# Article 24 (1) and Annex XIV Energy Efficiency Directive 2012/27/EU

Please, fill in the green fields (the grey ones are strong reccomended, but voluntary). In case, the data based for reporting are based on national statistics, please, fill in Table B and provide definitions.

| Annual Report            |                              | 2020  |   |
|--------------------------|------------------------------|---|---|
| 7 mmaar Neport           |                              |   |   |
| Reporting year           |                              | 2018/2019   |   |
|                          |                              |   |   |
| Member State             |                              |   |   |
|                          |                              |   |   |
| 2020 target              |                              |   |   |
|                          |                              |   |   |
| Definition               |                              |   |   |
| Description              |                              |   |   |
| Target level P Value     | PEC                          | FEC   | Unit  |
| Translation              |                              |   |   |
|                          |                              |   |   |
| If your target is set as | s a reduction, please provid | de the baseline (for intensity target also for the refere Value | nce GDP level)  |
| Energy consumption       | l cai                        | value   |   |
| Energy consumption GDP   |                              |   |   |
| If your indicative targ  | get has heen modified from   | the initial value submitted in 2013 Inlease specify wh          | nen, how (increase or decrease) and reasons for modification. |
|                          | Vhen                         | How   | Reasons for modification                                      |
| PEC                      |                              |   |   |
| FEC                      |                              |   |   |
|                          |                              |   |   |
|                          |                              |   |   |
| Table A - Euro           | ostat data (not ne           | ecessary)   |   |
|                          |                              |   |   |

| ımber | Data field | AR Indicator   | Unit   | Source | SWD(2013)180, Annex A                                  | Definition of provided national statistics (including differences respect the definitions of Eurostat indicators listed above) | Last update (date of th<br>data) |
|-------|------------|--|--|--------|--|--|----------------------------------|
| B1    |            | (i) primary energy consumption                                   | ktoe   |        |  |  |                                  |
| B2    |            | (ii) total final energy consumption                              | ktoe   |        | No climate adjustment, see p. 39 SWD(2013)180, Annex A |  |                                  |
| В3    |            | (iii) final energy consumption - industry                        | ktoe   |        |  |  |                                  |
| B4    |            | (iii) final energy consumption - transport                       | ktoe   |        |  |  |                                  |
| B5    |            | final energy consumprtion in pipeline transport                  | ktoe   |        | Voluntary - See p. 39 SWD(2013)180, Annex A            |  |                                  |
| B6    |            | (iii) final energy consumption - households                      | ktoe   |        |  |  |                                  |
| B7    |            | (iii) final energy consumption - services                        | ktoe   |        |  |  |                                  |
| B8    |            | final energy consumption - agriculture                           | ktoe   |        | Voluntary  |  |                                  |
| В9    |            | final energy consumption – other sectors                         | ktoe   |        | Voluntary  |  |                                  |
| B10   |            | (iv) gross value added - industry                                | Million euro, chain-linked volumes, reference year 2015 (at 2015 exchange rates) |        |  |  |                                  |
| B11   |            | (iv) gross value added - services                                | Million euro, chain-linked volumes, reference year 2015 (at 2015 exchange rates) |        |  |  |                                  |
| B12   |            | (v) disposable income for households                             | Million euro   |        |  |  |                                  |
| B13   |            | (vi) gross domestic product (GDP)                                | Million euro, chain-linked volumes, reference year 2015 (at 2015 exchange rates) |        |  |  |                                  |
| B14   |            | (vii) gross electricity generation from thermal power generation | ktoe   |        |  |  |                                  |
| B15   |            | (viii) gross electricity generation from CHP                     | ktoe   |        |  |  |                                  |
| B16   |            | (ix) gross heat production from thermal power generation         | ktoe   |        |  |  |                                  |
| B17   |            | Waste heat produced in industrial installations                  | ktoe   |        | Voluntary - See p. 39 SWD(2013)180, Annex A            |  |                                  |
| B18   |            | (x) gross heat production from CHP                               | ktoe   |        |  |  |                                  |
| B19   |            | Waste heat recovered from industrial installations               | ktoe   |        | Voluntary - See p. 39 SWD(2013)180, Annex A            |  |                                  |
| B20   |            | (xi) Transformation input for electircity and heat generation    | ktoe   |        |  |  |                                  |
| B21   |            | (xii) passenger kilometres                                       | pkm  |        |  |  |                                  |
| B22   |            | (xiii) tonnes kilometres   | tkm  |        |  |  |                                  |
| B23   |            | (xv) population  | Persons  |        |  |  |                                  |
| B24   |            | Total number of households                                       | Households   |        | Voluntary - see p. 39 SWD(2013)180, Annex A            |  |                                  |
| B25   |            | Energy transmission and distribution losses (all fuels)          | ktoe   |        | Voluntary - see p. 39 SWD(2013)180, Annex A            |  |                                  |
| B26   |            | Heat generation from district heating plants                     | ktoe   |        | Voluntary - see p. 39 SWD(2013)180, Annex A            |  |                                  |
| B27   |            | Fuel input in district heating plants                            | ktoe   |        | Voluntary - see p. 39 SWD(2013)180, Annex A            |  |                                  |

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### Additional requirments Article 24 (1), Annex XIV, Part 1 (a) Energy Efficiency Directive

In sectors where energy consumption remains stable or is growing, Member States shall analyse the reasons for it and attach their appraisal to the estimates.

|    |                         | Main reason 1 | Main reason 2 | Main reason 3 | Please, explain 'other' reasons and provide any additional comments, supporting data or links to documents |
|----|-------------------------|---------------|---------------|---------------|--|
| 34 | Industry                | Please select | Please select | Please select |  |
| 35 | Transport               | Please select | Please select | Please select |  |
| 36 | Households              | Please select | Please select | Please select |  |
| 37 | Services                | Please select | Please select | Please select |  |
| 38 | Agriculture (voluntary) | Please select | Please select | Please select |  |

#### Additional requirments Article 24 (1), Annex XIV, Part 1 (b) Energy Efficiency Directive

Updates on major legislative and non-legislative measures implemented in the previous year which contribute towards the overall national energy efficiency targets for 2020:

|       |                              | Type of measure | Legal basis   | Type of update | Please, insert explanations or provide a link to an extra/additional document: |
|-------|------------------------------|-----------------|---------------|----------------|--|
| 39-1  |                              | Please select   | Please select | Please select  |  |
| 39-2  |                              | Please select   | Please select | Please select  |  |
| 39-3  |                              | Please select   | Please select | Please select  |  |
| 39-4  |                              | Please select   | Please select | Please select  |  |
| 39-5  | Major legislative in the     | Please select   | Please select | Please select  |  |
| 39-6  | previous year                | Please select   | Please select | Please select  |  |
| 39-7  |                              | Please select   | Please select | Please select  |  |
| 39-8  |                              | Please select   | Please select | Please select  |  |
| 39-9  |                              | Please select   | Please select | Please select  |  |
| 39-10 |                              | Please select   | Please select | Please select  |  |
| 40-1  |                              | Please select   | Please select | Please select  |  |
| 40-2  |                              | Please select   | Please select | Please select  |  |
| 40-3  |                              | Please select   | Please select | Please select  |  |
| 40-4  |                              | Please select   | Please select | Please select  |  |
| 40-5  | Major non-legislative in the | Please select   | Please select | Please select  |  |
| 40-6  | previous year                | Please select   | Please select | Please select  |  |
| 40-7  |                              | Please select   | Please select | Please select  |  |
| 40-8  |                              | Please select   | Please select | Please select  |  |
| 40-9  |                              | Please select   | Please select | Please select  |  |
| 40-10 |                              | Please select   | Please select | Please select  |  |

#### Progress on additional measures introduced or planned to reach the 2020 target (in the context of the Task Force on Mobilising Efforts to Reach the EU Energy Efficiency Targets for 2020):

| Please select Please select  |  |
|--|--|
| Thease select  |  |
| Strengthening of existing measures or new measures  Please select  Please select |  |
| Please select Please select  |  |

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## Additional requirements Article 24 (1), Annex XIV, Part 1 (c) Energy Efficiency Directive

| 41-1             | Total building floor area [m2] of the buildings with a total useful floor area over 250 m2 owned and occupied by the Member States' central government on 1 January 2020 |   |   |   |
|------------------|--|---|---|---|
| Total building f | Total building floor area [m2] of the buildings which did not meet the energy performance requirements referred to in Article 5(1) on 1 January 2020                     | he Member States' central government that, <u>on 1 January of t</u> | he year in which the report is due, did not meet the energy | performance requirements referred to in Article |

## Additional requirements Article 24 (1), Annex XIV, Part 1 (d) Energy Efficiency Directive

| 42-3  | owned and occupied by their central government due to renovation of buildings as set out in Article 5(1), expressed in primary or final energy over the time period 2014 -2019 |  | Please sum <b>new savings</b> achieved in each year (from 2014 to 2019).  |  |   |  |
|-------|--|--|---|--|---|--|
|       | Alternative approach<br>Article 5(6)   | Policy measure<br>(Please, specify the policy measure)   | Amount of energy savings [ktoe] achieved in <b>2018</b> in eligible buildings owned and occupied by their central government as referred to in Article 5(6) |  | Amount of energy savings [ktoe] achieved in the periode 2014-2017 in eligible buildings owned and occupied by their central government as referred to in Article 5(6) |  |
| 43-1  | Alternative measure 1  | <ul> <li>Purchasing more efficient light sources and appliances, such as LED bulbs and computers.</li> <li>Improvement of buildings' climate screen, eg post insulation or new windows</li> <li>New installations, eg renovation of heating system, ventilation with heat recovery, etc.</li> <li>Streamlining of energy supply, eg replacing oil furnace with heat pumps or district heating.</li> <li>Water savings through replacing toilets and fittings, etc.</li> <li>Other actions such as relocation, energy screenings and behavioral campaigns.</li> </ul> | -0,092  |  | 2014: 0.752<br>2015: -2.737<br>2016: -0.416<br>2017: -0.258   |  |
| 43-2  | Alternative measure 2  |  |   |  |   | _  |
| 43-3  | Alternative measure 3  |  |   |  |   |  |
| 43-4  | Alternative measure 4  |  |   |  |   |  |
| 43-5  | Alternative measure 5  |  |   |  |   |  |
| 43-6  | Alternative measure 6  |  |   |  |   |  |
| 43-7  | Alternative measure 7  |  |   |  |   |  |
| 43-8  | Alternative measure 8  |  |   |  |   |  |
| 43-9  | Alternative measure 9  |  |   |  |   |  |
| 43-10 | Alternative measure 10   |  |   |  |   |  |
| 43-11 |  | s [ktoe] achieved <u>in <b>2018</b></u> in eligible buildings owned and<br>overnment as referred to in Article 5(6), in primary or final<br>energy   | -0,092  | latest year  | -2.659  | Amount of energy savings [ktoe achieved in the period 2014-202 eligible buildings owned and occ by their central government as referred to in Article 5(6), in prinor final energy |
| 43-12 | central government through   | e] achieved in eligible buildings owned and occupied by their<br>the implemenation of Article 5(6) in primary or final energy<br>over the time period <u>2014 -2018</u>  | -2,751  | Please sum new savings achieved in each year (from 2014 to 2018) i.e. corresponding to 3% renovation rate. | -2,751  |  |

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## Additional requirments Article 24 (1), Annex XIV, Part 1 (e) Energy Efficiency Directive

Energy savings achieved through the national energy efficiency obligation schemes referred to in Article 7(1) or the alternative measures adopted in application of Article 7(9):

| Energy sa          | avings achieved in 2018   | Policy measure<br>(Please, specify the policy measure) | Savings achieved in 2018 [ktoe] expressed in final energy*  |   |  |  |  |
|--------------------|---|--|---|---|--|--|--|
| (savings achieve   | ed from measures and notified<br>2)c) and (d) shall not be part of<br>this table) |  | Total annual end-use savings achieved [ktoe] in 2018 (amount of savings from new actions implemented from <b>2014 to 2018</b> that delivered savings in 2018)                                       | thereof savings achieved [ktoe] in 2018 only from <a href="new">new</a> actions that were implemented in 2018 | Total <b>cummulative</b> end-use savings achieved [ktoe] from 2014 to 2018 |  |  |
| 44-1               | EEOS  |  |   |   |  |  |  |
| 44-2               | Alternative measure 1   |  |   |   |  |  |  |
| 44-3               | Alternative measure 2   |  |   |   |  |  |  |
| 44-4               | Alternative measure 3   |  |   |   |  |  |  |
| 44-5               | Alternative measure 4   |  |   |   |  |  |  |
| 44-6               | Alternative measure 5   |  |   |   |  |  |  |
| 44-7               | Alternative measure 6   |  |   |   |  |  |  |
| 44-8               | Alternative measure 7   |  |   |   |  |  |  |
| 44-9               | Alternative measure 8   |  |   |   |  |  |  |
| 44-10              | Alternative measure 9   |  |   |   |  |  |  |
| 44-11              | Alternative measure 10  |  |   |   |  |  |  |
| 44-12              | Total savings   |  |   |   |  |  |  |
| * In case of chang | es in the reported new energy savir   | ngs, total annual energy savings and cumulative energy | savings for 2014, 2015, 2016 or 2017, please provide revised figures for each   | policy measure concerned and the total  |  |  |  |
|                    | achieved in 2018 from supply<br>ccounted for under Art. 7 (2)(c)                  | Policy measure (Please, specify the policy measure)    | Total annual savings generated in 2018 [ktoe] from supply side measures (amount of savings from new actions implemented from 2014 to 2018 that delivered savings in 2018) expressed in final energy |   |  |  |  |
| 45-1               | Measure 1   |  | delivered savings in 2010) expressed in final energy  |   |  |  |  |
| 45-2               | Measure 2   |  |   |   |  |  |  |
| 45-3               | Measure 3   |  |   | <br> -  |  |  |  |
| 45-4               | Total savings   |  |   | ]   |  |  |  |
|                    |   |  |   |   |  |  |  |
|                    | achieved in 2018 from early inted for under Art. 7 (2)(d)                         | Policy measure (Please, specify the policy measure)    | Totoal amount of savings generated in 2018 [ktoe] from early actions that took place between 31/12/2008 and 31/12/2013 expressed in final energy  |   |  |  |  |
| <u></u>            |   | ,                | ,   |   |  |  |  |
| 46-1<br>46-2       | Measure 1 Measure 2   |  |   | 1   |  |  |  |
| 46-3               | Measure 3   |  |   | 1   |  |  |  |
| 46-4               | Total savings   |  |   |   |  |  |  |
|                    | ·   |  |   |   |  |  |  |

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