# Annexes

## Annex 01: Economy sector– Employment

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| **Employment by A\*10 industry breakdowns (*nama\_10\_a10\_e*)****NACE Rev. 2 - Statistical classification of economic activities** | **Complete energy balance (*nrg\_bal\_c*)** | **Breakdown used** |
| A | Agriculture, forestry, and fishing | FC\_OTH\_AF\_E | Final consumption – other sectors – agriculture and forestry | Agriculture, forestry, and fishing |
| FC\_OTH\_FISH\_E | Final consumption – other sectors – fishing |
| C | Manufacturing | FC\_IND\_FBT\_E | Final consumption – industry sector – food, beverages, and tobacco | Manufacturing industry |
| FC\_IND\_TL\_E | Final consumption – industry sector – textile and leather |
| FC\_IND\_WP\_E | Final consumption – industry sector – wood and wood products |
| FC\_IND\_PPP\_E | Final consumption – industry sector – paper, pulp, and printing |
| NRG\_PR\_E | Energy sector – petroleum refineries (oil refineries) |
| FC\_IND\_CPC\_E | Final consumption – industry sector – chemical and petrochemical |
| FC\_IND\_NMM\_E | Final consumption – industry sector – non-metallic minerals |
| FC\_IND\_IS\_E | Final consumption – industry sector – iron and steel |
| NRG\_CO\_E | Energy sector – coke ovens |
| NRG\_BF\_E | Energy sector – blast furnaces |
| FC\_IND\_NFM\_E | Final consumption – industry sector – non-ferrous metals |
| FC\_IND\_MAC\_E | Final consumption – industry sector – machinery |
| FC\_IND\_TE\_E | Final consumption – industry sector – transport equipment |
| NRG\_PF\_E | Energy sector – patent fuel plants |
| NRG\_BKBPB\_E | Energy sector – brown coal briquettes and peat briquettes plants |
| NRG\_CL\_E | Energy sector – coal liquefaction plants |
| NRG\_GTL\_E | Energy sector – gas-to-liquids plants |
| NRG\_CPP\_E | Energy sector – charcoal production plants |
| NRG\_NSP\_E | Energy sector – not elsewhere specified |
| FC\_IND\_NSP\_E | Final consumption – industry sector – not elsewhere specified |
| B-E – C =B +D +E | Industry (except construction) – Manufacturing = Mining and quarryingElectricity, gas, steam, and air conditioning supplyWater supply; sewerage, waste management and remediation activities | FC\_IND\_MQ\_E | Final consumption – industry sector – mining and quarrying | Other Industries |
| NRG\_CM\_E | Energy sector – coal mines |
| NRG\_OIL\_NG\_E | Energy sector – oil and natural gas extraction plants |
| NRG\_EHG\_E | Energy sector – electricity and heat generation |
| NRG\_GW\_E | Energy sector – gas works |
| NRG\_LNG\_E | Energy sector – liquefaction and regasification plants (LNG) |
| NRG\_BIOG\_E | Energy sector – gasification plants for biogas |
| NRG\_NI\_E | Energy sector – nuclear industry |
| Not included |
| F | Construction | FC\_IND\_CON\_E | Final consumption – industry sector – construction | Construction Industry |
| G-I | Wholesale and retail trade, transport, accommodation, and food service activities | FC\_OTH\_CP\_E | Final consumption – other sectors – commercial and public services | Commercial and public services |
| J | Information and communication |
| K | Financial and insurance activities |
| L | Real estate activities |
| M\_N | Professional, scientific, and technical activities; administrative and support service activities |
| O-Q | Public administration, defense, education, human health, and social work activities |
| R-U | Arts, entertainment, and recreation; other service activities; activities of household and extra-territorial organizations and bodies |

## Annex 02: Industry sector – value added

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| **National accounts aggregate by industry data (*nama\_10\_a64*)****NACE Rev. 2 - Statistical classification of economic activities** | **Complete energy balance (*nrg\_bal\_c*)** | **Breakdown used** |
| F | Construction | FC\_IND\_CON\_E | Final consumption – industry sector – construction | Construction |
| B | Mining and quarrying | FC\_IND\_MQ\_E | Final consumption – industry sector – mining and quarrying | Mining and quarrying |
| NRG\_CM\_E | Energy sector – coal mines |
| NRG\_OIL\_NG\_E | Energy sector – oil and natural gas extraction plants |
| C10-C12 | Manufacture of food products; beverages and tobacco products | FC\_IND\_FBT\_E | Final consumption – industry sector – food, beverages, and tobacco | Food, beverages, and tobacco |
| C13-C15 | Manufacture of textiles, wearing apparel, leather, and related products | FC\_IND\_TL\_E | Final consumption – industry sector – textile and leather | Textile and leather |
| C16 | Manufacture of wood and of products of wood and cork, except furniture; manufacture of articles of straw and plaiting materials | FC\_IND\_WP\_E | Final consumption – industry sector – wood and wood products | Wood and wood products |
| C17 | Manufacture of paper and paper products | FC\_IND\_PPP\_E | Final consumption – industry sector – paper, pulp, and printing | Paper, pulp, and printing |
| C18 | Printing and reproduction of recorded media |
| C19 | Manufacture of coke and refined petroleum products | NRG\_PR\_E | Energy sector – petroleum refineries (oil refineries) | Coke and refined petroleum products |
| C20 | Manufacture of chemicals and chemical products | FC\_IND\_CPC\_E | Final consumption – industry sector – chemical and petrochemical | Chemical and petrochemical |
| C21 | Manufacture of basic pharmaceutical products and pharmaceutical preparations |
| C22 | Manufacture of rubber and plastic products | FC\_IND\_NMM\_E | Final consumption – industry sector – non-metallic minerals | Non-metallic minerals |
| C23 | Manufacture of other non-metallic mineral products |
| C24 | Manufacture of basic metals | FC\_IND\_IS\_E | Final consumption – industry sector – iron and steel | Basic metals |
| NRG\_CO\_E | Energy sector – coke ovens |
| NRG\_BF\_E | Energy sector – blast furnaces |
| FC\_IND\_NFM\_E | Final consumption – industry sector – non-ferrous metals |
| C25 | Manufacture of fabricated metal products, except machinery and equipment | FC\_IND\_MAC\_E | Final consumption – industry sector – machinery | Machinery |
| C26 | Manufacture of computer, electronic and optical products |
| C27 | Manufacture of electrical equipment |
| C28 | Manufacture of machinery and equipment n.e.c. |
| C29 | Manufacture of motor vehicles, trailers, and semi-trailers | FC\_IND\_TE\_E | Final consumption – industry sector – transport equipment | Transport equipment |
| C30 | Manufacture of other transport equipment |
| C31\_C32 | Manufacture of furniture; other manufacturing | NRG\_PF\_E | Energy sector – patent fuel plants | Other manufacturing |
| NRG\_BKBPB\_E | Energy sector – brown coal briquettes and peat briquettes plants |
| NRG\_CL\_E | Energy sector – coal liquefaction plants |
| NRG\_GTL\_E | Energy sector – gas-to-liquids plants |
| NRG\_CPP\_E | Energy sector – charcoal production plants |
| NRG\_NSP\_E | Energy sector – not elsewhere specified |
| FC\_IND\_NSP\_E | Final consumption – industry sector – not elsewhere specified |
| C33 | Repair and installation of machinery and equipment | Not included |
| D | Electricity, gas, steam, and air conditioning supply |
| E | Water supply; sewerage, waste management and remediation activities |

## Annex 03: Residential sector - Final Uses

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| **Eurostat datasets** |
| Disaggregated final energy consumption in households (*nrg\_d\_hhq*) | FC\_OTH\_HH\_E\_SH  | Space heating |
| FC\_OTH\_HH\_E\_SC  | Space cooling |
| FC\_OTH\_HH\_E\_WH  | Water heating |
| FC\_OTH\_HH\_E\_CK  | Cooking |
| FC\_OTH\_HH\_E\_LE  | Lighting and electrical appliances |
| FC\_OTH\_HH\_E\_OE  | Other end use |
| Demographic balance and crude rates at national level (*demo\_gind*) | AVG | Average population – total |
| Average household size – EU-SILC survey (*ilc\_lvph01*) | AVG | Average |
| Cooling and Heating Degree Days by country – annual data (*nrg\_chdd\_a*) | HDD | Heating Degree Days |
| CDD | Cooling Degree Days |

## Annex 04: Transport sector mapping – Vehicle-Kilometre

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| **Eurostat transport datasets** | **Complete energy balance (*nrg\_bal\_c*)** | **Breakdown used** |
| rail\_tf\_trainmv | TOTAL | Total | FC\_TRA\_RAIL\_E | Rail | Rail |
| road\_tf\_vehmov | TOTAL | D001 | Total | Motor vehicle movements on national territory (irrespective of registration country) | FC\_TRA\_ROAD\_E | Road | Road |
| iww\_tf\_vetf | TOTAL | TOTAL | Total transport | Total loaded and empty | FC\_TRA\_DNAVI\_E | Domestic navigation | Water |
| Not available | FC\_TRA\_DAVI\_E | Domestic aviation | Not included |
| Not applicable | FC\_TRA\_PIPE\_E | Pipeline transport |
| FC\_TRA\_NSP\_E | Not elsewhere specified |