A list of abbreviations used should be added at the end.

2.19: Pipeline transport is listed as energy industry. This is in contradiction with Table 5.1 where pipeline transport is not mentioned and paragraph 5.87 were pipeline transport is described as part of transport sector.

2.22: “(including households)” should be changed to “(including households as private consumers)”

3.9 b: “*electricity* and *heat* that are produced/generated by” should be changed to “all electricity changed and heat generated and sold to third parties by” (see also paragraph 5.69).

3.10: Peat should be included into footnote 1

Table 3.1 SIEC:

“Note: “Coal Products” refers to the products derived from hard Coal and Brown Coal. “Peat products” refers to products derived from Peat. “Oil products” refers to derived products.” should be changed to “Note: “Coal Products” refers to the products derived from hard Coal and Brown Coal. “Peat products” refers to products derived from Peat. “Oil products” refers to products derived from oil.

4.2.2 –Municipal waste should be split into

 4.2.2.1. Municipal waste renewable fraction

 4.2.2.2. Municipal waste non renewable fraction

 like it is mentioned in 3.110.

4.41; “they” should be replaced by “flow specific calorific values” if I interpret the previous paragraphs right.

Table .: Recommended units for dissemination

|  |  |  |
| --- | --- | --- |
| Fuels | Dimension | Unit |
| Solid fossil fuels | Mass | Thousand tons |
| Liquid fossil fuels  | Mass | Thousand tons |
| (Liquid) Biofuels | Mass/Volume | Thousand tons/ Thousand cubic metres |
| Gases | Energy | Terajoules |
| Wastes | Energy | Terajoules |
| Fuelwood | Volume/MassEnergy  | Thousand cubic metres/Terajoules |
| Charcoal | Mass | Thousand tons |
| Electricity | Energy (power x time) | GWh |
| Electricity installed capacity | Power | MW |
| Refinery capacity | Mass/time | Thousand tons/year |
| Heat | Energy | Terajoules |
| Common unit (e.g., balances) | Energy | Terajoules |

Why are liquid biofuels treated not in the same way like liquid fossil fuels? From my point of view none or both should be given in volume units.

Why are biofuels treated not in the same way like fuelwood and no energy units are recommended.

In case of fuelwood thousand tons are missing under Unit.

5.76: electricity should be eliminated as example because it leads to confusion with transformation

5.85: Are you sure you want to include trams into rail? In Austria trams are part of road transport like electric buses because their tracks are part of the road and not spatially separated.

5.87: It should be clearly mentioned that consumption of compressors used natural gas storage purposes are not included in pipeline transport.

8.18 and 11.21: instead of “– Stock changes” it must be “+/- Stock changes”

Annex A

In the overview on Page 158 under primary products **natural gas** is missing in case of non-renewables and **geothermal heat** in case of renewable

|  |  |  |
| --- | --- | --- |
|   | **Primary products** | **Secondary products** |
| **Non-renewables** | 1.1.1 - Hard coal1.1.2 - Brown coal1.2.1 – Peat1.3 - Oil shale2.2.1 - Crude oil2.2.2 - Natural gas liquids (NGL)2.2.4 – Additives and oxygenates4.2.1 - Industrial wastepart of 4.2.2 - Municipal wasteNuclear Heat | 1.1.3 – Derived coal products1.2.3 – Peat Briquettes2.2.3 - Refinery feedstocks2.2.5 – Derived oil productsElectricity from combusted fuels and nuclear fuelsAny other product derived from primary/secondary products |
| **Renewables** | 4 - Biofuels and waste (except charcoal, industrial waste and part of Municipal waste)Electricity and heat from renewable sources | 4.1.1.4 - CharcoalAny other product derived from primary/secondary products |