

# Dataset collection

## European Platform on Life Cycle Assessment

### Description:

The EU's knowledge base that responds to business and policy needs for social and environmental assessments of supply chains and end-of-life waste management, otherwise known as life cycle assessments. The EPLCA consists of different tools and databases including the European Life Cycle Database (ELCD); the International reference Life Cycle Data System (ILCD) Handbook, the Life Cycle Data Network (LCDN) and the LCA Resource Directory (RD) that includes a Reviewer Registry (RR) for LCI dataset reviewers.

### Datasets organisation:

ELCD datasets allows check-visualize and download the high quality Life Cycle Inventory (LCI) core data sets of the Commission (European Life Cycle Database, ELCD core database). The data are organised in subsections, namely: Processes, LCIA (life cycle impact assessment) Methods and Flows. Each dataset is characterized by name, year of release, geographical reference and classification (economic sector). LCDN hosts the Life Cycle Inventory datasets that are compliant with minimum requirements of Format and Nomenclature, according to specific guidance available through the webpage. It is composed of different nodes managed by data providers. Through the LCDN only compliant and reviewed data are findable, while through the single nodes can be found also non-reviewed data. LCA RD contains metadata information about life cycle thinking related services, tools and databases and the corresponding developers and providers. The entries have cross-references to entries in the other parts of the directory, where appropriate. It is also available a study section hosting documents and scientific papers based on different life cycle approaches. Another section is dedicated to the Reviewer Registry, and hosts information on potential data reviewers for different life cycle schemes. The documents and study section is organised by type of methodology (e.g. Life Cycle Assessment, Product Environmental Footprint, Eco Design etc.). The Service and tools section is organised by type of service (e.g. consulting, software, database, etc.), for the software and databases it is declared if the provider is developer or just supplier. The Reviewer Registry allows to choose single or team reviewers, and allows to check the eligibility basing on different life cycle schemes.

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### Landing page:

<http://eplca.jrc.ec.europa.eu/>

### Datasets:

- [Electricity Mix; AC; consumption mix, at consumer; 230-240V \(Location: GB\)](#)  
[jrc-eplca-00043bd2-4563-4d73-8df8-b84b5d8902fc]
- [Process steam from natural gas; heat plant; consumption mix, at plant; MJ \(Location: SK\)](#)  
[jrc-eplca-00174864-910e-4952-8f02-6ea3a2efa77b]
- [Electricity Mix; AC; consumption mix, at consumer; < 1kV \(Location: EU-27\)](#)  
[jrc-eplca-001b3cb7-b868-4061-8a91-3e6d7bcc90c6]
- [Process steam from Light fuel oil 90%; heat plant; consumption mix, at power plant; MJ, 90 % efficiency \(Location: EU-27\)](#) [jrc-eplca-00f9cd63-cba5-4c94-ade3-a4248a9b9dc2]
- [Polyethylene terephthalate \(PET\) granulate; production mix, at plant; amorphous \(Location: RER\)](#)  
[jrc-eplca-028b2915-00a5-4967-b356-34bce19960c3]
- [Electricity grid mix; AC; consumption mix, at consumer; 230V \(Location: FI\)](#)  
[jrc-eplca-041ec348-4b41-4caa-afe6-8e322e1faa81]
- [Electricity grid mix; AC; consumption mix, at consumer; 230V \(Location: LU\)](#)  
[jrc-eplca-05169f84-22bb-48aa-a054-6cb5317b7a97]
- [Process steam from natural gas 90%; heat plant; consumption mix, at power plant; MJ, 90 % efficiency \(Location: PT\)](#) [jrc-eplca-053bdcf5-bb2b-4ddd-8662-cbfd8c38ee97]
- [Electricity Mix; AC; consumption mix, at consumer; 1kV - 60kV \(Location: SK\)](#)  
[jrc-eplca-05c86203-18c2-4f05-9ff2-a36dd58eed76]
- [Compressed air; 7 bar, high efficiency; production mix; low power consumption \(Location: GLO\)](#)  
[jrc-eplca-06b7cba4-aa16-43ab-8031-0719079550be]

- Polyethylene high density granulate (PE-HD); production mix, at plant (Location: RER) [jrc-eplca-0704c700-2fb0-43c5-8803-bed8a6f1b968]
- Cobalt, refined (metal); hydro- and pyrometallurgical processes; production mix, at plant; >99% Co (Location: GLO) [jrc-eplca-071d5149-b91b-4f4d-b245-ad620f51e795]
- titanium Dioxide; Chloride and sulphate processes; production mix, at plant; > 80% TiO<sub>2</sub>; Chloride and sulphate processes; production mix, at plant; > 80% TiO<sub>2</sub> (Location: GLO) [jrc-eplca-07927a54-b4f1-5e6e-94ca-00006717e913]
- Process steam from natural gas 90%; heat plant; consumption mix, at power plant; MJ, 90 % efficiency (Location: HU) [jrc-eplca-07b3df94-53e8-46b7-b037-c972e1c71363]
- Process steam from Light fuel oil 90 %; heat plant; consumption mix, at power plant; MJ, 90 % efficiency (Location: GB) [jrc-eplca-08bdee5c-6e1d-41e2-b2e2-d7fa2a868add]
- Aluminium extrusion profile; primary production; production mix, at plant; aluminium semi-finished extrusion product, including primary production, transformation and recycling (Location: RER) [jrc-eplca-09215eb0-5fc9-11dd-ad8b-0800200c9a66]
- Aluminium sheet; primary production; production mix, at plant; aluminium semi-finished sheet product, including primary production, transformation and recycling (Location: RER) [jrc-eplca-09215eb1-5fc9-11dd-ad8b-0800200c9a66]
- Electricity Mix; AC; consumption mix, at consumer; 1kV - 60kV (Location: HU) [jrc-eplca-0965577d-4e1a-44d0-bcc9-6e309fec0d3c]
- Electricity Mix; AC; consumption mix, at consumer; 230V (Location: SE) [jrc-eplca-0982d3bc-3459-44f8-82d4-c0b90b3bcafc]
- Barge; technology mix; 1.228 t pay load capacity (Location: RER) [jrc-eplca-09aa1e7b-1d7d-4a7c-8dde-ec6d40022fa1]
- Steel sections (ILCD); blast furnace route / electric arc furnace route; production mix, at plant; 1 kg (Location: GLO) [jrc-eplca-09d61948-238a-40e7-8e1f-afdc0c98f902]
- Electricity Mix; AC; consumption mix, at consumer; 1kV - 60kV (Location: EU-27) [jrc-eplca-0a1b40db-5645-4db8-a887-eb09300b7b74]
- Process steam from Heavy fuel oil 90 %; heat plant; consumption mix, at power plant; MJ, 90 % efficiency (Location: SI) [jrc-eplca-0a33548a-0908-448d-bdbf-596943ad0070]
- Electricity grid mix 1kV-60kV; AC; consumption mix, at consumer; 1kV - 60kV (Location: CY) [jrc-eplca-0bd3aec8-286b-466f-868c-87917428450c]
- Electricity grid mix 1kV-60kV; AC; consumption mix, at consumer; 1kV - 60kV (Location: EE) [jrc-eplca-0c9b2e27-57fe-4e75-9058-d42b8477fa1d]
- Process steam from natural gas; heat plant; consumption mix, at plant; MJ (Location: SI) [jrc-eplca-0cbf76cc-0192-4617-acd3-0fdb3cecf6c7]
- Process steam from Light fuel oil 90 %; heat plant; consumption mix, at power plant; MJ, 90 % efficiency (Location: CH) [jrc-eplca-0d5746cd-6865-4970-8306-d3921bde6a07]
- Process steam from Heavy fuel oil 90 %; heat plant; consumption mix, at power plant; MJ, 90 % efficiency (Location: GR) [jrc-eplca-0d6065af-078a-418c-bf19-6760376f1765]
- PCC dry; Precipitated Calcium Carbonate (PCC) - dry, uncoated, with a CaCO<sub>3</sub> content of 98% or more, a median particle size ranging typically from 1 to 3 µm, ready to be shipped either in bulk or bags. Production at plant.; Production at plant; None (Location: RER) [jrc-eplca-0d703908-42f0-4669-87b5-69061d426797]
- Electricity Mix; AC; consumption mix, at consumer; 220V (Location: EE) [jrc-eplca-0d87bcf9-cbe5-4df9-8715-659f71c6e288]
- Polypropylene granulate (PP); production mix, at plant (Location: RER) [jrc-eplca-0dc3d65b-7ff8-4c92-a694-748fb28070a9]
- Process steam from light fuel oil; heat plant; consumption mix, at plant; MJ (Location: HU) [jrc-eplca-0dded263-a4ba-4a5b-8aea-2c4844cca498]
- Process steam from natural gas; heat plant; consumption mix, at plant; MJ (Location: AT) [jrc-eplca-0deb15f0-518a-11dd-ae16-0800200c9a66]
- Electricity grid mix 1kV-60kV; AC; consumption mix, at consumer; 1kV - 60kV (Location: SE) [jrc-eplca-0e1ac4e8-8ae8-4b49-ae23-9847ba1137b8]
- Process steam from light fuel oil; heat plant; consumption mix, at plant; MJ (Location: ES) [jrc-eplca-0f23ccbd-2c00-4894-ba15-da3957df2098]
- Process steam from natural gas 90%; heat plant; consumption mix, at power plant; MJ, 90 % efficiency (Location: PL) [jrc-eplca-112667bf-22f3-44fe-b1a8-99e473dfd6c6]
- Steel hot rolled coil; blast furnace route; production mix, at plant; thickness 2 to 7 mm, width 600 to 2100 mm (Location: RER) [jrc-eplca-119e8cc1-0859-45ca-8f63-93a8a518ffd2]
- Electricity Mix; AC; consumption mix, at consumer; 1kV - 60kV (Location: NL) [jrc-eplca-11ab0f24-1ecf-4842-b776-b19afc92333f]
- Copper wire; technology mix; consumption mix, at plant; cross section 1 mmy (Location: EU-15) [jrc-eplca-11bceac4-b3d8-4048-8e80-b691ecd2c261]
- Lead sheet mix; technology mix; production mix, at producer; secondary (Location: EU-27) [jrc-eplca-11f67def-dc2a-4e74-bb4f-885610a9ae9c]
- Electricity Mix; AC; consumption mix, at consumer; 1kV - 60kV (Location: MT) [jrc-eplca-122978f4-0218-4b39-aa09-42d7cb14d4c5]
- Electricity grid mix 1kV-60kV; AC; consumption mix, at consumer; 1kV - 60kV (Location: CZ) [jrc-eplca-122b5032-1ece-45b3-bfce-69e49a819e22]
- Polyvinylchloride resin (S-PVC); suspension polymerisation; production mix, at plant (Location: RER) [jrc-eplca-129b8f8d-7667-41bc-91f4-421bfcdcf8c3]
- Process steam from Heavy fuel oil 90 %; heat plant; consumption mix, at power plant; MJ, 90 % efficiency (Location: DE) [jrc-eplca-12a29842-81fb-4694-ac26-64020ff0ae7b]
- Copper sheet; technology mix; market mix, at plant; 0,6 mm thickness; Hot and Cold Rolling based on melting and casting a mix of Copper cathode and Copper scrap; Technology and Market Mix for Sheet fabrication representing main European production countries, Market Mix for Copper cathode in Europe (primary and secondary Cu cathode production in Europe as well as Cu cathode import into Europe); 1000 kg Copper sheet (Location: EU-25) [jrc-eplca-1323a7e6-7841-47db-8da1-06355432a908]

- Process steam from Light fuel oil 90 %; heat plant; consumption mix, at power plant; MJ, 90 % efficiency (Location: AT) [jrc-epica-13587de8-fda4-4637-9568-6634ed1b24c4]
- Lead primary and secondary mix; technology mix; production mix, at producer; primary 46% / secondary 54% (Location: EU-27) [jrc-epica-137f2286-e426-4231-b65d-e65503fa6e5c]
- Process steam from natural gas 90%; heat plant; consumption mix, at power plant; MJ, 90 % efficiency (Location: GR) [jrc-epica-14565ba0-86fb-4779-99a9-bbf4d6dc4bfe]
- Copper sheet; technology mix; consumption mix, at plant; 0,6 mm thickness (Location: EU-15) [jrc-epica-14712dc3-ca9f-4032-aed2-2e5f449c13cb]
- Waste incineration of plastics (Nylon 6, Nylon 66, PAN); average European waste-to-energy plant, without collection, transport and pre-treatment; at plant (Location: EU-27) [jrc-epica-14d74618-44f7-40d7-8b35-4364e23c76bb]
- GCC dry; Ground Calcium Carbonate (GCC) - dry, uncoated, with a CaCO<sub>3</sub> content of 98% or more, a median particle size ranging typically from 2.5 to 5 µm, ready to be shipped in bulk. Production at plant.; Production at plant; None (Location: RER) [jrc-epica-14db2998-ff19-45e6-9951-f5bd9ae8c149]
- Electricity Mix; AC; consumption mix, at consumer; 220V (Location: SI) [jrc-epica-155a3c36-6185-4a54-bea8-87bcad672f78]
- Electricity Mix; AC; consumption mix, at consumer; 220V (Location: PL) [jrc-epica-1598ea72-ae02-42fc-ae87-7dbe90df17ce]
- Process steam from light fuel oil; heat plant; consumption mix, at plant; MJ (Location: FR) [jrc-epica-15a3957d-ce14-404a-b1f6-792a71eede0]
- Barge; technology mix; 1.228 t pay load capacity (Location: GLO) [jrc-epica-16f7c5d9-e19e-4185-85df-da289bc67f79]
- Process steam from light fuel oil; heat plant; consumption mix, at plant; MJ (Location: DE) [jrc-epica-1709667f-24d8-4eb9-a361-a0c85ac65d85]
- Chitosan; from deacetylation of chitin from shrimp shells, average quality; at plant (Location: IN) [jrc-epica-1871f895-6320-3da6-b1aa-27072c8494a0]
- Process steam from Heavy fuel oil 90 %; heat plant; consumption mix, at power plant; MJ, 90 % efficiency (Location: EE) [jrc-epica-1917c9a8-fd01-44b5-9b42-4f7b51f57f55]
- Waste water treatment; domestic waste water according to the Directive 91/271/EEC concerning urban waste water treatment; at waste water treatment plant (Location: EU-27) [jrc-epica-19728650-4cf4-11dd-ae16-0800200c9a66]
- Plane; technology mix, cargo; 68 t payload (Location: GLO) [jrc-epica-1a7da06d-e8b7-4ff1-920c-209e9009dbe0]
- Process steam from heavy fuel oil; heat plant; consumption mix, at plant; MJ (Location: RO) [jrc-epica-1cf05b65-43c2-493c-9629-0ab468bc6bf4]
- Process steam from light fuel oil; heat plant; consumption mix, at plant; MJ (Location: BE) [jrc-epica-1d18b022-468b-45af-8b99-9fb095a33cc0]
- Process steam from light fuel oil; heat plant; consumption mix, at plant; MJ (Location: PT) [jrc-epica-1d9ec850-ef1f-498c-9208-acf0a7f02379]
- Electricity Mix; AC; consumption mix, at consumer; 230V (Location: NO) [jrc-epica-1e17b418-defe-4d75-87ec-9c0d8a398859]
- Diesel mix at refinery; from crude oil and bio components, fuel supply; production mix, at refinery; 10 ppm sulphur, 5.75 wt.% bio components (Location: EU-27) [jrc-epica-1ea201ab-eec9-4356-93d8-3a4905ea35cd]
- Process steam from light fuel oil; heat plant; consumption mix, at plant; MJ (Location: IE) [jrc-epica-1eb2b423-53be-4937-95be-8b4a69b6b9ad]
- Process steam from natural gas 90%; heat plant; consumption mix, at power plant; MJ, 90 % efficiency (Location: BG) [jrc-epica-1f0bc2c2-8adc-42f1-9f75-5ffc27ff3f2b]
- Process steam from Heavy fuel oil 90 %; heat plant; consumption mix, at power plant; MJ, 90 % efficiency (Location: CZ) [jrc-epica-1f6fcd79-bf76-4f57-95ac-b70b31167ef5]
- Process steam from Light fuel oil 90 %; heat plant; consumption mix, at power plant; MJ, 90 % efficiency (Location: CZ) [jrc-epica-21e40d38-6739-4fc0-811f-09b2962e88bd]
- Electricity Mix; AC; consumption mix, at consumer; 125-220V (Location: IT) [jrc-epica-22b890c0-bd7b-47e4-b3a0-d4010c084cf5]
- Process steam from natural gas 90%; heat plant; consumption mix, at power plant; MJ, 90 % efficiency (Location: AT) [jrc-epica-24442808-d201-4341-8bfa-f917072a0b9d]
- Diesel; from crude oil; consumption mix, at refinery; 200 ppm sulphur (Location: EU-15) [jrc-epica-244524ed-7b85-4548-b345-f58dc5cf9dac]
- Photocatalytic paint production; Milling and mixing of sand and photocatalytic cement, transports, packaging; Production mix at plant, Southern Italy; 1 kg, photocatalytic paint (Location: IT) [jrc-epica-2547e532-1060-498a-bb5a-b21c8cd9dc08]
- Process steam from Heavy fuel oil 90 %; heat plant; consumption mix, at power plant; MJ, 90 % efficiency (Location: NO) [jrc-epica-2551a016-b83e-4e61-9110-8f59e8f02cc7]
- Electricity grid mix; AC; consumption mix, at consumer; 230V (Location: SE) [jrc-epica-25b4f06b-38fa-4b67-b127-ff91027393ae]
- Electricity Mix; AC; consumption mix, at consumer; 240V (Location: CY) [jrc-epica-25d4e2b2-18a7-442f-9d15-40bfc9f4cb2]
- Steel rebar; blast furnace and electric arc furnace route; production mix, at plant (Location: GLO) [jrc-epica-268a11fb-baf2-4b9e-8867-38bea0e76ef6]
- Process steam from natural gas; heat plant; consumption mix, at plant; MJ (Location: RO) [jrc-epica-278579f1-8f98-423c-adcc-70e0d780d827]
- Electricity grid mix 1kV-60kV; AC; consumption mix, at consumer; 1kV - 60kV (Location: IT) [jrc-epica-27cc76aa-c695-4632-a1d7-0d2d23001a0e]
- Plane; technology mix, cargo; 68 t payload (Location: RER) [jrc-epica-28b6ad2c-e13e-4322-a443-771a7e7d16a2]
- Process steam from light fuel oil; heat plant; consumption mix, at plant; MJ (Location: FI) [jrc-epica-2a5cb618-62d7-4b8a-a2eb-78c91e1362d2]

- Gypsum plaster (CaSO<sub>4</sub> beta hemihydrates); technology mix of natural gypsum (45%) and gypsum from flue gas desulphurisation (55%); production mix, at plant; grinded and purified product (Location: DE)  
[jrc-eplca-2abe6224-3a58-4804-b6de-c1f249d0621a]
- Process steam from natural gas; heat plant; consumption mix, at plant; MJ (Location: PT)  
[jrc-eplca-2b47bfb2-1d7d-4cb7-9abe-f535d4cc72b0]
- Spruce wood; timber; production mix, at saw mill; 40% water content (Location: DE)  
[jrc-eplca-2b61a4d6-bd1d-4ea3-828c-fdbdf5fca1f9]
- Electricity Mix; AC; consumption mix, at consumer; 1kV - 60kV (Location: IE)  
[jrc-eplca-2b66a2ac-f96a-4e91-b187-a45b537cfc96]
- Bentonite granular, sodium activated; 1000 kg of bentonite sodium activated granular with a particle size ranging from 0.5 to 5 mm and a moisture content ranging between 8 and 13%, stored in silo, ready to be shipped in bulk.; Production at plant; none (Location: RER)  
[jrc-eplca-2b78d6f1-2d78-4781-9701-3d34e00f2762]
- Excavator; technology mix; 500 kW, Mining (Location: GLO)  
[jrc-eplca-2dbe076f-4a31-4348-a36a-bedf27f56715]
- Process steam from light fuel oil; heat plant; consumption mix, at plant; MJ (Location: NO)  
[jrc-eplca-2e88e74a-4f7c-42f0-ba85-bfa4233f47f1]
- Process steam from natural gas 90%; heat plant; consumption mix, at power plant; MJ, 90 % efficiency (Location: RO) [jrc-eplca-2eba79fc-6cac-4e60-bf55-7740b2cdcfe0]
- Process steam from Heavy fuel oil 90 %; heat plant; consumption mix, at power plant; MJ, 90 % efficiency (Location: AT) [jrc-eplca-31010a02-56e5-419a-9706-4025c9a81bf2]
- Process steam from heavy fuel oil; heat plant; consumption mix, at plant; MJ (Location: DE)  
[jrc-eplca-3175e00f-a6d5-46a1-a939-c46ba99343bc]
- Process steam from Heavy fuel oil 90 %; heat plant; consumption mix, at power plant; MJ, 90 % efficiency (Location: LT) [jrc-eplca-31e37ee3-2c8b-4680-906d-6f2f4488d827]
- Process steam from Light fuel oil 90 %; heat plant; consumption mix, at power plant; MJ, 90 % efficiency (Location: DE) [jrc-eplca-32a54433-1c03-46ae-91be-78c914feb806]
- Steel hot dip galvanized (ILCD); blast furnace route; production mix, at plant; 1kg, typical thickness between 0.3 - 3 mm. typical width between 600 - 2100 mm. (Location: GLO)  
[jrc-eplca-339b2536-c881-409d-ac71-49ab0d228fe3]
- Naphtha; from crude oil; consumption mix, at refinery (Location: EU-15)  
[jrc-eplca-34613a4c-0e48-41b9-aa04-94c6f25e235a]
- Electricity Mix; AC; consumption mix, at consumer; 1kV - 60kV (Location: UCTE)  
[jrc-eplca-356ce2fc-0df1-469a-9c15-9646b2c1ec2a]
- Process steam from Heavy fuel oil 90 %; heat plant; consumption mix, at power plant; MJ, 90 % efficiency (Location: FR) [jrc-eplca-36409607-ae77-4a89-80d4-949da359cf93]
- Process steam from heavy fuel oil; heat plant; consumption mix, at plant; MJ (Location: BG)  
[jrc-eplca-36fa5c52-1ada-418d-845f-629c9429552d]
- Polyvinylchloride resin (B-PVC); bulk polymerisation; production mix, at plant (Location: RER)  
[jrc-eplca-376c6e88-10e2-4acb-b676-6349cd260f3b]
- Electricity Mix; AC; consumption mix, at consumer; 230V (Location: BE)  
[jrc-eplca-383a1240-40c5-483a-bfae-1dbe2cd63f92]
- Process steam from light fuel oil; heat plant; consumption mix, at plant; MJ (Location: LT)  
[jrc-eplca-3858c45e-699a-4671-9819-3a8e9fa297b9]
- Compressed air; 7 bar, low efficiency; production mix; high power consumption (Location: GLO)  
[jrc-eplca-3945fc44-1180-4c6d-bc18-2a37e1a85f80]
- Compressed air; 7 bar, high efficiency; production mix, at plant; low power consumption (Location: EU-27)  
[jrc-eplca-398d9810-46a2-11dd-ae16-0800200c9a66]
- Compressed air; 10 bar, high efficiency; production mix, at plant; low power consumption (Location: EU-27)  
[jrc-eplca-398d9811-46a2-11dd-ae16-0800200c9a66]
- Compressed air; 14 bar, high efficiency; production mix, at plant; low power consumption (Location: EU-27)  
[jrc-eplca-398d9812-46a2-11dd-ae16-0800200c9a66]
- Compressed air; 7 bar, low efficiency; production mix, at plant; high power consumption (Location: EU-27)  
[jrc-eplca-398d9813-46a2-11dd-ae16-0800200c9a66]
- Compressed air; 10 bar, low efficiency; production mix, at plant; high power consumption (Location: EU-27)  
[jrc-eplca-398d9814-46a2-11dd-ae16-0800200c9a66]
- Compressed air; 14 bar, low efficiency; production mix, at plant; high power consumption (Location: EU-27)  
[jrc-eplca-398d9815-46a2-11dd-ae16-0800200c9a66]
- Waste incineration of wood products (OSB, particle board); average European waste-to-energy plant, without collection, transport and pre-treatment; at plant (Location: EU-27)  
[jrc-eplca-39f61d7a-9cea-4e61-b292-50ad6ee05ccc]
- Electricity grid mix; AC; consumption mix, at consumer; 230V (Location: LV)  
[jrc-eplca-3bb72bf4-9357-40c5-a65a-7a9d6d924bad]
- Waste incineration of biodegradable waste fraction in municipal solid waste (MSW); average European waste-to-energy plant, without collection, transport and pre-treatment; at plant (Location: EU-27)  
[jrc-eplca-3c0a1214-f4b2-4254-8fca-1d9e6ee9839f]
- Electricity Mix; AC; consumption mix, at consumer; 1kV - 60kV (Location: DK)  
[jrc-eplca-3d077a81-6925-4696-ba03-d711acb24a7c]
- Natural Gas; from onshore and offshore production incl. pipeline and LNG transport; consumption mix, at consumer; desulphurised (Location: EU-27) [jrc-eplca-3d602e55-aaa2-44e3-adb9-40f49eb1a915]
- Process steam from natural gas; heat plant; consumption mix, at plant; MJ (Location: PL)  
[jrc-eplca-3e8cad2f-a78b-47f5-a741-5b82b97f7a3e]
- Corrugated board boxes; technology mix; production mix, at plant; 16,6 % primary fibre, 83,4 % recycled fibre (Location: EU-25) [jrc-eplca-3fc467e6-280d-4de0-a426-a036b6a30c99]
- Waste incineration of plastics (Nylon 6 GF 30, Nylon 66 GF 30); average European waste-to-energy plant, without collection, transport and pre-treatment; at plant (Location: EU-27)  
[jrc-eplca-400af2ce-8ec3-45a7-b700-8fbc50b16346]

- Process steam from light fuel oil; heat plant; consumption mix, at plant; MJ (Location: NL) [jrc-eplca-40557971-68aa-4100-996b-ce090cdce5ad]
- Particle board; P5 (V100); production mix, at plant; 7,8% water content (Location: EU-27) [jrc-eplca-407d8151-839c-46a9-9bd3-c0d2bf8570ea]
- Mining Truck; technology mix; 220 t payload, 1.700 kW (Location: RER) [jrc-eplca-40d64e6d-a823-471e-b759-339027c0a4f7]
- Process steam from natural gas; heat plant; consumption mix, at plant; MJ (Location: NO) [jrc-eplca-41ef4f48-2a2e-485e-8680-c12dedb89c97]
- Process steam from heavy fuel oil; heat plant; consumption mix, at plant; MJ (Location: EU-27) [jrc-eplca-423014a0-6cd1-47f7-ba78-d1a2d626265c]
- Electricity Mix; AC; consumption mix, at consumer; 220V (Location: LV) [jrc-eplca-4276d3c9-7b96-4dd7-893c-63e6eb801167]
- Electricity grid mix; AC; consumption mix, at consumer; 230V (Location: IT) [jrc-eplca-451b20fe-d6e9-4a9a-8ece-69b30b790b13]
- Polybutadiene granulate (PB); production mix, at plant (Location: RER) [jrc-eplca-4575c944-457d-4825-82ff-17528d28b3ac]
- Ethene (Ethylene); from steam cracking; production mix, at plant; gaseous (Location: EU-27) [jrc-eplca-45e41797-e9a1-4ee9-af29-75ae71d1943f]
- Electricity grid mix 1kV-60kV; AC; consumption mix, at consumer; 1kV - 60kV (Location: LU) [jrc-eplca-461064b5-a622-4b6f-b11d-331a6c7ee56f]
- Polyethylene low density granulate (PE-LD); production mix, at plant (Location: RER) [jrc-eplca-46c09193-ab51-43ae-957f-e6383b67e73d]
- Process steam from natural gas 90 %; heat plant; consumption mix, at power plant; MJ, 90 % efficiency (Location: NO) [jrc-eplca-46cfb376-9c9e-451f-91d3-7ce14d60c508]
- Waste incineration of plastics (unspecified) fraction in municipal solid waste (MSW); average European waste-to-energy plant, without collection, transport and pre-treatment; at plant (Location: EU-27) [jrc-eplca-46d6bd5b-16e1-459c-a018-340f33ed2f72]
- Electricity grid mix; AC; consumption mix, at consumer; 230V (Location: BE) [jrc-eplca-46d98b14-f729-4b2b-a91e-915835e15292]
- Electricity grid mix 1kV-60kV; AC; consumption mix, at consumer; 1kV - 60kV (Location: SK) [jrc-eplca-474b5ca8-862d-4781-b196-027a0af4e1ea]
- Electricity grid mix; AC; consumption mix, at consumer; 230V (Location: MT) [jrc-eplca-47e713e0-916c-4a8d-b60c-33846509c9e0]
- Electricity grid mix; AC; consumption mix, at consumer; 230V (Location: DE) [jrc-eplca-4883d4ff-3fe8-4d11-a049-e7057551f647]
- Electricity Mix; AC; consumption mix, at consumer; 230V (Location: DE) [jrc-eplca-48ab6f40-203b-4895-8742-9bdbef55e494]
- Process steam from natural gas 90 %; heat plant; consumption mix, at power plant; MJ, 90 % efficiency (Location: BE) [jrc-eplca-48b4bfd8-b8d2-4a9f-b605-618e1fbdd041]
- Electricity Mix; AC; consumption mix, at consumer; 230V (Location: FI) [jrc-eplca-48e2653b-8ca0-4eb7-97e5-721b0508f514]
- Electricity Mix; AC; consumption mix, at consumer; 220V (Location: IE) [jrc-eplca-493e9446-ad0f-437c-a7f8-fa11b3f315ca]
- Electricity Mix; AC; consumption mix, at consumer; 1kV - 60kV (Location: CY) [jrc-eplca-49ee616a-8dad-4c26-bb50-abd04adeedb6]
- Kaolin coarse filler; Production; at plant (Location: EU-27) [jrc-eplca-4a1ebe7c-6835-4a22-8b2e-3201f1cd32e8]
- Nitrogen; via cryogenic air separation; production mix, at plant; gaseous (Location: EU-27) [jrc-eplca-4a259aec-c66f-4375-aa9e-5b8c745addc0]
- Process steam from Heavy fuel oil 90 %; heat plant; consumption mix, at power plant; MJ, 90 % efficiency (Location: NL) [jrc-eplca-4b380f00-cfe7-4a5d-bbfd-59bafa67ecf0]
- Electricity Mix; AC; consumption mix, at consumer; 1kV - 60kV (Location: LV) [jrc-eplca-4bc5e589-2ac4-488c-b2d5-fc9f745ca504]
- Process steam from Light fuel oil 90 %; heat plant; consumption mix, at power plant; MJ, 90 % efficiency (Location: NO) [jrc-eplca-4cc9c5be-f2ef-47ac-a823-8c51c552269d]
- Process steam from natural gas; heat plant; consumption mix, at plant; MJ (Location: NL) [jrc-eplca-4cffadc4-e2a2-4d34-9087-e54a2cfa4bd0]
- Process steam from Heavy fuel oil 90%; heat plant; consumption mix, at power plant; MJ, 90 % efficiency (Location: EU-27) [jrc-eplca-4e06ca2f-0a8d-42c9-8d50-cf3582372f5b]
- Waste incineration of municipal solid waste (MSW); average European waste-to-energy plant, without collection, transport and pre-treatment; at plant (Location: EU-27) [jrc-eplca-4f035020-4599-424d-8f48-627b35dd1a7f]
- Heavy fuel oil; from crude oil; consumption mix, at refinery (Location: EU-15) [jrc-eplca-50462b0d-7d2b-40d4-843e-9857061e3c08]
- Copper tube; technology mix; market mix, at plant; diameter 15 mm, 1 mm thickness; Extrusion and Drawing based on melting and casting a mix of Copper cathode and Copper scrap; Technology and Market Mix for Tube fabrication representing main European production countries, Market Mix for Copper cathode in Europe (primary and secondary Cu cathode production in Europe as well as Cu cathode import into Europe); 1000 kg Copper tube (Location: EU-25) [jrc-eplca-5098e9f2-e2f1-44e9-ac4e-62a8864ae2b6]
- Graphic Paper; technology mix; production mix, at plant; 79% primary fibre, 21% recycled fibre (Location: EU-25) [jrc-eplca-50e97735-1e19-4788-8525-e39de50cd804]
- Electricity grid mix; AC; consumption mix, at consumer; 230V (Location: NO) [jrc-eplca-519483d0-1f36-48aa-a0d1-65c052055b02]
- Electricity grid mix; AC; consumption mix, at consumer; 230V (Location: CH) [jrc-eplca-51c6c54a-b0aa-4a40-8dd4-fd381cf28c62]
- Electricity grid mix 1kV-60kV; AC; consumption mix, at consumer; 1kV - 60kV (Location: GB) [jrc-eplca-51f4fcad-9830-4345-9413-c7e06721885e]

- Light fuel oil at refinery; from crude oil, fuel supply; production mix, at refinery; 0.1 wt.% sulphur (Location: EU-27) [jrc-eplca-5214312b-3726-4af4-b804-2b1556b94d54]
- Process steam from heavy fuel oil; heat plant; consumption mix, at plant; MJ (Location: DK) [jrc-eplca-52d8c821-a37a-43df-9356-1118105bc396]
- Process steam from Heavy fuel oil 90 %; heat plant; consumption mix, at power plant; MJ, 90 % efficiency (Location: CY) [jrc-eplca-530e4c8d-ee58-4de2-9a92-fb86b471d676]
- procarton 2009 ELCD FUall Alu wood - process waste System -agr land (Location: EU-27) [jrc-eplca-54025657-ca8e-1cd4-3330-0000339bcc6d]
- Process steam from natural gas 90 %; heat plant; consumption mix, at power plant; MJ, 90 % efficiency (Location: DK) [jrc-eplca-56afe055-64dd-4cc8-927a-519245b1d5a8]
- Compressed air; 14 bar, high efficiency; production mix; low power consumption (Location: GLO) [jrc-eplca-56b6349e-3c06-47d3-ae0e-24e357659f93]
- Electricity grid mix 1kV-60kV; AC; consumption mix, at consumer; 1kV - 60kV (Location: GR) [jrc-eplca-56bb1f6d-e3d1-4a51-a491-7b444d8868c1]
- Process steam from light fuel oil; heat plant; consumption mix, at plant; MJ (Location: RO) [jrc-eplca-57430805-e82d-4aad-8d4a-25dcef7936f9]
- Kerosene / Jet A1 at refinery; from crude oil, fuel supply; production mix, at refinery; 480 ppm sulphur (Location: EU-27) [jrc-eplca-57c9a203-78bf-4051-ae19-6d9f9eed6fa6]
- Process steam from heavy fuel oil; heat plant; consumption mix, at plant; MJ (Location: GR) [jrc-eplca-587f2512-22e3-4f9c-9c1d-24e823c6f82e]
- Electricity grid mix; AC; consumption mix, at consumer; 230V (Location: CY) [jrc-eplca-58f31cbd-ddc8-49ef-bae4-32ec8334984b]
- Process steam from light fuel oil; heat plant; consumption mix, at plant; MJ (Location: LV) [jrc-eplca-5aa1f305-8d35-45bf-8a00-b44506f1fd38]
- Gypsum stone (CaSO<sub>4</sub>-dihydrate); underground and open pit mining; production mix, at plant; grinded and purified product (Location: DE) [jrc-eplca-5adbdf6-401f-4dfa-a3ec-1699064adb34]
- Electricity Mix; AC; consumption mix, at consumer; 1kV - 60kV (Location: PL) [jrc-eplca-5b0b8cd1-d964-4273-bd13-896190ec41cf]
- Compressed air; 10 bar, low efficiency; production mix; high power consumption (Location: GLO) [jrc-eplca-5c8e669a-68c6-48e3-88b4-bdaa8979cee9]
- Electricity grid mix 1kV-60kV; AC; consumption mix, at consumer; 1kV - 60kV (Location: NL) [jrc-eplca-5d040fa9-596c-4a94-b6ba-35b59e330699]
- Process steam from natural gas; heat plant; consumption mix, at plant; MJ (Location: LV) [jrc-eplca-5d604c45-a693-4b9a-9455-0e626575964d]
- Process steam from natural gas; heat plant; consumption mix, at plant; MJ (Location: LU) [jrc-eplca-5ea6beb4-dc87-4a4e-b502-0a61317c661d]
- Electricity Mix; AC; consumption mix, at consumer; 230V (Location: BG) [jrc-eplca-5ee552e7-487b-43df-84ec-de7dd7ea704b]
- Gasoline (regular); from crude oil; consumption mix, at refinery; 100 ppm sulphur (Location: EU-15) [jrc-eplca-5f62ed77-85d0-4c99-8d2c-be56951d8fb3]
- Process steam from natural gas 90 %; heat plant; consumption mix, at power plant; MJ, 90 % efficiency (Location: CH) [jrc-eplca-5ffd4c0b-2873-47b6-8abb-dd42bfd90ea5]
- Portland cement (CEM I); CEMBUREAU technology mix, EN 197-1; CEMBUREAU production mix, at plant (Location: RER) [jrc-eplca-600573dd-dfa5-44e5-b458-8727e793ffd7]
- Calcium carbonate > 63 microns; Production; at plant (Location: EU-27) [jrc-eplca-6006d87e-ccee-42b1-b203-f67c7c0bad97]
- Process steam from Light fuel oil 90 %; heat plant; consumption mix, at power plant; MJ, 90 % efficiency (Location: BG) [jrc-eplca-60637492-73e3-466f-bb58-4d032a82aeb9]
- Waste incineration of glass/inert material; average European waste-to-energy plant, without collection, transport and pre-treatment; at plant (Location: EU-27) [jrc-eplca-60815257-bdaa-495a-a8da-163c5ed2439d]
- Beverage carton converting; Converting; converting mix, at plant; beverage carton (Location: EU-27) [jrc-eplca-6118e7c9-98ce-46f9-a3df-95cc3f8f8b2e]
- Process steam from Light fuel oil 90 %; heat plant; consumption mix, at power plant; MJ, 90 % efficiency (Location: IE) [jrc-eplca-6179c18b-197e-483a-924a-b34f70bbb01e]
- Pine wood; timber; production mix, at saw mill; 40% water content (Location: DE) [jrc-eplca-621e64d0-f471-4023-9ebc-a52cd8ee573f]
- Process steam from Heavy fuel oil 90 %; heat plant; consumption mix, at power plant; MJ, 90 % efficiency (Location: DK) [jrc-eplca-636440aa-c194-48bc-92fa-035b995d2daa]
- Landfill of plastic waste; landfill including landfill gas utilisation and leachate treatment and without collection, transport and pre-treatment; at landfill site (Location: EU-27) [jrc-eplca-64197300-3307-11dd-bd11-0800200c9a66]
- Landfill of ferro metals; landfill including leachate treatment and without collection, transport and pre-treatment; at landfill site (Location: EU-27) [jrc-eplca-64197301-3307-11dd-bd11-0800200c9a66]
- Landfill of untreated wood; landfill including landfill gas utilisation and leachate treatment and without collection, transport and pre-treatment; at landfill site (Location: EU-27) [jrc-eplca-64197302-3307-11dd-bd11-0800200c9a66]
- Landfill of wood products (OSB, particle board); landfill including landfill gas utilisation and leachate treatment and without collection, transport and pre-treatment; at landfill site (Location: EU-27) [jrc-eplca-64197303-3307-11dd-bd11-0800200c9a66]
- Landfill of glass/inert waste; landfill including leachate treatment and without collection, transport and pre-treatment; at landfill site (Location: EU-27) [jrc-eplca-64197304-3307-11dd-bd11-0800200c9a66]
- Process steam from natural gas; heat plant; consumption mix, at plant; MJ (Location: LT) [jrc-eplca-64a67216-dbc6-4c3b-9246-f2123d92e439]
- Continuous filament glass fibre (direct rovings); The main end-use of CFGF products is the reinforcement of thermosetting and thermoplastic resins.; at plant (Location: RER) [jrc-eplca-64e40a9d-87ff-4aa4-b35f-66662a522224]

- Process steam from natural gas; heat plant; consumption mix, at plant; MJ (Location: IT) [jrc-eplca-65c89403-5e54-46e5-9152-a8b00b100537]
- Electricity grid mix; AC; consumption mix, at consumer; 220V (Location: IS) [jrc-eplca-66f41d27-8e4f-40f8-bb3c-6be91f3856c5]
- Polymethyl methacrylate (PMMA) beads; production mix, at plant (Location: RER) [jrc-eplca-67116372-6605-4c48-a973-e0445b81dd29]
- Process steam from natural gas; heat plant; consumption mix, at plant; MJ (Location: IE) [jrc-eplca-674dec3e-9b5f-4a15-9d61-d0fdb44d01d3]
- Process steam from natural gas; heat plant; consumption mix, at plant; MJ (Location: HU) [jrc-eplca-68839bdf-50e2-40dc-a6ec-ce26b770d294]
- Electricity grid mix; AC; consumption mix, at consumer; 230V (Location: PT) [jrc-eplca-69b8cf2e-e834-49be-8ed3-69a38f5e8154]
- Process steam from Heavy fuel oil 90 %; heat plant; consumption mix, at power plant; MJ, 90 % efficiency (Location: IT) [jrc-eplca-6ada8308-f4ee-4def-b432-eaac27c205d9]
- Mining Truck; technology mix; 220 t payload, 1.700 kW (Location: GLO) [jrc-eplca-6b0d5bef-6e69-4b8c-98e2-31a67fe890bc]
- Electricity grid mix; AC; consumption mix, at consumer; 230V (Location: DK) [jrc-eplca-6b588e76-99dc-4c9a-aed7-a86bdb912d51]
- Compressed air; 14 bar, low efficiency; production mix; high power consumption (Location: GLO) [jrc-eplca-6c7106ba-1039-42f7-a116-28cd4aa0664e]
- Electricity Mix; AC; consumption mix, at consumer; 1kV - 60kV (Location: FI) [jrc-eplca-6dd69400-9e1d-4376-a6f3-260877acd194]
- Process steam from heavy fuel oil; heat plant; consumption mix, at plant; MJ (Location: LV) [jrc-eplca-6e806596-477a-43c1-8716-0967937344ba]
- Polystyrene (general purpose) granulate (GPPS); production mix, at plant; crystal form is pure polystyrene with few additives, used when clarity is required even though it is very brittle (Location: RER) [jrc-eplca-6ed5e0f8-3914-4533-9beb-c93222bdb2cb]
- Container ship ocean; technology mix; 27.500 dwt pay load capacity (Location: GLO) [jrc-eplca-6efc3814-2cf9-4d18-894f-c869c3505341]
- Process steam from Light fuel oil 90 %; heat plant; consumption mix, at power plant; MJ, 90 % efficiency (Location: DK) [jrc-eplca-6f6ad2b8-ef12-46a9-9aaa-41a09cdc87f8]
- Electricity Mix; AC; consumption mix, at consumer; 1kV - 60kV (Location: FR) [jrc-eplca-6f918155-8d6f-4d95-aaaa-eba7f2be25e2]
- Process steam from natural gas; heat plant; consumption mix, at plant; MJ (Location: GR) [jrc-eplca-6fa573e3-1df3-4f48-b4f3-20f3c51d7098]
- Kerosene; from crude oil; consumption mix, at refinery; 700 ppm sulphur (Location: EU-15) [jrc-eplca-701f8775-bd15-4b91-b3d0-43e7ee04044a]
- Process steam from heavy fuel oil; heat plant; consumption mix, at plant; MJ (Location: CY) [jrc-eplca-702f452f-5936-4f27-bf39-f9af8923fbe6]
- Electricity grid mix; AC; consumption mix, at consumer; 230V (Location: GR) [jrc-eplca-7082a8ea-3655-4dcc-b40f-1c1d6f29d6b8]
- Process steam from natural gas 90 %; heat plant; consumption mix, at power plant; MJ, 90 % efficiency (Location: FI) [jrc-eplca-709d5b4a-d428-4d77-a345-d2f1a7cbcea0]
- Electricity grid mix; AC; consumption mix, at consumer; 230V (Location: SK) [jrc-eplca-7292f4ed-bb80-4d39-972d-971324b54dbb]
- corrugated Board ELCD dataset 2009 S; technology mix; production mix, at plant; 18% primary fibre, 82 % recycled fibre (Location: EU-27) [jrc-eplca-7311da1a-673f-96b5-66ef-00004409928e]
- Process steam from natural gas 90 %; heat plant; consumption mix, at power plant; MJ, 90 % efficiency (Location: NL) [jrc-eplca-735b28f9-593c-4ee2-a284-d9ac6a53798e]
- Nylon 66 granulate (PA 66); production mix, at plant (Location: RER) [jrc-eplca-744e255f-3b81-4eed-b2d3-7794353e0efb]
- Landfill of municipal solid waste; landfill including landfill gas utilisation and leachate treatment, without collection, transport and pre-treatment; BE, DK technology mix, at landfill site (Location: EU-27) [jrc-eplca-76cda430-429d-11dd-ae16-0800200c9a66]
- Acrylonitrile-Butadiene-Styrene granulate (ABS); production mix, at plant (Location: RER) [jrc-eplca-76d6aaa4-37e2-40b2-994c-03292b600074]
- Electricity grid mix; AC; consumption mix, at consumer; 230V (Location: IE) [jrc-eplca-77189b3a-c5d6-41da-982a-aa992d29031f]
- Waste incineration of paper fraction in municipal solid waste (MSW); average European waste-to-energy plant, without collection, transport and pre-treatment; at plant (Location: EU-27) [jrc-eplca-77b31dcd-5acd-47bf-8b6e-d9eadfd8b136]
- Process steam from Light fuel oil 90 %; heat plant; consumption mix, at power plant; MJ, 90 % efficiency (Location: PL) [jrc-eplca-77db0ef8-11a4-44eb-ba7f-88484cc61693]
- Electricity Mix; AC; consumption mix, at consumer; 240V (Location: MT) [jrc-eplca-792c15e6-551f-4917-8975-77ad962d0e3f]
- Electricity Mix; AC; consumption mix, at consumer; 220V (Location: GR) [jrc-eplca-792de09a-4a8f-4e97-9305-a5da187411e6]
- Process steam from Light fuel oil 90 %; heat plant; consumption mix, at power plant; MJ, 90 % efficiency (Location: CY) [jrc-eplca-7a0faa75-e7f1-4333-bf27-f49d629a2553]
- Rail transport; technology mix, electricity driven, cargo (Location: GLO) [jrc-eplca-7a78c7a6-c1d3-4909-9c98-f878eacee41b]
- Process steam from natural gas; heat plant; consumption mix, at plant; MJ (Location: GB) [jrc-eplca-7bb738bb-0976-4d80-9ec9-cce59b3b04da]
- Container ship ocean; technology mix; 27.500 dwt pay load capacity (Location: RER) [jrc-eplca-7d4c6dee-3d6b-4fbf-a496-2354450a1a14]
- Liquid Packaging Board (LPB) production; production; production mix, at plant; mineral coated LPB (n=4), basis weight: 266 g/m2 (Location: EU-27) [jrc-eplca-7d580a76-d2a4-46fe-a3a3-c6c8ed585382]

- Steel hot dip galvanized, including recycling; blast furnace route; production mix, at plant; 1kg, typical thickness between 0.3 - 3 mm. typical width between 600 - 2100 mm. (Location: GLO) [jrc-eplca-7dcb51ef-2d85-481c-b943-3b148d9f6500]
- Electricity grid mix 1kV-60kV; AC; consumption mix, at consumer; 1kV - 60kV (Location: DE) [jrc-eplca-7e00d0fc-473a-4c90-89e5-0a586010bf31]
- Waste incineration of textile fraction in municipal solid waste (MSW); average European waste-to-energy plant, without collection, transport and pre-treatment; at plant (Location: EU-27) [jrc-eplca-7e2bfb23-9f75-4976-af0a-1dfef7fb3ec3]
- Natural Gas Mix; technology mix; consumption mix, at consumer; onshore and offshore production incl. pipeline and LNG transport (Location: EU-27) [jrc-eplca-7eb4828f-3191-4a18-ae67-313c2052bea8]
- Process steam from Heavy fuel oil 90 %; heat plant; consumption mix, at power plant; MJ, 90 % efficiency (Location: BG) [jrc-eplca-7f1a5baf-5be0-4581-beb9-e8786ed49cb3]
- Electricity Mix; AC; consumption mix, at consumer; 1kV - 60kV (Location: CH) [jrc-eplca-7f1de1fe-d47c-4ab8-bfa8-cdb5018ed1f2]
- Electricity Mix; AC; consumption mix, at consumer; 1kV - 60kV (Location: RO) [jrc-eplca-7f44a654-6903-49b8-b155-67f229248cac]
- Copper wire; technology mix; market mix, at plant; cross section 1 mm; Extrusion and Drawing based on melting and casting a mix of Copper cathode and Copper scrap; Technology and Market Mix for Wire fabrication representing main European production countries, Market Mix for Copper cathode in Europe (primary and secondary Cu cathode production in Europe as well as Cu cathode import into Europe); 1000 kg Copper wire (Location: EU-25) [jrc-eplca-819e60d3-2652-47de-9f0b-d3bf8a4e0ea9]
- Process steam from Light fuel oil 90 %; heat plant; consumption mix, at power plant; MJ, 90 % efficiency (Location: GR) [jrc-eplca-8206f1af-4e92-463e-ab31-cf6c7739e2de]
- Electricity Mix; AC; consumption mix, at consumer; < 1kV (Location: UCTE) [jrc-eplca-83c1f02c-f2ef-4ac4-9a57-ac2172c38d15]
- Electricity grid mix 1kV-60kV; AC; consumption mix, at consumer; 1kV - 60kV (Location: EU-27) [jrc-eplca-83d4634c-b70f-4bb3-8552-1cca6f6359b4]
- Polyethylene terephthalate (PET) granulate; production mix, at plant; bottle grade (Location: RER) [jrc-eplca-84854d79-77da-4794-9d2a-f108f7e91741]
- Process steam from Heavy fuel oil 90 %; heat plant; consumption mix, at power plant; MJ, 90 % efficiency (Location: PT) [jrc-eplca-84b9422e-ad0b-4047-a9ef-e441022542af]
- Sodium chloride (NaCl, dissolved); production mix for PVC production, at plant (Location: RER) [jrc-eplca-84d5e0e5-cc4b-49ff-a9c4-dc5c2b06351d]
- Process steam from heavy fuel oil; heat plant; consumption mix, at plant; MJ (Location: BE) [jrc-eplca-84ea1afa-4d04-4c83-8d7e-4fcc82e5f356]
- Waste incineration of ferro metals; average European waste-to-energy plant, without collection, transport and pre-treatment; at plant (Location: EU-27) [jrc-eplca-870ed176-3e13-4baa-8488-bbc3c9579ec5]
- Process steam from Heavy fuel oil 90 %; heat plant; consumption mix, at power plant; MJ, 90 % efficiency (Location: HU) [jrc-eplca-8842dd51-2603-4192-99d3-d734a1967dc8]
- Electricity Mix; AC; consumption mix, at consumer; 1kV - 60kV (Location: GR) [jrc-eplca-88f51b8a-3e69-4213-9f65-760723f2ca40]
- Pre-cast concrete; minimum reinforcement; production mix, at plant; concrete type C20/25, without consideration of casings (Location: RER) [jrc-eplca-898618b0-3306-11dd-bd11-0800200c9a66]
- Sand 0/2; wet and dry quarry; production mix, at plant; undried (Location: RER) [jrc-eplca-898618b1-3306-11dd-bd11-0800200c9a66]
- Gravel 2/32; wet and dry quarry; production mix, at plant; undried (Location: RER) [jrc-eplca-898618b2-3306-11dd-bd11-0800200c9a66]
- Crushed stone 16/32; open pit mining; production mix, at plant; undried (Location: RER) [jrc-eplca-898618b3-3306-11dd-bd11-0800200c9a66]
- Aerated concrete block; mix of P2 04 and P4 05; production mix, at plant; average density 433 kg/m<sup>3</sup> (Location: RER) [jrc-eplca-898618b5-3306-11dd-bd11-0800200c9a66]
- Lightweight concrete block; expanded clay as base material; production mix, at plant (Location: RER) [jrc-eplca-898618b6-3306-11dd-bd11-0800200c9a66]
- Calcium silicate; blocks and elements; production mix, at plant; density 1400 to 2000 kg/m<sup>3</sup> (Location: RER) [jrc-eplca-898618b7-3306-11dd-bd11-0800200c9a66]
- Glass wool; fleece; production mix, at plant; density between 10 to 100 kg/m<sup>3</sup> (Location: RER) [jrc-eplca-898618b8-3306-11dd-bd11-0800200c9a66]
- Rock wool; fleece; production mix, at plant; density between 30 to 180 kg/m<sup>3</sup> (Location: RER) [jrc-eplca-898618b9-3306-11dd-bd11-0800200c9a66]
- Waste incineration of municipal solid waste (MSW); average European waste-to-energy plant, without collection, transport and pre-treatment; at plant (Location: EU-27) [jrc-eplca-898618ba-3306-11dd-bd11-0800200c9a66]
- Waste incineration of paper fraction in municipal solid waste (MSW); average European waste-to-energy plant, without collection, transport and pre-treatment; at plant (Location: EU-27) [jrc-eplca-898618bb-3306-11dd-bd11-0800200c9a66]
- Waste incineration of biodegradable waste fraction in municipal solid waste (MSW); average European waste-to-energy plant, without collection, transport and pre-treatment; at plant (Location: EU-27) [jrc-eplca-898618bc-3306-11dd-bd11-0800200c9a66]
- Waste incineration of textile fraction in municipal solid waste (MSW); average European waste-to-energy plant, without collection, transport and pre-treatment; at plant (Location: EU-27) [jrc-eplca-89863fc0-3306-11dd-bd11-0800200c9a66]
- Waste incineration of plastics (unspecified) fraction in municipal solid waste (MSW); average European waste-to-energy plant, without collection, transport and pre-treatment; at plant (Location: EU-27) [jrc-eplca-89863fc1-3306-11dd-bd11-0800200c9a66]
- Waste incineration of plastics (PE, PP, PS, PB); average European waste-to-energy plant, without collection, transport and pre-treatment; at plant (Location: EU-27) [jrc-eplca-89863fc2-3306-11dd-bd11-0800200c9a66]



- Waste incineration of plastics (PET, PMMA, PC); average European waste-to-energy plant, without collection, transport and pre-treatment; at plant (Location: EU-27) [jrc-eplca-89863fc3-3306-11dd-bd11-0800200c9a66]
- Waste incineration of plastics (Nylon 6, Nylon 66, PAN); average European waste-to-energy plant, without collection, transport and pre-treatment; at plant (Location: EU-27) [jrc-eplca-89863fc4-3306-11dd-bd11-0800200c9a66]
- Waste incineration of plastics (Nylon 6 GF 30, Nylon 66 GF 30); average European waste-to-energy plant, without collection, transport and pre-treatment; at plant (Location: EU-27) [jrc-eplca-89863fc5-3306-11dd-bd11-0800200c9a66]
- Waste incineration of plastics (rigid PVC); average European waste-to-energy plant, without collection, transport and pre-treatment; at plant (Location: EU-27) [jrc-eplca-89863fc6-3306-11dd-bd11-0800200c9a66]
- Waste incineration of ferro metals; average European waste-to-energy plant, without collection, transport and pre-treatment; at plant (Location: EU-27) [jrc-eplca-89863fc7-3306-11dd-bd11-0800200c9a66]
- Waste incineration of glass/inert material; average European waste-to-energy plant, without collection, transport and pre-treatment; at plant (Location: EU-27) [jrc-eplca-89863fc8-3306-11dd-bd11-0800200c9a66]
- Waste incineration of untreated wood (10,7% water content); average European waste-to-energy plant, without collection, transport and pre-treatment; at plant (Location: EU-27) [jrc-eplca-89863fc9-3306-11dd-bd11-0800200c9a66]
- Waste incineration of wood products (OSB, particle board); average European waste-to-energy plant, without collection, transport and pre-treatment; at plant (Location: EU-27) [jrc-eplca-89863fca-3306-11dd-bd11-0800200c9a66]
- Landfill of municipal solid waste; landfill including landfill gas utilisation and leachate treatment, without collection, transport and pre-treatment; AT, DE, IT, LU, NL, SE, CH technology mix, at landfill site (Location: EU-27) [jrc-eplca-89863fcb-3306-11dd-bd11-0800200c9a66]
- Landfill of municipal solid waste; landfill including landfill gas utilisation and leachate treatment, without collection, transport and pre-treatment; ES, GR, PT technology mix, at landfill site (Location: EU-27) [jrc-eplca-89863fcc-3306-11dd-bd11-0800200c9a66]
- Landfill of municipal solid waste; landfill including landfill gas utilisation and leachate treatment, without collection, transport and pre-treatment; FR, GB, IE, FI, NO technology mix, at landfill site (Location: EU-27) [jrc-eplca-89863fcd-3306-11dd-bd11-0800200c9a66]
- Landfill of paper waste; landfill including landfill gas utilisation and leachate treatment and without collection, transport and pre-treatment; at landfill site (Location: EU-27) [jrc-eplca-89863fce-3306-11dd-bd11-0800200c9a66]
- Landfill of biodegradable waste; landfill including landfill gas utilisation and leachate treatment and without collection, transport and pre-treatment; at landfill site (Location: EU-27) [jrc-eplca-89863fcf-3306-11dd-bd11-0800200c9a66]
- Landfill of textiles; landfill including landfill gas utilisation and leachate treatment and without collection, transport and pre-treatment; at landfill site (Location: EU-27) [jrc-eplca-89863fd0-3306-11dd-bd11-0800200c9a66]
- Process steam from heavy fuel oil; heat plant; consumption mix, at plant; MJ (Location: FI) [jrc-eplca-8aaaae512-4eee-43be-b0ca-48589ca0b4fa]
- Process steam from heavy fuel oil; heat plant; consumption mix, at plant; MJ (Location: NL) [jrc-eplca-8af3c6cb-51bd-436b-8f49-2d8223cb3089]
- Electricity grid mix 1kV-60kV; AC; consumption mix, at consumer; 1kV - 60kV (Location: PL) [jrc-eplca-8afa7a0b-e347-4de6-be55-5924ff61c03d]
- Gypsum plaster (CaSO4 alpha hemihydrates); via calcination of calcium sulphate dihydrate; production mix, at plant; grinded and purified product (Location: DE) [jrc-eplca-8b190559-3845-4ba8-a9a6-77ca998b38b1]
- Process steam from heavy fuel oil; heat plant; consumption mix, at plant; MJ (Location: LT) [jrc-eplca-8be5a4bb-2a5d-41a7-88e0-700a2424e906]
- Process steam from light fuel oil; heat plant; consumption mix, at plant; MJ (Location: EU-27) [jrc-eplca-8d84ad61-928c-4be3-92b3-82e57da1ee51]
- Process steam from Heavy fuel oil 90 %; heat plant; consumption mix, at power plant; MJ, 90 % efficiency (Location: RO) [jrc-eplca-8e353488-37db-4973-b2bd-857338193063]
- Electricity grid mix; AC; consumption mix, at consumer; 230V (Location: LT) [jrc-eplca-8f3cf12d-1b4f-468e-ab0e-f1a35412b199]
- Process steam from Heavy fuel oil 90 %; heat plant; consumption mix, at power plant; MJ, 90 % efficiency (Location: GB) [jrc-eplca-8f9131e5-909b-4481-8b28-703056976a71]
- Pine log with bark; reforested managed forest; production mix entry to saw mill, at plant; 44% water content (Location: DE) [jrc-eplca-8fd15266-4930-4a33-b9c2-e8698923132d]
- Process steam from natural gas 90 %; heat plant; consumption mix, at power plant; MJ, 90 % efficiency (Location: IT) [jrc-eplca-90568196-9e1b-4eb4-8033-068c9351adea]
- Electricity grid mix 1kV-60kV; AC; consumption mix, at consumer; 1kV - 60kV (Location: FR) [jrc-eplca-905c6c3a-2a45-4568-ab2f-95fe1c7b4526]
- Process steam from Heavy fuel oil 90 %; heat plant; consumption mix, at power plant; MJ, 90 % efficiency (Location: FI) [jrc-eplca-90681af1-335d-4b2c-8a18-446f79a35b25]
- Light fuel oil; from crude oil; consumption mix, at refinery; 2000 ppm sulphur (Location: EU-15) [jrc-eplca-909c9a65-3b16-4923-9c91-fe585ca9d194]
- Electricity grid mix 1kV-60kV; AC; consumption mix, at consumer; 1kV - 60kV (Location: RO) [jrc-eplca-90d398a8-7869-4dd0-8248-8e92129feea4]
- Process steam from natural gas 90%; heat plant; consumption mix, at power plant; MJ, 90 % efficiency (Location: EU-27) [jrc-eplca-90fd9728-e56b-4a82-b631-7d32572036f9]
- Process Steam from Light fuel oil 90 %; heat plant; consumption mix, at power plant; MJ, 90 % efficiency (Location: SE) [jrc-eplca-915e5c5e-8e4b-4990-bee9-038293fd9d60]
- Electricity grid mix 1kV-60kV; AC; consumption mix, at consumer; 1kV - 60kV (Location: CH) [jrc-eplca-91923998-4b7d-4822-b68e-2c11939ce912]
- Process steam from heavy fuel oil; heat plant; consumption mix, at plant; MJ (Location: IT) [jrc-eplca-933a1490-7356-40c7-bcfb-800c6c4dcb79]

- Chlorine; production mix for PVC production, at plant (Location: RER)  
[jrc-epca-945256f7-e041-46c8-b3bb-0d447d4b398b]
- Process steam from light fuel oil; heat plant; consumption mix, at plant; MJ (Location: CZ)  
[jrc-epca-952ccd7f-dc94-4f84-b2cf-007ef682f3f6]
- Hydrated Lime EU 2007; Production at plant (Location: RER)  
[jrc-epca-956fc38e-f90b-4cea-ae6a-06f090976d4e]
- Electricity from wind power; AC; production mix, at power plant; <1kV (Location: RER)  
[jrc-epca-961e7883-e692-4560-917f-a6a690a3fb6f]
- Waste incineration of plastics (rigid PVC); average European waste-to-energy plant, without collection, transport and pre-treatment; at plant (Location: EU-27) [jrc-epca-962fee73-e692-4ae2-812d-ffac7edce7ba]
- Electricity grid mix 1kV-60kV; AC; consumption mix, at consumer; 1kV - 60kV (Location: ES)  
[jrc-epca-964c0681-d96b-4acb-ba0b-645c00968e84]
- Electricity grid mix 1kV-60kV; AC; consumption mix, at consumer; 1kV - 60kV (Location: PT)  
[jrc-epca-9810b455-d6be-49a7-9370-3c5d247a0e0f]
- Process steam from heavy fuel oil; heat plant; consumption mix, at plant; MJ (Location: EE)  
[jrc-epca-98289d8c-cbfb-438a-978a-598b1357e0f4]
- Process steam from natural gas; heat plant; consumption mix, at plant; MJ (Location: FR)  
[jrc-epca-986c3234-9ed9-46c3-9b71-abe9f10c77a6]
- Process steam from natural gas 90 %; heat plant; consumption mix, at power plant; MJ, 90 % efficiency (Location: LU) [jrc-epca-98a55c0e-2196-4fae-8e8e-283696169beb]
- Electricity from hydroelectric power plants; AC; production mix, at power plant; < 1kV (Location: RER)  
[jrc-epca-99aa831c-4c28-438f-a87a-82382f5ef5df]
- Chitosan; from deacetylation of chitin from crab shells, high quality; at plant (Location: DE)  
[jrc-epca-9a0ac82a-075f-3ffd-8c84-c7ce607acb39]
- Process steam from Light fuel oil 90 %; heat plant; consumption mix, at power plant; MJ, 90 % efficiency (Location: NL) [jrc-epca-9a97696f-2ad0-4f29-8adc-774f42a91056]
- Steel sections, including recycling; blast furnace route / electric arc furnace route; production mix, at plant; 1kg (Location: GLO) [jrc-epca-9c0c2f04-fd6a-4d3c-950c-f9dead3639fe]
- Waste incineration of plastics (PET, PMMA, PC); average European waste-to-energy plant, without collection, transport and pre-treatment; at plant (Location: EU-27) [jrc-epca-9c0cf135-02aa-46a1-ae22-dfa2683c9bd8]
- Electricity Mix; AC; consumption mix, at consumer; 1kV - 60kV (Location: LT)  
[jrc-epca-9c9dd298-4ea5-422e-a6d0-73cd868252ba]
- Rail transport; technology mix, electricity driven, cargo (Location: RER)  
[jrc-epca-9d66aabb-906f-45f6-b3f3-6d002cae096d]
- Process steam from Light fuel oil 90 %; heat plant; consumption mix, at power plant; MJ, 90 % efficiency (Location: SI) [jrc-epca-9e5c4940-78b7-48ed-904e-a2482d0c1ffe]
- Excavator; technology mix; 100 kW, Construction (Location: GLO)  
[jrc-epca-9e6d3b0e-cb47-4df3-969b-f23a75a0ae42]
- Electricity grid mix 1kV-60kV; AC; consumption mix, at consumer; 1kV - 60kV (Location: DK)  
[jrc-epca-9ef365e3-abb5-4ce5-a36e-96b521ceae2]
- Process steam from Light fuel oil 90 %; heat plant; consumption mix, at power plant; MJ, 90 % efficiency (Location: FI) [jrc-epca-9fd568ff-c202-4bf5-b341-4f327829ad15]
- Process steam from natural gas; heat plant; consumption mix, at plant; MJ (Location: FI)  
[jrc-epca-a0e9cd53-883f-403b-91bf-37ed9861f6e5]
- Electricity Mix; AC; consumption mix, at consumer; 1kV - 60kV (Location: DE)  
[jrc-epca-a1388758-0402-40c4-976b-6a805c8e46e0]
- Copper tube; technology mix; consumption mix, at plant; diameter 15 mm, 1 mm thickness (Location: EU-15)  
[jrc-epca-a1baa4f2-50d3-44a1-b806-465c3d9ef1a7]
- Electricity from hydro power; AC; production mix, at power plant; 230V (Location: RER)  
[jrc-epca-a23ee124-6076-47c7-b8c3-808fab198c08]
- Bentonite powder, sodium activated; 1000 kg of bentonite sodium activated powder with particle sizes below 74 µm and a moisture content ranging between 8 and 12%, stored in silo, ready to be shipped in bulk.; Production at plant; None (Location: RER) [jrc-epca-a2eaa86a-57cd-4f78-9e5a-9bc44458f6b0]
- Process steam from light fuel oil; heat plant; consumption mix, at plant; MJ (Location: PL)  
[jrc-epca-a383f642-4951-4307-b412-f4bca15f1058]
- Electricity grid mix 1kV-60kV; AC; consumption mix, at consumer; 1kV - 60kV (Location: HU)  
[jrc-epca-a4545093-a3a1-4363-837f-1e196d53cbdd]
- Nylon 6 glass filled (PA 6 GF); production mix, at plant (Location: RER)  
[jrc-epca-a494f691-2070-4796-b002-474878345dce]
- Process steam from natural gas; heat plant; consumption mix, at plant; MJ (Location: ES)  
[jrc-epca-a5864d27-3ac8-4843-9726-86ce78d9934d]
- Process steam from Light fuel oil 90 %; heat plant; consumption mix, at power plant; MJ, 90 % efficiency (Location: ES) [jrc-epca-a725becd-b2a9-4b0a-a88f-d6ab1a5e4659]
- Steel tinplate without EoL recycling (collection year 2012/2013); blast furnace route; European, production mix, at plant; 1kg, typical thickness between 0.13 - 0.49 mm. typical width between 600 - 1100 mm. (Location: RER) [jrc-epca-a83ee9ac-e392-4ef8-b046-8d88c23a4187]
- Process steam from natural gas; heat plant; consumption mix, at plant; MJ (Location: EE)  
[jrc-epca-a86dd154-849e-41c0-b117-8f7e3dd57a6e]
- Aerated concrete block; type P4 05 reinforced; production mix, at plant; average density 485 kg/m3 (Location: RER) [jrc-epca-a8b2c610-429d-11dd-ae16-0800200c9a66]
- Electricity Mix; AC; consumption mix, at consumer; 1kV - 60kV (Location: SI)  
[jrc-epca-a8db2e01-c0c5-4ad4-bd4d-55496ce0a60a]
- Electricity Mix; AC; consumption mix, at consumer; 1kV - 60kV (Location: BG)  
[jrc-epca-a8f340cd-22fb-4466-ba73-ce7adf046a91]
- Compressed air; 10 bar, high efficiency; production mix; low power consumption (Location: GLO)  
[jrc-epca-abde7f80-2c33-48e2-8a66-4084c7dd0384]

- Process steam from natural gas; heat plant; consumption mix, at plant; MJ (Location: DK)  
[jrc-eplca-ac96ecc2-0be5-4176-a985-fe2c77a10090]
- Process steam from Light fuel oil 90 %; heat plant; consumption mix, at power plant; MJ, 90 % efficiency (Location: IT) [jrc-eplca-aca0b443-7e0e-4f0e-9d1e-6af6da884a36]
- Electricity Mix; AC; consumption mix, at consumer; 1kV - 60kV (Location: LU)  
[jrc-eplca-acb2802d-9569-429e-a80a-3a3023806923]
- Polycarbonate granulate (PC); production mix, at plant (Location: RER)  
[jrc-eplca-acf81ba2-1ebb-4150-9b26-06d8e2c6be10]
- Electricity grid mix; AC; consumption mix, at consumer; 230V (Location: GB)  
[jrc-eplca-add1fa15-cb5f-4ce8-99d3-69ee463553e0]
- Process steam from natural gas; heat plant; consumption mix, at plant; MJ (Location: DE)  
[jrc-eplca-ae4d0105-cbf1-4284-9b70-d898bd84a28e]
- High impact polystyrene granulate (HIPS); production mix, at plant (Location: RER)  
[jrc-eplca-aed8d428-25bc-4b69-8722-d3e26975dc5b]
- Electricity grid mix; AC; consumption mix, at consumer; 230V (Location: EE)  
[jrc-eplca-af9ff0aa-465e-4ccd-9973-39bb3ae17be2]
- Steel hot rolled coil, including recycling; blast furnace route; production mix, at plant; 1kg, typical thickness between 2 - 7 mm. typical width between 600 - 2100 mm (Location: GLO)  
[jrc-eplca-b0b413a1-2a7d-4cb5-a108-bfd7b37502e4]
- Process steam from natural gas; heat plant; consumption mix, at plant; MJ (Location: CZ)  
[jrc-eplca-b230247d-6929-460c-a209-e41f8a072518]
- Electricity Mix; AC; consumption mix, at consumer; 220V (Location: CZ)  
[jrc-eplca-b255d9fc-82ea-4f5c-acf2-30e13df2c86a]
- Process steam from natural gas 90%; heat plant; consumption mix, at power plant; MJ, 90 % efficiency (Location: IE) [jrc-eplca-b365c16e-d919-4d54-ac04-ae9563e45b9]
- Process steam from Heavy fuel oil 90 %; heat plant; consumption mix, at power plant; MJ, 90 % efficiency (Location: IE) [jrc-eplca-b41e0880-1264-47a1-ae64-c2363a51a27f]
- Process steam from natural gas; heat plant; consumption mix, at plant; MJ (Location: CH)  
[jrc-eplca-b4404340-352a-46c1-a52e-ad6b40ee742a]
- Articulated lorry transport; Euro 0, 1, 2, 3, 4 mix; 40 t total weight, 27 t max payload (Location: RER)  
[jrc-eplca-b444f4d0-3393-11dd-bd11-0800200c9a66]
- Articulated lorry transport; Euro 0, 1, 2, 3, 4 mix; 40 t total weight, 27 t max payload (Location: RER)  
[jrc-eplca-b444f4d1-3393-11dd-bd11-0800200c9a66]
- Lorry transport; Euro 0, 1, 2, 3, 4 mix; 22 t total weight, 17,3 t max payload (Location: RER)  
[jrc-eplca-b444f4d2-3393-11dd-bd11-0800200c9a66]
- Lorry transport; Euro 0, 1, 2, 3, 4 mix; 22 t total weight, 17,3t max payload (Location: RER)  
[jrc-eplca-b444f4d3-3393-11dd-bd11-0800200c9a66]
- Small lorry transport; Euro 0, 1, 2, 3, 4 mix; 7,5 t total weight, 3,3 t max payload (Location: RER)  
[jrc-eplca-b444f4d4-3393-11dd-bd11-0800200c9a66]
- Small lorry transport; Euro 0, 1, 2, 3, 4 mix; 7,5 t total weight, 3,3 t max payload (Location: RER)  
[jrc-eplca-b4451be0-3393-11dd-bd11-0800200c9a66]
- Process steam from light fuel oil; heat plant; consumption mix, at plant; MJ (Location: GB)  
[jrc-eplca-b501b6bf-07c4-4d87-8857-dae693f3f02d]
- Process steam from natural gas; heat plant; consumption mix, at plant; MJ (Location: BG)  
[jrc-eplca-b55fb775-82ac-4947-ad48-a342d1d8cd45]
- Electricity Mix; AC; consumption mix, at consumer; 1kV - 60kV (Location: SE)  
[jrc-eplca-b5a4b8f5-7105-49d5-a36e-799bf629a650]
- Electricity grid mix 1kV-60kV; AC; consumption mix, at consumer; 1kV - 60kV (Location: LT)  
[jrc-eplca-b65edef6-c33e-46dd-a953-6a18bbf88b32]
- Electricity Mix; AC; consumption mix, at consumer; 1kV - 60kV (Location: IS)  
[jrc-eplca-b69dff2a-16cb-4eb0-beeb-bdca20b60f00]
- Electricity grid mix; AC; consumption mix, at consumer; 230V (Location: PL)  
[jrc-eplca-b7021ebb-cd48-42ee-9efe-7312f539ec63]
- Very fine milled silica sand d50 = 20 micrometer; Production; at plant; median diameter of silica sand grains is 20 micrometers (Location: EU-27) [jrc-eplca-b81d1e8f-5a19-483a-8077-4799839ecf26]
- Process steam from natural gas; heat plant; consumption mix, at plant; MJ (Location: BE)  
[jrc-eplca-b82b7e54-9f94-4dee-b25e-54cccc0a4103]
- Process steam from Light fuel oil 90 %; heat plant; consumption mix, at power plant; MJ, 90 % efficiency (Location: SK) [jrc-eplca-b8419600-7e7c-410d-b176-52f306b7d36d]
- Electricity grid mix; AC; consumption mix, at consumer; 230V (Location: SI)  
[jrc-eplca-b862569c-55d7-41f5-a0e1-e15f58e7687d]
- Electricity Mix; AC; consumption mix, at consumer; 1kV - 60kV (Location: PT)  
[jrc-eplca-b9562ec9-10cb-410a-a23c-146178662d30]
- Process steam from light fuel oil; heat plant; consumption mix, at plant; MJ (Location: AT)  
[jrc-eplca-b9e06fed-daec-4f13-b4de-b1ac1c886356]
- Process steam from light fuel oil; heat plant; consumption mix, at plant; MJ (Location: BG)  
[jrc-eplca-ba5f4f8f-24ca-4dcd-aad2-5644f4e008ea]
- Electricity Mix; AC; consumption mix, at consumer; 230V (Location: NL)  
[jrc-eplca-ba65b4f5-b979-4609-81ff-d0e16d8d2e59]
- Process steam from heavy fuel oil; heat plant; consumption mix, at plant; MJ (Location: IE)  
[jrc-eplca-ba7570a7-7a45-44d1-8949-6e4dc2568292]
- Process steam from light fuel oil; heat plant; consumption mix, at plant; MJ (Location: SE)  
[jrc-eplca-bab6dd4e-a2ea-4fd9-a585-e8edafcb42e1]
- Process steam from heavy fuel oil; heat plant; consumption mix, at plant; MJ (Location: GB)  
[jrc-eplca-bae2cad8-0a3e-4de8-b767-070ad53d2364]
- Electricity grid mix; AC; consumption mix, at consumer; < 1kV (Location: EU-27)  
[jrc-eplca-bb0a26d2-f6a6-4965-8653-2f18ec553bfe]

- Process steam from heavy fuel oil; heat plant; consumption mix, at plant; MJ (Location: SI)  
[jrc-eplca-bb6aa18a-9acf-4e0a-957c-6d7b8350a6f3]
- Quicklime CaO 2007 EU; Quicklime with a free CaO content ranging between 89.5% and 95.5%; Production at plant (Location: RER) [jrc-eplca-bc0527c9-0075-4aa5-a770-6716cfe1d1b2]
- Process steam from Light fuel oil 90 %; heat plant; consumption mix, at power plant; MJ, 90 % efficiency (Location: BE) [jrc-eplca-bcd16941-3da5-452d-8dab-f5890570243a]
- Particle board; P2 (Standard FPY); production mix, at plant; 7,8% water content (Location: EU-27) [jrc-eplca-bd7fdac9-40d5-4613-9374-6969803269d9]
- Electricity Mix; AC; consumption mix, at consumer; 1kV - 60kV (Location: GB)  
[jrc-eplca-bf65c4c5-175d-47ac-bcd2-27f418f3c4f4]
- GCC slurry; Ground Calcium Carbonate (GCC) - slurry, unbleached and uncoated, with a solid content of 75% in the slurry, a CaCO<sub>3</sub> content of 98% or more, a median particle size ranging typically from 1 to 3 µm, ready to be shipped as slurry with a biocide content enabling a transportation or a storage during maximum 48h. Production at plant; Production at plant; None (Location: RER)  
[jrc-eplca-c220ef06-50b6-4037-b6b2-7562d01ea9e3]
- Spruce log with bark; refostered managed forest; production mix entry to saw mill, at plant; 44% water content (Location: DE) [jrc-eplca-c3d872b0-c18d-46a5-ac37-d1573246bfce]
- Electricity Mix; AC; consumption mix, at consumer; 220V (Location: HU)  
[jrc-eplca-c3dc3f1f-3641-4bfd-a04a-8e8432fc730e]
- Electricity grid mix 1kV-60kV; AC; consumption mix, at consumer; 1kV - 60kV (Location: NO)  
[jrc-eplca-c4656800-3f33-485b-a29c-6dac4d5c9072]
- Electricity Mix; AC; consumption mix, at consumer; 230V (Location: DK)  
[jrc-eplca-c51b3a74-4a67-483b-be83-b6d6b8d21061]
- Process steam from natural gas 90%; heat plant; consumption mix, at power plant; MJ, 90 % efficiency (Location: CZ) [jrc-eplca-c56e3664-9338-4c84-a766-87201b92fd3e]
- Process steam from heavy fuel oil; heat plant; consumption mix, at plant; MJ (Location: CZ)  
[jrc-eplca-c6372760-cc1d-42c6-b139-77bcb6492236]
- Process steam from natural gas 90%; heat plant; consumption mix, at power plant; MJ, 90 % efficiency (Location: SK) [jrc-eplca-c6a98580-217e-4770-9256-c31a0b004dc3]
- Electricity grid mix 1kV-60kV; AC; consumption mix, at consumer; 1kV - 60kV (Location: FI)  
[jrc-eplca-c6bc869d-3e8a-481a-8f3f-469c082df65e]
- Waste incineration of untreated wood (10,7% water content); average European waste-to-energy plant, without collection, transport and pre-treatment; at plant (Location: EU-27)  
[jrc-eplca-c6f0b870-89bc-414f-a7b4-3398f56eae25]
- Hydrogen chloride gas (HCl); production mix for PVC production, at plant (Location: RER)  
[jrc-eplca-c71f9b0f-be89-4be7-a00c-086230324492]
- Process steam from Heavy fuel oil 90 %; heat plant; consumption mix, at power plant; MJ, 90 % efficiency (Location: CH) [jrc-eplca-c72f0a66-bef9-4926-996d-a5423cfbea2e]
- Electricity Mix; AC; consumption mix, at consumer; 1kV - 60kV (Location: BE)  
[jrc-eplca-c76c5714-f383-44f8-8882-f27d790042ef]
- Process steam from light fuel oil; heat plant; consumption mix, at plant; MJ (Location: IT)  
[jrc-eplca-c84025a7-1442-4200-b1d7-16b650017e6d]
- Electricity Mix; AC; consumption mix, at consumer; 230V (Location: FR)  
[jrc-eplca-c8d7f695-1c5b-4f9a-8491-8c58c20c190f]
- Polystyrene expandable granulate (EPS); production mix, at plant (Location: RER)  
[jrc-eplca-c8da0e5d-a0b9-4868-8153-b5b1ad0c171c]
- Electricity grid mix; AC; consumption mix, at consumer; 230V (Location: FR)  
[jrc-eplca-c90a9be1-dc64-4c4a-b161-3f5e964aacf2]
- Electricity grid mix 1kV-60kV; AC; consumption mix, at consumer; 1kV - 60kV (Location: BE)  
[jrc-eplca-c93541fe-0b28-40b8-a890-9948e9f1d41f]
- Process steam from Light fuel oil 90 %; heat plant; consumption mix, at power plant; MJ, 90 % efficiency (Location: PT) [jrc-eplca-c9e67b38-e7f4-4907-bfbc-1d80e1011b05]
- Process steam from Heavy fuel oil 90 %; heat plant; consumption mix, at power plant; MJ, 90 % efficiency (Location: ES) [jrc-eplca-ca065807-cab0-468f-a6e5-bc5d12ed6f74]
- Heavy fuel oil at refinery (1.0wt.% S); from crude oil, fuel supply; production mix, at refinery; 1 wt.% sulphur (Location: EU-27) [jrc-eplca-cac750e6-f577-4e8b-af43-ae0000a55493]
- Process steam from heavy fuel oil; heat plant; consumption mix, at plant; MJ (Location: HU)  
[jrc-eplca-cb8dd6d8-5185-4bd9-bdc9-7123590f7329]
- Process steam from natural gas 90 %; heat plant; consumption mix, at power plant; MJ, 90 % efficiency (Location: SE) [jrc-eplca-cc1586c7-305b-4400-a85e-a54d7204330c]
- Rail transport; technology mix, diesel driven, cargo (Location: GLO)  
[jrc-eplca-cc2db53f-724c-44ac-a6fd-0c0da36768df]
- Gypsum plasterboard; technology mix of plasterboard production; production mix at factory; 12.5 mm thick, 10kg/m<sup>2</sup> (Location: EU-27) [jrc-eplca-cc39e70e-4a40-42b6-89e3-7305f0b95dc4]
- Polyvinylchloride resin (E-PVC); emulsion polymerisation; production mix, at plant (Location: RER)  
[jrc-eplca-ccbdee3b-27db-4852-a14c-ec73ad8421ea]
- Anhydrite (CaSO<sub>4</sub>); technology mix of natural (33%), thermal (33%) and synthetic (33%) produced anhydrite; production mix, at plant; grinded and purified product (Location: DE)  
[jrc-eplca-cd4506dd-fd30-4370-82a7-d1a6f7fcad15]
- Process steam from light fuel oil; heat plant; consumption mix, at plant; MJ (Location: SK)  
[jrc-eplca-cd6e0fc3-e568-4faa-b15e-b062fb7f6182]
- Process steam from light fuel oil; heat plant; consumption mix, at plant; MJ (Location: DK)  
[jrc-eplca-cd966b19-e753-4215-9a43-ee6bddd79e8]
- Process steam from Light fuel oil 90 %; heat plant; consumption mix, at power plant; MJ, 90 % efficiency (Location: RO) [jrc-eplca-ce1fe386-e87e-434e-95d5-0d9715c192d8]
- Electricity Mix; AC; consumption mix, at consumer; 230V (Location: LU)  
[jrc-eplca-ce4612ca-2d6b-43a9-a9dc-069847d4f000]

- Electricity Mix; AC; consumption mix, at consumer; 1kV - 60kV (Location: IT) [jrc-eplca-ce82b33c-ea98-4ba2-b7cd-1838deff792d]
- Process steam from natural gas 90%; heat plant; consumption mix, at power plant; MJ, 90 % efficiency (Location: SI) [jrc-eplca-ceeb4a1a-3f76-4a0c-bf9e-032275044947]
- Process steam from heavy fuel oil; heat plant; consumption mix, at plant; MJ (Location: ES) [jrc-eplca-cef97a44-c484-4bfa-b0f1-bcd8c96c1569]
- Process steam from natural gas 90 %; heat plant; consumption mix, at power plant; MJ, 90 % efficiency (Location: ES) [jrc-eplca-cfab3236-d997-425c-bebd-a1b60310eaf4]
- Vinyl chloride monomer (VCM); production mix for PVC production , at plant (Location: RER) [jrc-eplca-d1240334-eb6a-47f4-93a1-4b5f0feba440]
- Bulk carrier ocean; technology mix; 100.000-200.000 dwt (Location: GLO) [jrc-eplca-d34a2c9d-21e6-458a-ba08-2e03addb9083]
- Electricity Mix; AC; consumption mix, at consumer; 1kV - 60kV (Location: CZ) [jrc-eplca-d34cad37-8fbd-466f-b5db-9677f90b768d]
- Electricity grid mix; AC; consumption mix, at consumer; 230V (Location: ES) [jrc-eplca-d441b2b8-acdd-4825-8a8d-05a5cc5ab61a]
- Electricity Mix; AC; consumption mix, at consumer; 230V (Location: IS) [jrc-eplca-d5d84799-7696-4876-87d3-0a02fc26e93]
- Process steam from light fuel oil; heat plant; consumption mix, at plant; MJ (Location: EE) [jrc-eplca-d6020cc8-ffc0-440c-b13f-c0c531879717]
- Process steam from heavy fuel oil; heat plant; consumption mix, at plant; MJ (Location: NO) [jrc-eplca-d6082887-a797-4841-a4e3-c1493b0c0353]
- Container glass (delivered to the end user of the contained product, reuse rate: 7%); technology mix; production mix at plant (Location: RER) [jrc-eplca-d7bbec20-f8d8-4a8a-9a99-c7cdafaa77d]
- Process steam from light fuel oil; heat plant; consumption mix, at plant; MJ (Location: CH) [jrc-eplca-d879e3dd-16ff-4dc4-b872-b953baf4078f]
- Process steam from light fuel oil; heat plant; consumption mix, at plant; MJ (Location: GR) [jrc-eplca-d8f21c14-5418-453c-b458-f46ea11451c4]
- Porocalce plaster production; Porocalce plaster - Milling and mixing of sand, perlite, expanded glass, calcium hydroxide; Production mix at plant - Southern Italy; 1 kg, Plaster (Location: IT) [jrc-eplca-da78eea3-ead1-4379-80af-14a991a2a746]
- Lignite mix; technology mix; consumption mix, at consumer (Location: EU-27) [jrc-eplca-da891445-9212-4d35-9d3a-78b58cd1ca93]
- Heat; residential heating systems from natural gas, condensing boiler, max. heat output 14,9 kW; consumption mix, at consumer; at a temperature level of 55°C (Location: EU-27) [jrc-eplca-db009010-338f-11dd-bd11-0800200c9a66]
- Heat; residential heating systems from wood pellets, boiler, max. heat output 14,9 kW; consumption mix, at consumer; at a temperature level of 70°C (Location: EU-27) [jrc-eplca-db009011-338f-11dd-bd11-0800200c9a66]
- Heat; residential heating systems from light fuel oil (low sulphur), condensing boiler, max. heat output 14,9 kW; consumption mix, at consumer; at a temperature level of 55°C (Location: EU-27) [jrc-eplca-db009012-338f-11dd-bd11-0800200c9a66]
- Drinking water; water purification treatment; production mix, at plant; from groundwater (Location: RER) [jrc-eplca-db009013-338f-11dd-bd11-0800200c9a66]
- Drinking water; water purification treatment; production mix, at plant; from surface water (Location: RER) [jrc-eplca-db009014-338f-11dd-bd11-0800200c9a66]
- Process water; ion exchange; production mix, at plant; from groundwater (Location: RER) [jrc-eplca-db009015-338f-11dd-bd11-0800200c9a66]
- Process water; ion exchange; production mix, at plant; from surface water (Location: RER) [jrc-eplca-db009016-338f-11dd-bd11-0800200c9a66]
- De-ionised water; reverse osmosis; production mix, at plant; from groundwater (Location: RER) [jrc-eplca-db009017-338f-11dd-bd11-0800200c9a66]
- De-ionised water; reverse osmosis; production mix, at plant; from surface water (Location: RER) [jrc-eplca-db009018-338f-11dd-bd11-0800200c9a66]
- Polyamide 6.6 fibres (PA 6.6); from adipic acid and hexamethylene diamine (HMDA); production mix, at plant; PA 6.6 granulate without additives (Location: EU-27) [jrc-eplca-db009019-338f-11dd-bd11-0800200c9a66]
- Polyacrylonitrile fibres (PAN); from acrylonitrile and methacrylate; production mix, at plant; PAN without additives (Location: EU-27) [jrc-eplca-db00901a-338f-11dd-bd11-0800200c9a66]
- Polypropylene fibres (PP); crude oil based; production mix, at plant; PP granulate without additives (Location: EU-27) [jrc-eplca-db00901b-338f-11dd-bd11-0800200c9a66]
- Polyethylene terephthalate fibres (PET); via dimethyl terephthalate (DMT); production mix, at plant; PET granulate without additives (Location: EU-27) [jrc-eplca-db00901c-338f-11dd-bd11-0800200c9a66]
- Waste water treatment; chemical reduction/oxidation process, municipal waste water; at waste water treatment plant (Location: RER) [jrc-eplca-db00901d-338f-11dd-bd11-0800200c9a66]
- Waste water treatment; industrial waste water according to the Directive 91/271/EEC concerning urban waste water treatment; at waste water treatment plant; slightly organic contaminated (Location: EU-27) [jrc-eplca-db00901e-338f-11dd-bd11-0800200c9a66]
- Waste water treatment; industrial waste water according to the Directive 91/271/EEC concerning urban waste water treatment; at waste water treatment plant; slightly organic and anorganic contaminated (Location: EU-27) [jrc-eplca-db00901f-338f-11dd-bd11-0800200c9a66]
- Waste water treatment; industrial waste water according to the Directive 91/271/EEC concerning urban waste water treatment; at waste water treatment plant; organic contaminated (Location: EU-27) [jrc-eplca-db009020-338f-11dd-bd11-0800200c9a66]
- Benzene; technology mix, from pyrolysis gasoline, reformate and toluene dealkylation; production mix, at plant; liquid (Location: EU-27) [jrc-eplca-db009021-338f-11dd-bd11-0800200c9a66]
- Rail transport; technology mix, diesel driven, cargo (Location: RER) [jrc-eplca-db009023-338f-11dd-bd11-0800200c9a66]

- Process steam from Heavy fuel oil 90 %; heat plant; consumption mix, at power plant; MJ, 90 % efficiency (Location: SE) [jrc-epica-db821149-d4ec-4c3a-b52a-ef22a6d1e302]
- Electricity grid mix 1kV-60kV; AC; consumption mix, at consumer; 1kV - 60kV (Location: SI) [jrc-epica-db9f5e2b-4e51-4f82-912d-d26c91077f35]
- Process steam from Heavy fuel oil 90 %; heat plant; consumption mix, at power plant; MJ, 90 % efficiency (Location: PL) [jrc-epica-dc8987af-bfce-4820-8230-3ee42ffe4c89]
- Electricity grid mix; AC; consumption mix, at consumer; 230V (Location: CZ) [jrc-epica-dce81355-c4c0-486f-b442-5f10d67b3c18]
- Process steam from Light fuel oil 90 %; heat plant; consumption mix, at power plant; MJ, 90 % efficiency (Location: HU) [jrc-epica-dd225398-fe89-4e25-b821-3c38c3133d34]
- Oxygen; via cryogenic air separation; production mix, at plant; gaseous (Location: EU-27) [jrc-epica-de25dd0e-0072-4e8d-af0d-df6b17c05e1e]
- Electricity Mix; AC; consumption mix, at consumer; 230V (Location: CH) [jrc-epica-de60e9f5-87a0-40cb-ae54-11ec7eac8909]
- PCC slurry; Precipitated Calcium Carbonate (PCC) - slurry, uncoated, with a solid content ranging from 15% to 40% in the slurry, a CaCO<sub>3</sub> content of 98% or more, a median particle size ranging typically from 0.3 to 3 µm, ready to be shipped as slurry. Production at plant.; Production at plant; none (Location: RER) [jrc-epica-deb8f616-d451-4904-b241-d7295713acff]
- Electricity grid mix; AC; consumption mix, at consumer; 230V (Location: HU) [jrc-epica-df5471d5-1f02-4aca-b3e8-a485d4303ae4]
- Hard coal mix; technology mix; consumption mix, at consumer (Location: EU-27) [jrc-epica-dff13196-75d9-4179-8b45-7b35891ac38e]
- Waste incineration of plastics (PE, PP, PS, PB); average European waste-to-energy plant, without collection, transport and pre-treatment; at plant (Location: EU-27) [jrc-epica-e01167ad-6cf8-47a7-8df9-e89bf35cb704]
- Process steam from Light fuel oil 90 %; heat plant; consumption mix, at power plant; MJ, 90 % efficiency (Location: EE) [jrc-epica-e02a2b87-57dd-4e0c-825c-2dc17333e41a]
- Process steam from natural gas; heat plant; consumption mix, at plant; MJ (Location: SE) [jrc-epica-e069b53f-3825-4111-8c61-a4befcaff5aa]
- Process steam from light fuel oil; heat plant; consumption mix, at plant; MJ (Location: CY) [jrc-epica-e131e07d-f6b7-4429-bf23-3f101fcc99e0]
- Steel hot rolled coil (ILCD); blast furnace route; production mix, at plant; 1kg, typical thickness between 2 - 7 mm. typical width between 600 - 2100 mm (Location: GLO) [jrc-epica-e16174fe-6542-4572-90bc-8980616e53]
- Process steam from Light fuel oil 90 %; heat plant; consumption mix, at power plant; MJ, 90 % efficiency (Location: LT) [jrc-epica-e22e9408-f3b7-486b-86e3-f54c5de23b8c]
- Electricity grid mix 1kV-60kV; AC; consumption mix, at consumer; 1kV - 60kV (Location: IS) [jrc-epica-e35262d2-f91a-487b-af42-7e88f30c0d71]
- Process steam from heavy fuel oil; heat plant; consumption mix, at plant; MJ (Location: AT) [jrc-epica-e3cd6a07-b8b5-46dd-881b-2b77f6c3f27c]
- Process steam from Heavy fuel oil 90 %; heat plant; consumption mix, at power plant; MJ, 90 % efficiency (Location: SK) [jrc-epica-e560be6f-4b9d-4da1-b23f-aed4253f436b]
- Continuous filament glass fibre (assembled rovings); The main end-use of CFGF products is the reinforcement of thermosetting and thermoplastic resins.; at plant (Location: RER) [jrc-epica-e6a01ea5-befc-4733-9282-2c05f124c4f4]
- Process steam from natural gas; heat plant; consumption mix, at plant; MJ (Location: EU-27) [jrc-epica-e6b42a88-7301-485e-98d7-202cb33505e2]
- Electricity grid mix 1kV-60kV; AC; consumption mix, at consumer; 1kV - 60kV (Location: MT) [jrc-epica-e7830723-15f7-47b8-8870-f30ca0c922e7]
- Nylon 66 GF 30 compound (PA 66 GF 30); production mix, at plant (Location: RER) [jrc-epica-e7920ba8-e048-49b5-b16b-387a937b901b]
- Process steam from heavy fuel oil; heat plant; consumption mix, at plant; MJ (Location: FR) [jrc-epica-e7b2759e-186d-4bf6-aa98-41eb3dcccfc3c]
- Electricity Mix; AC; consumption mix, at consumer; 230V (Location: RO) [jrc-epica-e7ca53ec-792e-4573-92ca-9752658e8e9d]
- Process steam from natural gas 90 %; heat plant; consumption mix, at power plant; MJ, 90 % efficiency (Location: GB) [jrc-epica-e81d1c6c-d422-4d68-8efb-a2d64a30aba6]
- Process steam from natural gas 90%; heat plant; consumption mix, at power plant; MJ, 90 % efficiency (Location: LT) [jrc-epica-e87b056b-aba7-492f-ad7c-25e9486ea41e]
- Process steam from heavy fuel oil; heat plant; consumption mix, at plant; MJ (Location: SK) [jrc-epica-e925898a-50ec-427c-a0d6-8696ac31a660]
- Process steam from natural gas 90 %; heat plant; consumption mix, at power plant; MJ, 90 % efficiency (Location: FR) [jrc-epica-e95eb270-0932-4950-9072-10b90037c7f2]
- Electricity Mix; AC; consumption mix, at consumer; 1kV - 60kV (Location: ES) [jrc-epica-e9d82aa9-0160-4993-8945-6c4a41dc594f]
- Electricity grid mix 1kV-60kV; AC; consumption mix, at consumer; 1kV - 60kV (Location: BG) [jrc-epica-eaf92022-e9ac-403f-ad93-b10dfe358d7b]
- Electricity grid mix 1kV-60kV; AC; consumption mix, at consumer; 1kV - 60kV (Location: IE) [jrc-epica-eb9ca519-6063-4b17-8626-9c4016f09b2b]
- Propene (Propylene); from steam cracking; production mix, at plant; gaseous (Location: EU-27) [jrc-epica-ec09778b-711d-4078-8a9a-6cd37c4a4176]
- Electricity grid mix 1kV-60kV; AC; consumption mix, at consumer; 1kV - 60kV (Location: AT) [jrc-epica-ec280d7b-d35b-4307-b0c4-05238af04fc0]
- Sulphur; from crude oil; consumption mix, at refinery; elemental sulphur (Location: EU-15) [jrc-epica-ec450ce7-4598-4ca5-9ab3-452ff1c750a4]
- Bulk carrier ocean; technology mix; 100.000-200.000 dwt (Location: RER) [jrc-epica-ee57e8ac-17cd-4538-be62-35d1095a30c2]

- Electricity Mix; AC; consumption mix, at consumer; 1kV - 60kV (Location: EE)  
[jrc-eplca-eeedcfdc-042d-47d7-be9b-f7f23a58b2a5]
- Electricity grid mix; AC; consumption mix, at consumer; 230V (Location: RO)  
[jrc-eplca-ef6e9eae-f4e3-4c66-bdc0-2d193ddef912]
- Continuous filament glass fibre (dry chopped strands); The main end-use of CFGF products is the reinforcement of thermosetting and thermoplastic resins.; at plant (Location: RER)  
[jrc-eplca-ef717f82-8d32-4a22-9d8c-e67cc9a14c49]
- Electricity Mix; AC; consumption mix, at consumer; 115-220V (Location: ES)  
[jrc-eplca-f0a6c237-873e-474e-a9cb-bcff8a6b3fe2]
- Electricity Mix; AC; consumption mix, at consumer; 230V (Location: PT)  
[jrc-eplca-f19d5cc5-9c0b-466a-9575-6b0d07e022a3]
- Process steam from heavy fuel oil; heat plant; consumption mix, at plant; MJ (Location: SE)  
[jrc-eplca-f1bbe8c0-f67f-4773-8e4b-18b36779b1dc]
- Polyethylene low linear density granulate (PE-LLD); production mix, at plant (Location: RER)  
[jrc-eplca-f35313d3-c5fa-4b97-a212-d11a122070f8]
- Process steam from light fuel oil; heat plant; consumption mix, at plant; MJ (Location: SI)  
[jrc-eplca-f376db57-a86e-47cc-be5b-e4508d017fa6]
- Process steam from Light fuel oil 90 %; heat plant; consumption mix, at power plant; MJ, 90 % efficiency (Location: FR) [jrc-eplca-f3f9e2e4-b51e-49a8-81f9-221b95c54fc4]
- Gasoline mix (regular) at refinery; from crude oil and bio components, fuel supply; production mix, at refinery; 10 ppm sulphur, 5.75 wt.% bio components (Location: EU-27)  
[jrc-eplca-f44f98ce-1d4c-4267-9d06-c7686b9488a3]
- Process steam from heavy fuel oil; heat plant; consumption mix, at plant; MJ (Location: CH)  
[jrc-eplca-f4b59536-56bb-4cbc-aec5-790b84179720]
- Process steam from natural gas 90 %; heat plant; consumption mix, at power plant; MJ, 90 % efficiency (Location: DE) [jrc-eplca-f4f12d04-7105-4638-afea-753b0556241e]
- Electricity grid mix; AC; consumption mix, at consumer; 230V (Location: BG)  
[jrc-eplca-f61f58b8-5a56-4d77-ad34-7dbe66ec9165]
- Electricity Mix; AC; consumption mix, at consumer; 1kV - 60kV (Location: AT)  
[jrc-eplca-f64909f4-e093-4400-91be-d6ea7f1a6907]
- Process steam from heavy fuel oil; heat plant; consumption mix, at plant; MJ (Location: PT)  
[jrc-eplca-f70e4e1e-536f-497d-8a64-4528898da8bd]
- Sodium hydroxide; production mix for PVC production, at plant; 100% NaOH (Location: RER)  
[jrc-eplca-f7ba74a4-e81c-4084-97c9-b9dd5456446c]
- Oriented Strand Board; OSB III; production mix, at plant; 4,8% water content (Location: EU-27)  
[jrc-eplca-f7e0f0fd-fb6b-40b5-9300-bddba423e084]
- Electricity Mix; AC; consumption mix, at consumer; 1kV - 60kV (Location: NO)  
[jrc-eplca-f80f77ee-c7f2-495f-ad0f-bfeed7bdb820]
- Electricity grid mix 1kV-60kV; AC; consumption mix, at consumer; 1kV - 60kV (Location: LV)  
[jrc-eplca-f89a438f-fa10-4de7-8df8-aed25ebabecb]
- Electricity Mix; AC; consumption mix, at consumer; 230V (Location: AT)  
[jrc-eplca-f8a2668d-9b8c-4759-b736-1b848a211902]
- Process steam from heavy fuel oil; heat plant; consumption mix, at plant; MJ (Location: PL)  
[jrc-eplca-f8ab8f94-8e42-4dc3-ae50-7f530d4f12f1]
- Steel hot rolled section; blast furnace and electric arc furnace route; production mix, at plant (Location: GLO)  
[jrc-eplca-f9d4581e-14de-417e-8f9f-6c74e6f14051]
- Nylon 6 granulate (PA 6); production mix, at plant (Location: RER)  
[jrc-eplca-fad4c07f-40db-48fa-8d62-de5ae8d9fcbf]
- Continuous filament glass fibre (wet chopped strands); The main end-use of CFGF products is the reinforcement of thermosetting and thermoplastic resins.; at plant (Location: RER)  
[jrc-eplca-fbc78a35-ca03-468b-9793-8716d08ba3ea]
- Process steam from natural gas 90%; heat plant; consumption mix, at power plant; MJ, 90 % efficiency (Location: LV) [jrc-eplca-fc0019a5-3247-41dd-90bb-041e89ef3839]
- Electricity Mix; AC; consumption mix, at consumer; 220V (Location: SK)  
[jrc-eplca-fc7889ca-c29d-4266-87bc-01b0fbc01d9b]
- Process steam from Heavy fuel oil 90 %; heat plant; consumption mix, at power plant; MJ, 90 % efficiency (Location: BE) [jrc-eplca-fccea4d2-8716-44fe-9d1c-9a9f00d45aa7]
- Hard Coal; from underground and open pit mining; consumption mix, at power plant (Location: EU-27)  
[jrc-eplca-fd9db250-4998-11dd-ae16-0800200c9a66]
- Lignite; from open pit mining; consumption mix, at power plant (Location: EU-27)  
[jrc-eplca-fd9db251-4998-11dd-ae16-0800200c9a66]
- Special high grade zinc; primary production; production mix, at plant (Location: GLO)  
[jrc-eplca-fd9db252-4998-11dd-ae16-0800200c9a66]
- Lead; primary; consumption mix, at plant (Location: DE) [jrc-eplca-fd9db253-4998-11dd-ae16-0800200c9a66]
- Electricity Mix; AC; consumption mix, at consumer; 220V (Location: LT)  
[jrc-eplca-fde3d025-2889-4e04-a6ff-0dd9a6b79b80]
- Electricity from wind power; AC; production mix, at power plant; < 1kV (Location: RER)  
[jrc-eplca-fe1c3d03-072b-4da7-8fff-3505f9b01efc]
- Electricity grid mix; AC; consumption mix, at consumer; 230V (Location: AT)  
[jrc-eplca-fe2e54f4-5200-410f-8b97-0ed5380183ed]
- Process steam from natural gas 90%; heat plant; consumption mix, at power plant; MJ, 90 % efficiency (Location: EE) [jrc-eplca-fe71f291-65d4-4c66-875f-0c737ee264d2]
- Electricity grid mix; AC; consumption mix, at consumer; 230V (Location: NL)  
[jrc-eplca-ff8e5c50-00c8-443f-aba9-a4d106937e8a]