**Description for the import of the xml file in the database (DB)**

The former table 'main\_report' is now split up in two tables: tbl\_value and tbl\_report!

Tbl\_report replaces the former tbl\_statusSubmission, as well.

1. Consistency checks for the XML:

1. Company\_No, Company\_name, country\_ID, Report\_submission\_no, Report\_submissiondate, Transaction\_year, Most\_recent\_report, Nil\_report & Status\_Tier2 must not be empty!
2. Actor\_ID, Transaction\_ID, Gas, Value\_t, Warning\_flag, Visible, Export\_for\_Supply\_Flag may only be empty in case of Nil\_report = yes
3. Gas\_ID may only be empty in case of Nil\_report = “yes” or if ‘Gas’ is none of the gases (gas names) corresponding to Gas\_ID 1-29 (cf. tbl\_gases)

2. Check country\_ID: If country is no EU27 MemberState (Region\_EU27 in tbl\_countries) cancel import of respective report.

3. Check if the company is already stored in the database => compare company\_no (e.g. FGAS 12345] with company\_no in DB and allocate the company\_ID in tbl\_ companies and (together with Report\_submission\_no & others) in tbl\_report.

If company is new, add company\_no to list (& add country\_ID to tbl\_companies, as well) and get new (automatically created) company\_ID.

4. (Open rset): First check, whether a previous report by the same company\_ID on the same transaction year is already available in tbl\_report. If yes, set ‘Most\_recent\_report’ flag of previous report(s) to “no”. Write Report\_submission\_no, Report\_submissiondate, actor\_ID, Company\_name, company\_ID (as mentioned in previous step) transaction year, NIL report and Status\_Tier2 in tbl\_report. Set ‘Most\_recent\_report’ flag of latest entered report to “yes”.

5. (Open rset):

For each value\_t, Transaction\_ID, Coproducer, Gas\_ID, Descriptions, Description\_preparation\_composition, visible, Export\_for \_Supply\_flag, value\_t and warning\_flag have to be written in tbl\_value.

Data sets with value\_t = 0 may only be imported in case a comment in ‘Descriptions’ exists and the ‘warning\_flag’ is set “on” accordingly.

In case gas\_ID is empty (i.e. new preparation); go to tbl\_gases; add gas (the name of the preparation) there, receive automatically created gas\_ID; get back to tbl\_value and paste gas\_ID there. Take care to write each new preparation only once into tbl\_gases as there might be several values/transaction with that new preparation in the report. The rest of the necessary information related to the new preparation (other fields in tbl\_gases & tbl\_blendcomposition) will be filled manually by support staff having received the respective e-mail automatically generated by the webform…)