

Generate a dummy for all ETS_installations. Between all steps the table must be saved and named correctly.

```
SELECT [3_ProductionInstallation].Parent_Facility_INSPIRE_ID,  
[3_ProductionInstallation].Installation_INSPIRE_ID, [3_ProductionInstallation].nameOfFeature,  
[3_ProductionInstallation].installationType, IIf([3f2_ETSIIdentifiers].[Installation_INSPIRE_ID] Is  
Not Null,1,0) AS ETS_dummy
```

```
FROM 3_ProductionInstallation LEFT JOIN 3f2_ETSIIdentifiers ON  
[3_ProductionInstallation].Installation_INSPIRE_ID =  
[3f2_ETSIIdentifiers].Installation_INSPIRE_ID;
```

Merge 1_Production Site with 2_ProductionFacility and the newly formed ETS_installations table. After that generate table with emission release data

```
SELECT [2f_PollutantRelease].reportingYear, Facility_ETS_info.Site_INSPIRE_ID,  
Facility_ETS_info.[1_ProductionSite_nameOfFeature], Facility_ETS_info.countryCode,  
Facility_ETS_info.Facility_INSPIRE_ID, Facility_ETS_info.parentCompanyName,  
Facility_ETS_info.[2_ProductionFacility_nameOfFeature], Facility_ETS_info.facilityType,  
Facility_ETS_info.mainActivityCode, Facility_ETS_info.pointGeometryLat,  
Facility_ETS_info.pointGeometryLon, Facility_ETS_info.streetName,  
Facility_ETS_info.buildingNumber, Facility_ETS_info.ETS_Dummy_Agg,  
[2f_PollutantRelease].pollutantCode, [2f_PollutantRelease].pollutantName,  
[2f_PollutantRelease].medium, [2f_PollutantRelease].totalPollutantQuantityKg,  
[2f_PollutantRelease].AccidentalPollutantQuantityKG  
  
FROM Facility_ETS_info INNER JOIN 2f_PollutantRelease ON  
Facility_ETS_info.Facility_INSPIRE_ID = [2f_PollutantRelease].Facility_INSPIRE_ID;
```

Generate table with data for both facility releases and transfers to other facilities and filter.

```
SELECT Facility_Pollutant.*, [2g_OffsitePollutantTransfer].totalPollutantQuantityKg AS  
OffsiteTransferQuantityKg, [2_ProductionFacility].ProductionFacility_thematicId  
  
FROM (Facility_Pollutant LEFT JOIN 2g_OffsitePollutantTransfer ON  
(Facility_Pollutant.Facility_INSPIRE_ID = [2g_OffsitePollutantTransfer].Facility_INSPIRE_ID)  
AND (Facility_Pollutant.reportingYear = [2g_OffsitePollutantTransfer].reportingYear) AND  
(Facility_Pollutant.pollutantCode = [2g_OffsitePollutantTransfer].pollutantCode)) LEFT JOIN  
2_ProductionFacility ON Facility_Pollutant.Facility_INSPIRE_ID =  
[2_ProductionFacility].Facility_INSPIRE_ID  
  
WHERE (((Facility_Pollutant.pollutantCode)<>"CONFIDENTIAL") AND  
((Facility_Pollutant.totalPollutantQuantityKg)<>0 And  
(Facility_Pollutant.totalPollutantQuantityKg) Is Not Null) AND  
((Facility_Pollutant.facilityType)="EPRTR"));
```

Generate table with a dummy equal to 1 if a match is found on the E-PRTR code in the EUTL datafile and filter by the number of observations.

```
SELECT FPT.reportingYear AS [Year], FPT.countryCode AS Country, FPT.Site_INSPIRE_ID AS
Site_ID, FPT.[1_ProductionSite_nameOfFeature] AS Site_Name, FPT.Facility_INSPIRE_ID AS
Facility_ID, FPT.parentCompanyName AS Parent_Name,
FPT.[2_ProductionFacility_nameOfFeature] AS Facility_Name, FPT.mainActivityCode AS
Subsector, FPT.pointGeometryLat AS Lat, FPT.pointGeometryLon AS Lon, FPT.streetName AS
Street_Name, FPT.buildingNumber AS Building_Number, FPT.ETS_Dummy_Agg AS ETS_ID,
Iif(AG.MatchFound Is Not Null,1,0) AS EPER_ID, FPT.pollutantCode AS Pollutant_Code,
FPT.pollutantName AS Pollutant_Name, FPT.medium AS Medium, FPT.totalPollutantQuantityKg
AS Total_Onsite_Emission, FPT.AccidentalPollutantQuantityKG AS Non_Routine_Emission,
FPT.OffsiteTransferQuantityKg AS Offsite_Emission,
Nz(FPT.totalPollutantQuantityKg,0)+Nz(FPT.OffsiteTransferQuantityKg,0) AS
Total_Facility_Emission, Nz(FPT.totalPollutantQuantityKg,0)-
Nz(FPT.AccidentalPollutantQuantityKG,0) AS Routine_Emission

FROM Facilities_Pollutant_Transfers AS FPT LEFT JOIN (SELECT DISTINCT
[EPER_IDENTIFICATION], 1 AS MatchFound FROM ETS_EUTL) AS AG ON
FPT.[ProductionFacility_thematicId] = AG.[EPER_IDENTIFICATION]

WHERE (((FPT.pollutantCode) In (SELECT pollutantCode FROM
Facilities_Pollutant_Transfers GROUP BY pollutantCode HAVING COUNT(*) > 18000 Or
(FPT.pollutantCode)="N2O" Or (FPT.pollutantCode)="CO2EXCLBIOMASS" Or
(FPT.pollutantCode)="PFCS"))));
```