**Specifications for new web-form for obligation:** [**http://rod.eionet.europa.eu/obligations/756**](http://rod.eionet.europa.eu/obligations/756)

# Context

The legislation behind the current web-form for Large Combustion Plants (LCP) that serves <http://rod.eionet.europa.eu/obligations/9> has changed.

The new legislation implies certain changes in the data requirements. A new obligation has been created for this: <http://rod.eionet.europa.eu/obligations/756>

The proposed way forward is:

* Use the current web-form as a basis
* Remove, add and modify according to this document so that the web-form reflects the new requirements
* Keep in the system both old and new web-form in parallel
  + The old one for resubmissions of old data (during 2018 only)
  + The new one for the new reporting

In 2019, if the development of <http://rod.eionet.europa.eu/obligations/720> progresses as planned, both web-forms will be discontinued.

# Sheet Basic data

This sheet uses a number of code list that are until now in-built in the XML Schema. For continuity with the future tools, we request using the data dictionary instead (we request this in many other instances too).

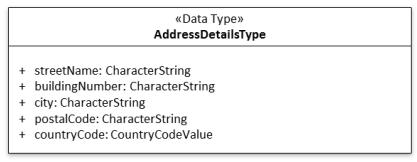
This would be the relation between fields and code lists at EEA DD:

* Member State: <http://dd.eionet.europa.eu/vocabulary/EPRTRandLCP/CountryCodeValue/view>
* Reference year: no code list involved. However, please allow only 2016 as a vale
* Number of plants: no code list, no change in functionality
* Section called ‘National Contact Person’ renamed as ‘Competent Authority’
* ‘Name of contact person’ renamed as Name of Department/contact person
* Rest: unchanged

# Sheet List of plants

Main aspects to take into account:

* The pre-filling functionality using E-PRTR data as a source should continue to operate. The field buildingNumber (next bullet point) matches with the relevant E-PRTR field so it has to be populated
* The address 1, city, region and postal code must be aligning to the future data model:



The countryCode must be automatically filled in as identical to the one declared in the Sheet Basic Data

Remove:

* Address 2

# Sheet Plant details

Here we refer to those elements that require changes. The rest are to be remain unchanged.

## Fields to be removed:

* Status of the plant
* Extension by 50 Mw or more
* Capacity added
* Substantial change
* Capacity affected
* Other sector
* turbine Boiler
* MWth - boiler Gas engine
* MWth - gas engine
* Diesel engine
* MWth - diesel engine
* Other

## Other sector

For the field ‘Other sector’ the current options are:

* iron\_steel
* esi
* district\_heating
* chp
* other

To improve readability, we suggest changing, in the web-form interface, these options by:

* iron\_steel 🡪 Iron and steel
* esi 🡪 Electricity production
* district\_heating 🡪 District heating
* chp 🡪 Combined heat and power generation
* other 🡪 Other

Please keep the original values as the ones to be written in the XML file for database continuity purposes. Please improve the visibility of the options when the drop down is deployed.

There is no code list at EEA DD for this as this coding will be discontinued as from 2019.

## Type of combustion plant (this did not exist in the past)

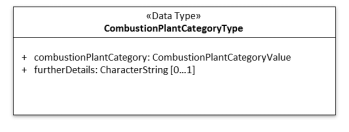
According to Article 72.3(b), the type of combustion plant has to be reported as follows: “boiler, gas turbine, gas engine, diesel engine, other (specifying the type)”. It has to be noted that one LCP may consist of several units.

On top of that, a remark field (Further details) provides the option to explain, when the ‘others’ category is chosen.

This is the relevant code list containing the categories:

* <http://dd.eionet.europa.eu/vocabulary/EPRTRandLCP/CombustionPlantCategoryValue/view>

This would be the UML implementation:



## Date of start of operation

According to Article 72.3(c), the date of start of operation has to be reported for each LCP. This information is already implemented in the tool, but optional. Please change the field as mandatory.

## Number of operating hours

According to Article 72.3(e), the number of operating hours per year has to be reported for each LCP. This information is already implemented in the tool, but optional. Please change the field as mandatory.

## Derogation

A new attribute ‘Derogation’ (with a 0:N range of values) has to be added to allow the user to assign to each plant 0, one or more codes of the following code list: <http://dd.eionet.europa.eu/vocabulary/euregistryonindustrialsites/DerogationValue/view>

In the web-form this can be implemented as a multiple tick box or other user-friendly option

# Sheet Energy input, Emissions

Currently, the reporting tool requires certain categories that have changed with the new legislation. Categories are now too many for keeping energy input and emissions in a single table. We suggest having two independent sheet:

## Sheet Energy input

* Categories of energy input:
  + Main: <http://dd.eionet.europa.eu/vocabulary/EPRTRandLCP/FuelInputValue/view>
  + For the value other solid fuels, subcategories are to be provided as follows: <http://dd.eionet.europa.eu/vocabulary/EPRTRandLCP/OtherSolidFuelValue/view>
  + For other gasesous fuels, subcategories are to be provided as follows:

<http://dd.eionet.europa.eu/vocabulary/EPRTRandLCP/OtherGaseousFuelValue/view>

It must be mandatory to provide a figure, even ‘0’ (zero) for each of the categories.

In all cases the units are TJ.

## Sheet emissions

The categories are these: <http://dd.eionet.europa.eu/vocabulary/EPRTRandLCP/LCPPollutantCodeValue/view>

# Sheet Opt-outs/TNP

This table disappears

# Table LCP Article 15

This table disappears

# New Table ‘Derogations IED’

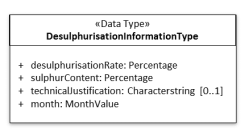
According to Article 72.4(a), for combustion plants to which Article 31 applies (“indigenous solid fuels”), the sulphur content of the indigenous solid fuel and rate of desulphurisation achieved has to be reported, averaged over each month. In addition, for the first year, the technical justification of non-feasibility of complying with the emission limit values has to be reported. Reporting of this information has not yet been implemented in the tool.

## Desulphurisation rate

The sheet will render a table of plants where the value of attribute ‘Derogation’ in Sheet Plant Details is equal to [**http://dd.eionet.europa.eu/vocabulary/euregistryonindustrialsites/DerogationValue/Article31**](http://dd.eionet.europa.eu/vocabulary/euregistryonindustrialsites/DerogationValue/Article31)

For those plants, a percentage value for the attribute ‘desulphurisation rate’, ‘sulphur content’ and a ‘technical justification’ has to be provided for each month (<http://dd.eionet.europa.eu/vocabulary/EPRTRandLCP/MonthValue/view>)

This would be the UML description.



Please implement in the web-form in a user friendly way.

## Proportion of Useful Heat

The sheet will render a table of plants where the value of attribute ‘Derogation’ in Sheet Plant Details is equal to <http://dd.eionet.europa.eu/vocabularyconcept/euregistryonindustrialsites/DerogationValue/Article35/>

For these plants the data provider has to provide, as a percentage, the proportion of useful heat that is produced in the plant for a given year.