267, 268, 269, 270, 271, 272 |

**Art. 2a, para 2, subparagraph 1a (new) – milestones’ contribution**

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| **COM text** | **Proposed CA 8** | **Covering AMs:**  |
| No text | ***Member States shall specify how their milestones contribute to achieving the Union's energy efficiency target(s) in 2030 of X %, in accordance with Directive 2012/27/EU [updated reference], and the Union's target to reduce greenhouse gas emissions by 80-95 % by 2050.*** | 19 (EPP)260 (S&D)268 (Gerbrandy etc.)269 (Telicka)273 (Greens)290 (ALDE)313 (Gambus)CA supported by: |
|  |  |  |
| **Relevant amendments:**- 19, 258, 259, 260, 262, 263, 264, 266, 269, 273, 290, 313**Compromise also covers:**- Recital on other air pollutants |

**Art. 2a, para. 2, second subparagraph – energy poverty**

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| **COM text** | **Proposed CA 9** | **Covering AMs:**  |
| In addition, the long term renovation strategy shall contribute to the alleviation of energy poverty. | In addition, the long term renovation strategy shall ***outline relevant actions tha****t* contribute to the alleviation of energy poverty ***while supporting equal access to financing tools for energy efficiency renovations for vulnerable households.*** | 20 (EPP)276 (Gambus)277 (277)279 (Greens)280 (S&D)281 (Geier etc.)282 (Dalli)283 (Pieper etc.)284 (Høkmark)285 (GUE)286 (Telicka)288 (Marinescu)CA tentatively supported by: |
|  |  |  |
| **Relevant amendments:**- 20, 274, 275, 276, 277, 278, 279, 280, 281, 282, 283, 284, 285, 286, 287, 288,  |

**Art. 2a, para. 3 – financing**

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| **COM text** | **Proposed CA 10** | **Covering AMs:**  |
| 3. To guide investment decisions as referred to in ***point (d)*** in paragraph 1, Member States shall introduce mechanisms for:  | 3. To ***enable and*** guide investment decisions as referred to in paragraph 1, Member States shall introduce ***or sustain*** mechanisms for: | 21 (EPP)291 (Greens)292 (S&D)294 (Van Brempt)297 (Telicka etc.)300 (EPP)301 (Greens)302 (ALDE)304 (S&D)305 (Greens)307 (Greens)309 (Dalli)311 (Marinescu)312 (Kappel)CA tentatively supported by:EPP, S&D, ECR; ALDE,  |
| (a) the aggregation of projects, to make it easier for investors to fund the renovations referred to in ***points (b) and (c)*** in paragraph 1; | (a) the aggregation of projects***, including by investment platforms***, to make it easier for investors to fund the renovations referred to in paragraph 1; |  |
| (b) de-risking energy efficiency operations for investors and the private sector; and | (b) ***reducing the perceived risk of*** energy efficiency operations for investors and the private sector***, e.g. by subjecting the factor for collateral with certified energy efficiency renovations to lower risk weighting in capital requirements;***  |  |
| (c) the use of public funding to leverage additional private-sector investment or address specific market failures.’ | (c) the use of public funding to leverage additional private-sector investment**, *including within the framework of the Smart Finance for Smart Buildings Initiative*,** or address specific market failures; |  |
|  | ***(c a) in line with Eurostat guidance and clarifications within the framework of ESA 2010, the guidance of investments into an energy efficient public building stock and clarification on the interpretation of accounting rules, to support a holistic approach to public authorities investments; and*** |  |
|  | ***(caa) supporting project development assistance as well as facilitating aggregation of small and medium sized enterprises in groups and consortia to enable packaged solutions to potential clients;*** |  |
|  | ***(c b) accessible and transparent advisory tools, such as one-stop-shops for consumers and energy advisory services informing on energy efficiency renovations, and available financial instruments for energy efficiency renovations in buildings.*** |  |
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| **Relevant amendments:**- 21, 291, 292, 293, 294, 295, 296, 297, 298, 299, 300, 301, 302, 303, 304, 305, 306, 307, 308, 309, 311, 312, 321**To be voted separately**:- Social housing renovation and dedicated funds for up-front costs (AM306, Greens) - AM308 (all other issues than SMEs) - Public debt and the SGP (AM323, Greens + EFDD AM472) |

**Art. 2a, para. 3a (new): best practice *-*** *has been moved from previous CA24*

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| **COM text** | **Proposed CA 10a (previous 24)** | **Covering AMs:**  |
| No text | **6c. The Commission shall ensure the collection and dissemination of best practices on successful public and private financing schemes for energy efficiency renovations as well as information on schemes for the aggregation of small-scale energy efficiency renovation projects. The Commission shall furthermore provide the information on financial incentives to renovate from a consumer perspective;** | 476 (Nica etc)480 (Toia)CA (tentatively) supported by:EPP, S&D, ALDE, Greens, EFDD, (ECR) |
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| **Relevant amendments:**202, 445, 476, 480,  |

**Art. 2a, para. 4 (new): public consultation**

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| **COM text** | **Proposed CA 11** | **Covering AMs:**  |
| No text | ***4. Each Member State shall carry out a public consultation, including all relevant stakeholders, for a duration of at least three months on the draft long-term renovation strategy prior to the submission of its long-term renovation strategy to the Commission. A summary of the result of the public consultation shall be published as an annex to the strategy.*** | 26 (EPP)310 (Greens)317 (Greens)318 (S&D)322 (EFDD)CA tentatively supported by:EPP; S&D; ALDE; EFDDTo check: ECR, Greens |
| **Relevant amendments:**- 26, 310, 316, 317, 318, 322 |

**Art. 2a, para. 5 (new): implementation reporting**

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| **COM text** | **Proposed CA 12** | **Covering AMs:**  |
| No text | ***5. Each Member State shall include details of the implementation of its long-term renovation strategy, including on the planned policies and actions, in accordance with the reporting obligations [Article 19 (a)] of the Governance Regulation (XXX), as a part of their integrated national energy and climate progress report.*** | 27 (EPP)319 (EFDD)326 (S&D)CA tentatively supported by:EPP; S&D; ALDE; Greens; EFDD; GUE |
| **Relevant amendments:**- 27, 314, 316, 319, 324, 325, 326 |

**Building requirements**

**Art. 6 - New buildings**

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| **COM text** | **Proposed CA 13** | **Covering AMs:**  |
| (3) Article 6 is amended as follows:* + - 1. in paragraph 1, the second subparagraph is deleted;

*~~For new buildings, Member States shall ensure that, before construction starts, the technical, environmental and economic feasibility of high-efficiency alternative systems such as those listed below, if available, is considered and taken into account:~~* *~~(a) decentralised energy supply systems based on energy from renewable sources;~~* *~~(b) cogeneration;~~* *~~(c) district or block heating or cooling, particularly where it is based entirely or partially on energy from renewable sources;~~* *~~(d) heat pumps.~~* | 3) Article 6 is amended as follows:(a) in paragraph 1, the second subparagraph is ***replaced by the following***;***For new buildings, Member States shall ensure that, before construction starts, the technical, environmental and economic feasibility of high-efficiency alternative systems, if available, is ~~considered and~~ taken into account.*** | 327 (Grossetete etc.) 328 (Rubig)329 (Greens) 330 (ALDE) 331 (Rubig)CA (tentatively) supported by:EPP; S&D; ECR; ALDE; Greens, EFDD; GUE |
| * + - 1. paragraphs 2 and 3 are deleted;

*~~2. Member States shall ensure that the analysis of alternative systems referred to in paragraph 1 is documented and available for verification purposes.~~* *~~3. That analysis of alternative systems may be carried out for individual buildings or for groups of similar buildings or for common typologies of buildings in the same area. As far as collective heating and cooling systems are concerned, the analysis may be carried out for all buildings connected to the system in the same area.~~* |  |  |
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| **Relevant amendments:**327, 328, 329, 330, 331, **Compromise also covers:**- recital on specific technologies that are currently considered high-efficiency alternatives |

**Art. 7, para 5 - Existing buildings**

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| **COM text** | **Proposed CA 14** | **Covering AMs:**  |
| (4) in Article 7, the fifth subparagraph is deleted;*~~Member States shall encourage, in relation to buildings undergoing major renovation, the consideration and taking into account of high-efficiency alternative systems, as referred to in Article 6(1), in so far as this is technically, functionally and economically feasible~~*. | (4) Article 7, the fifth ***paragraph*** is ***replaced by the following:******Member States shall ensure~~courage~~, in relation to buildings undergoing major renovation, the ~~consideration and~~ taking into account of high-efficiency alternative systems, ~~as referred to in Article 6(1),~~ in so far as this is technically, functionally and economically feasible, as well as encourage a healthy indoor climate conditions.*** | 28 (EPP)332 (S&D)333 (Grossetete)334 (S&D)335 (Greens)336 (Rubig)337 (GUE)CA (tentatively) supported by:EPP; S&D; ECR; ALDE; Greens, EFDD; GUE |
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| **Relevant amendments:**28, 332, 333, 334, 335, 336, **Compromise also covers:**- A recital specifying considerations to removal of harmful substances, air pollutants, mould and asbestos |

**Electro-mobility**

**Art. 8, para. 2 - non-residential buildings**

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| **COM text** | **Proposed CA 15** | **Covering AMs:**  |
| ‘2. Member States shall ensure that in all new non-residential buildings and in all existing non-residential buildings undergoing major renovation with more than ten parking spaces, at least one of every ten is equipped with a recharging point within the meaning of Directive 2014/94/EU on the deployment of alternative fuels infrastructure[[1]](#footnote-1), which is capable of starting and stopping charging in reaction to price signals. This requirement shall apply to all non-residential buildings, with more than ten parking spaces, as of 1 January 2025. | 2. Member States shall ensure that in all new non-residential buildings and in all existing non-residential buildingswith more than ten parking spaces undergoing major renovation ***encompassing*** ***~~related to~~ the electrical infrastructure of the building or ~~of~~ the*** parking ***lot***, at least one of every ten ***parking spaces*** is equipped with ***adequate pre-cabling or pre-tubing, in order to enable installation of*** a recharging point within the meaning of Directive 2014/94/EU on the deployment of alternative fuels infrastructure ***of the European Parliament and the ~~European~~ Council***.***2a. Member States shall require*** ***installation of a minimum number of recharging points to*** ***all public and commercial***non-residential buildings, with more than ten parking spaces, ***by*** 1 January 2025.***2b. Member States shall apply the provisions of paragraph 2 to mixed-used buildings with more than ten parking spaces provided they are new or undergoing major renovation encompassing the electrical infrastructure of the building or the parking lot.*** | 29 (EPP)341 (EFDD)344 (Telicka)345 (Reul)346 (Niebler etc.)347 (S&D)348 (Poche) 349 (Rubig)350 (Gambus)351 (Czesak)352 (Marinescu)353 (Nica)354 (Toia)355 (Freund)356 (Ludvigsson)358 (Salini)359 (Dalli)360 (Virkkunen)361 (Blanco Lopez)363 (ENF)364 (Martin)397 (Toia)CA (tentatively) supported by:EPP, S&D, (ECR), ALDE, Greens |
| Member States may decide not to set or apply the requirements referred to in the previous subparagraph to buildings owned and occupied by small and medium-sized enterprises as defined in Title I of the Annex to Commission Recommendation 2003/361/EC of 6 May 2003. | Member States may decide not to set or apply the requirements referred to in the previous subparagraph to buildings owned and occupied by small and medium-sized enterprises as defined in Title I of the Annex to Commission Recommendation 2003/361/EC of 6 May 2003. |  |
| **Relevant amendments:**29, 340, 341, 342, 343, 344, 345, 346, 347, 348, 349, 350, 351, 352, 353, 354, 355, 356, 357, 358, 359, 360, 361, 362, 363, 364, 365, 366, 367**Compromise also covers:** - recital to clarify the meaning of adequate capacity of pre-tubing/pre-cabling**To be voted as add to compromise (groups requesting additions are kindly requested approve the suggested wording of Add1):**2. Member States shall ensure that in all new non-residential buildings and in all existing non-residential buildings with more than ten parking spaces undergoing major renovation encompassing the electrical infrastructure of the building or the parking lot, at least one of every ten parking spaces is equipped with adequate pre-cabling or pre-tubing, in order to enable installation of a recharging point **[add1]** within the meaning of Directive 2014/94/EU on the deployment of alternative fuels infrastructure of the European Parliament and the Council.***[add1]: - which is capable of bi-directional charging and to react to price signals -***(covering AMs AM398 Toia, AM352 Marinescu, AM350 Gambus, AM353 Nica etc., AM344 Telicka, AM341 EFDD)**To be voted separately:****-** exemption for outermost regions exemption (to be formulated based on AM401, Grossetete etc.) |

**Art. 8, para. 3 - residential buildings**

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| **COM text** | **Proposed CA 16** | **Covering AMs:**  |
| 3. Member States shall ensure that newly built residential buildings and those undergoing major renovations, with more than ten parking spaces, include the pre-cabling to enable the installation of recharging points for electric vehicles for every parking space. | 3. Member States shall ensure that ***new*** residential buildings and those undergoing major renovations ***~~related to~~ encompassing the electrical infrastructure of the building or the adjacent or built-in parking lot***, with more than ten parking spaces, include the ***adequate*** pre-cabling ***or pre-tubing*** to enable the installation of recharging points for electric vehicles for every parking space. | 30 (EPP)371 (Geier)374 (Greens)377 (Buzek)378 (Grossetete etc.)379 (Gambus)380 (Martin etc.)381 (S&D)382 (Freund)383 (Toia)384 (Ludvigsson)386 (Blanco Lopez)389 (Dalli)393 (Nica etc.)CA (tentatively) supported by:EPP, S&D, ECR; ALDE, Greens; (GUE) |
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| **Relevant amendments:**30, 368, 369, 370, 371, 372, 373, 374, 375, 376, 377, 378, 379, 380, 381, 382, 383, 384, 385, 386, 387, 388, 389, 390, 391, 392, 393, **Compromise also covers:**- recital clarifying the meaning of adequate capacity of pre-tubing/pre-cabling |

**Art. 8, para. 4 - exemptions**

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| **COM text** | **Proposed CA 17** | **Covering AMs:**  |
| 4. Member States may decide not to set or apply the requirements referred to in paragraphs 2 and 3 to public buildings which are already covered by Directive 2014/94/EU.’; | 4. Member States may decide not to set or apply the requirements referred to in paragraphs 2 and 3 to public buildings ***provided that they*** are already covered by ***comparable requirements according to the national transposition of*** Directive 2014/94/EU. | 31 (EPP)396 (EFDD)402 (Greens)403 (S&D)404 (Rubig)CA supported by:EPP, S&D, ECR; ALDE; Greens, EFDD, GUE |
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| **Relevant amendments:**31, 368, 369, 370, 396, 402, 404 |

**Art. 8, new 4a - public parking lots**

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| **COM text** | **Proposed CA 18** | **Covering AMs:**  |
| No text | ***4 a. Member States shall ensure that public parking lots operated by private entities are subject to the requirements referred to in paragraphs 2 and 3.*** | 32 (EPP)396 (EFDD)399 (Toia)406 (Gambus)CA (tentatively) supported by:EPP, S&D, ECR; ALDE, Greens, EFDD, GUE |
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| **Relevant amendments:**32, 399, 406 |

**Art. 8, new 4b - permitting procedures**

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| **COM text** | **Proposed CA 19** | **Covering AMs:**  |
| No text | ***4 b. Member States shall tackle regulatory barriers and ensure that there are simplified permitting and approval procedures for owners and tenants in order to enable the deployment of recharging points in existing residential and non-residential buildings.*** | 33 (EPP)372 (Pieper)376 (Virkkunen)407 (S&D)408 (Greens)CA (tentatively) supported by:EPP; S&D, ECR, ALDE; Greens, EFDD; GUE |
|  |  |  |
| **Relevant amendments:**33, 372, 376, 407, 408**To be voted separately:**- Right to plug (second part of para 2a of AM341 EFDD)- Right to use own resources (AM370 EFDD) |

**Art. 8, new 4c - urban mobility and other technologies**

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| **COM text** | **Proposed CA 20** | **Covering AMs:**  |
| No text | ***4c. Further to the requirements for electro-mobility infrastructure, Member States shall take into consideration the need for alternative fuels infrastructure in buildings and for the support of dedicated infrastructures, e.g. by electro-mobility corridors, as well as the need for coherent policies for soft and green mobility, multi-modality and urban planning.*** | 366 (Greens)374 (Greens)395 (Grossetete)409 (Greens)CA (tentatively) supported by:EPP, S&D, ECR; ALDE; (Greens); GUE |
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| **Relevant amendments:**366, 374, 395, 409**To be voted separately:**- dedicated parking spots for reduced mobility (AM342, Greens) |

**Technical buildings systems**

**Art. 8, 5 - Technical building systems**

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| **COM text** | **Proposed CA 21** | **Covering AMs:**  |
| 5. Member States shall ensure that, when a technical building system is installed, replaced or upgraded, the overall energy performance of the complete altered system is assessed, documented it and passed on to the building owner, so that it remains available for the verification of compliance with the minimum requirements set pursuant to paragraph 1 and the issue of energy performance certificates. Member States shall ensure that this information is included in the national energy performance certificate database referred to in Article 18(3). | 5. Member States shall ensure that, when a technical building system is installed, replaced or upgraded, the overall energy performance of the complete altered system is assessed, ***both at full load and part load conditions, and when relevant, the impact on indoor air quality should also be assessed***. ***The results shall be*** documented and passed on to the building owner, so that it remains available for the verification of compliance with the minimum requirements set pursuant to paragraph 1 and the issue of energy performance certificates. Member States shall ensure that this information is included in the national energy performance certificate database referred to in Article 18(3). | 411 (GUE)412 (Kofod)413 (S&D)414 (ALDE)415 (Greens)416 (Virkkunen)417 (Toia)418 (Grossetete etc.)419 (Rubig)420 (Geier)421 (Pieper etc.)CA (tentatively) supported by:EPP; S&D; ALDETo check: ECR; Greens |
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| **Relevant amendments:**411, 412, 413, 414, 415, 416, 417, 418, 419, 420, 421**To be voted separately:**- request for addition to include requirement to install individual room temperature controls (AM423 Greens, AM 422 Kofod etc.,) |

**Energy efficiency documentation**

**Art. 10, para. 6**

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| **COM text** | **Proposed CA 22** | **Covering AMs:**  |
| Article 10 is amended as follows:paragraph 6 is replaced by the following:‘6. Member States shall link their financial measures for energy efficiency improvements in the renovation of buildings to the energy savings achieved due to such renovation. These savings shall be determined by comparing energy performance certificates issued before and after renovation.’; | 6. Member States shall link their financial measures for energy efficiency improvements in the renovation of buildings to the energy savings achieved due to such renovation. These savings shall***,* where proportionate to the volume of the renovation,** be determined **by an energy audit or by** comparing energy performance certificates issued before and after renovation**, or by using standard values for calculation of energy savings in buildings or similar relevant, transparent methodology for documentation**. | 36 (EPP)451 (Winkler)452 (S&D)454 (Kappel)455 (Marinescu)456 (Grossetete)460 (Toia)461 (Poche)462 (Geier)CA (tentatively) supported by:EPP, S&D, ECR; ALDE; (Greens) |
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| **Relevant amendments:**36, 448, 449, 450, 451, 452, 453, 454, 455, 456, 457, 458, 459, 460, 461, 462, 463**To be voted separately:***- add1 to compromise: AM453 Zanonato inclusion of certification cost*6. Member States shall link their financial measures for energy efficiency improvements in the renovation of buildings to the energy savings achieved due to such renovation. These savings shall, where proportionate to the volume of the renovation, be determined by an energy audit or by comparing energy performance certificates issued before and after renovation, or by using standard values for calculation of energy savings in buildings or similar relevant, transparent methodology for documentation. **[add1]****Add1**: *“Where the energy performance certificate attest an improvement in the building’s energy performance, the certification costs may be included in the incentive provided by the Member State concerned.”* |

**EPC database**

**Art. 10, para. 6a and 6b (new)**

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| **COM text** | **Proposed CA 23** | **Covering AMs:**  |
| the following paragraphs 6a and, 6b are inserted:‘6a. When Member States put in place a database for registering EPCs it shall allow tracking the actual energy consumption of the buildings covered, regardless of their size and category. The database shall contain the actual energy consumption data of buildings frequently visited by the public with useful floor area of over 250 m² which shall be regularly updated.6b. Aggregated anonymised data compliant with EU data protection requirements shall be made available on request, at least for the public authorities for statistical and research purposes.’; | 6a. When Member States put in place a database **oruse an existing database** for registering EPCs it shall allow tracking the **~~actual~~** energy consumption of the buildings covered, regardless of their size and category. The database shall contain the **~~actual~~** energy consumption data of **buildings owned, managed or occupied by public authorities** with useful floor area of over 250 m² which shall be regularly updated.6b. Aggregated anonymised data compliant with EU data protection requirements shall be made available on request, at least for the public authorities for statistical and research purposes.’; | 37 (EPP)470 (S&D)CA (tentatively) supported by:EPP; S&D, ALDE, (ECR) |
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| **Relevant amendments:**37, 464, 465, 466, 467, 468, 469, 470, 471**To be voted as add to compromise:**Data available on request to building owners (AM 475 Greens): 6b. Aggregated anonymised data compliant with EU data protection requirements shall be made available on request, at least for the public authorities for statistical and research purposes **[add1].****Add1**: *“whereas the full database shall be available for the building owner.”* |

**Inspection**

**Art. 14 – heating systems**

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| **COM text** | **Proposed CA 24** | **Covering AMs:**  |
| paragraph 1 is replaced by the following:‘1. Member States shall lay down the necessary measures to establish a regular inspection of the accessible parts of systems used for heating buildings, such as the heat generator, control system and circulation pump(s) for non-residential buildings with total primary energy use of over 250MWh and for residential buildings with a centralised technical building system of a cumulated effective rated output of over 100 kW. That inspection shall include an assessment of the boiler efficiency and the boiler sizing compared with the heating requirements of the building. The assessment of the boiler sizing does not have to be repeated as long as no changes were made to the heating system or as regards the heating requirements of the building in the meantime.’; | ‘1. Member States shall lay down the necessary measures to establish a regular inspection of the accessible parts of systems used for heating buildings, such as the heat generator, control system and circulation pump(s) for non-residential buildings with total primary energy use of over 250MWh and for residential buildings with a technical building system **for [space and domestic water heating] purposes** of a cumulated effective rated output of over **70**kW. That inspection shall include an assessment of the **heat generator** efficiency and the **heat generator** sizing compared with the heating requirements of the building. The assessment of the **heat generator** sizing does not have to be repeated as long as no changes were made to the heating system or as regards the heating requirements of the building in the meantime.’; | 38 (EPP)488 (EPP)489 (EFDD)490 (Telicka)492 (Gerbrandy)493 (Nica etc.)495 (Virkkunen)496 (Pieper)CA (tentatively) supported by: |
| (b) paragraphs 2, 3, 4 and 5 are deleted and replaced by the following:‘2. **As an alternative to paragraph 1** Member States may set requirements to ensure that non-residential buildings with total primary energy use of over 250 MWh per year are equipped with building automation and control systems. These systems shall be capable of:(a) continuously monitoring, analysing and adjusting energy usage;(b) benchmarking the building’s energy efficiency, detecting losses in efficiency of technical building systems, and informing the person responsible for the facilities or technical building management about opportunities for energy efficiency improvement; (c) allowing communication with connected technical building systems and other appliances inside the building, and being interoperable with technical building systems across different types of proprietary technologies, devices and manufacturers*.* | 2. Member States **shall** **require** that non-residential buildings with **total primary energy use of over 250 MWh per year that are new or undergo major renovation**are equipped with building automation and control systems **by 2023**. These systems shall be capable of:1. continuously monitoring, **logging,** analysing and adjusting energy usage **to enable optimal energy performance at full load and part load conditions**;
2. benchmarking the building’s energy efficiency, detecting losses in efficiency of technical building systems, and informing the person responsible for the facilities or technical building management about opportunities for energy efficiency improvement;
3. allowing communication with connected technical building systems and other appliances inside the building, and being interoperable with technical building systems across different types of proprietary technologies, devices and manufacturers.
 | 39(EPP)40 (EPP)444 (Langen)446 (Grossetete)501 (S&D)502 (Greens)503 (Greens) 504 (ALDE)505 (EFDD) |
| 3. **As an alternative to paragraph 1** Member States may set requirements to ensure that residential buildings with centralised technical building systems of a cumulated effective rated output of over 100 kW are equipped: 1. with continuous electronic monitoring that measures systems' efficiency and inform building owners or managers when it has fallen significantly and when system servicing is necessary, and
2. with effective control functionalities to ensure optimum generation, distribution and use of energy.’;
 | 3. Member States may **require** that residential buildings with technical building systems of a cumulated effective rated output [**forspace and domestic water heating] purposes** of over **70** kW are equipped: a) with continuous electronic monitoring **functionality** that measures systems' efficiency and inform building owners or managers when it has fallen significantly and when system servicing is necessary, andb) with effective control functionalities to ensure optimum generation, distribution**, storage** and use of energy **at both full load and part load conditions including hydronic balancing**.’; | 41 (EPP)409 (Greens)512 (EPP)514 (ECR)515 (Pieper etc.)516 (Buzek)517 (ALDE)518 (Kofod)519 (Greens)520 (ALDE)521 (Grossetete etc.)522 (EFDD) |
|  | **3a. Buildings that comply with paragraph 2 or 3 shall be exempted from the requirements laid down in paragraph 1.** | 42 (EPP)514 (ECR)515 (Pieper etc.)516 (Buzek)526 (S&D) |
|  | **3b. Technical building systems explicitly covered by an agreed energy performance criterion or a contractual arrangement on an agreed level of energy efficiency improvement, such as energy performance contracting as defined in point (27) of Article 2 of Directive 2012/27/EU, or that are operated by a utility or network operator and therefore subject to performance monitoring measures on the system side, shall be exempted from the requirements laid down in paragraph 1.** | 43 (EPP)525 (S&D) |
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| **Relevant amendments:**38 – 43, 485, 486, 487, 488, 489, 489, 490, 491, 492, 493, 494, 495, 496, 497, 498, 499, 500, 501, 502, 502, 503, 504, 505, 506, 507, 508, 509, 510, 511, 512, 513, 514, 515, 516, 517, 518, 519, 520, 521, 522, 523, 524, 525, 526**To be voted separately:**- obligatory follow up to inspection - obligatory labelling of existing boilers? (~~AM523 Greens and~~ 524 Van Brempt)  |

**Art. 15 – air-conditioning systems**

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| **COM text** | **Proposed CA 25** | **Covering AMs:**  |
| paragraph 1 is replaced by the following:‘1. Member States shall lay down the necessary measures to establish a regular inspection of the accessible parts of air-conditioning systems for non-residential buildings with total primary energy use of over 250MWh and for residential buildings with a centralised technical building system of a cumulated effective rated output of over 100 kW. The inspection shall include an assessment of the air-conditioning efficiency and the sizing compared to the cooling requirements of the building. The assessment of the sizing does not have to be repeated as long as no changes were made to this air-conditioning system or as regards the cooling requirements of the building in the meantime.’; | paragraph 1 is replaced by the following:1. Member States shall lay down the necessary measures to establish a regular inspection of the accessible parts of air-conditioning **and ventilation** systems for non-residential buildings with total primary energy use of over 250MWh and for residential buildings with a technical building system **for air-conditioning and ventilation** of a cumulated effective rated output of over **12kW**. The inspection shall include an assessment of the air-conditioning **and ventilation** efficiency**, both at full load and part load condition*,*** and the sizing compared to the cooling requirements of the building. The assessment of the sizing does not have to be repeated as long as no changes were made to this air-conditioning **or ventilation** system or as regards the cooling requirements of the building in the meantime.; | 44 (EPP)528 (Greens)531 (EPP)534 (Zanonato)CA (tentatively) supported by: |
| paragraphs 2, 3, 4 and 5 are deleted and replaced by the following:‘2. **As an alternative to paragraph 1** Member States may set requirements to ensure that non-residential buildings with total primary energy use of over 250 MWh per year are equipped with building automation and control systems. These systems shall be capable of:1. continuously monitoring, analysing and adjusting energy usage;
2. benchmarking the building’s energy efficiency, detecting losses in efficiency of technical building systems, and informing the person responsible for the facilities or technical building management about opportunities for energy efficiency improvement;
3. allowing communication with connected technical building systems and other appliances inside the building, and being interoperable with technical building systems across different types of proprietary technologies, devices and manufacturers.
 | paragraphs 2, 3, 4 and 5 are deleted and replaced by the following:‘2. Member States **shall** require that non-residential buildings **with total primary energy use of over 250 MWh per year** **that are new or undergo major renovation** are equipped with building automation and control systems **by 2023**. These systems shall be capable of:1. continuously monitoring, analysing***,* logging** and adjusting energy usage **to enable optimal energy performance at full load and part load conditions**;
2. benchmarking the building’s energy efficiency, detecting losses in efficiency of technical building systems, and informing the person responsible for the facilities or technical building management about opportunities for energy efficiency improvement;
3. allowing communication with connected technical building systems and other appliances inside the building, and being interoperable with technical building systems across different types of proprietary technologies, devices and manufacturers.
 | 45 (EPP)444 (Langen)446 (Grossetete)543 (Martin etc.)544 (S&D)46 (EPP)546 (EFDD)558 (Greens) |
| 3. **As an alternative to paragraph 1** Member States may set requirements to ensure that residential buildings with centralised technical building systems of a cumulated effective rated output of over 100 kW 1. with continuous electronic monitoring that measures systems' efficiency and inform building owners or managers when it has fallen significantly and when system servicing is necessary, and
2. with effective control functionalities to ensure optimum generation, distribution and use of energy.’;
 | 3. Member States may **require** that residential buildings with technical building systems of a cumulated effective rated output **for air-conditioning or ventilation** of over **12 kW are equipped:**1. with continuous electronic monitoring **functionality** that measures systems' efficiency and inform building owners or managers when it has fallen significantly and when system servicing is necessary, and
2. with effective control functionalities to ensure optimum generation, distribution***,* storage** and use of energy **at both full and part load conditions including hydronic balancing.’;**
 | 47 (EPP)550 (EPP)558 (Greens)559 (EFDD)560 (Grossetete etc.) |
|  | **3a. Buildings that comply with paragraph 2 or 3 shall be exempted from the requirements laid down in paragraph 1.** | 48 (EPP)551 (Zanonato)552 (Toia)554 (Kofod etc.)562 (S&D) |
|  | **3b. Technical building systems explicitly covered by an agreed energy performance criterion or a contractual arrangement on an agreed level of energy efficiency improvement, such as energy performance contracting as defined in point (27) of Article 2 of Directive 2012/27/EU, or that are operated by a utility or network operator and therefore subject to performance monitoring measures on the system side, shall be exempted from the requirements laid down in paragraph 1.** | 49 (EPP)561 (S&D) |
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| **Relevant amendments:**44-49, 527, 528, 529, 530, 531, 532, 533, 534, 535, 536, 537, 538, 539, 530, 541, 542, 543, 544, 545, 546, 547, 548, 549, 550, 551, 552, 553, 554, 555, 556, 557, 558, 559, 560, 561, 562 |

1. OJ L 307, 28.10.2014, p. 1 [↑](#footnote-ref-1)