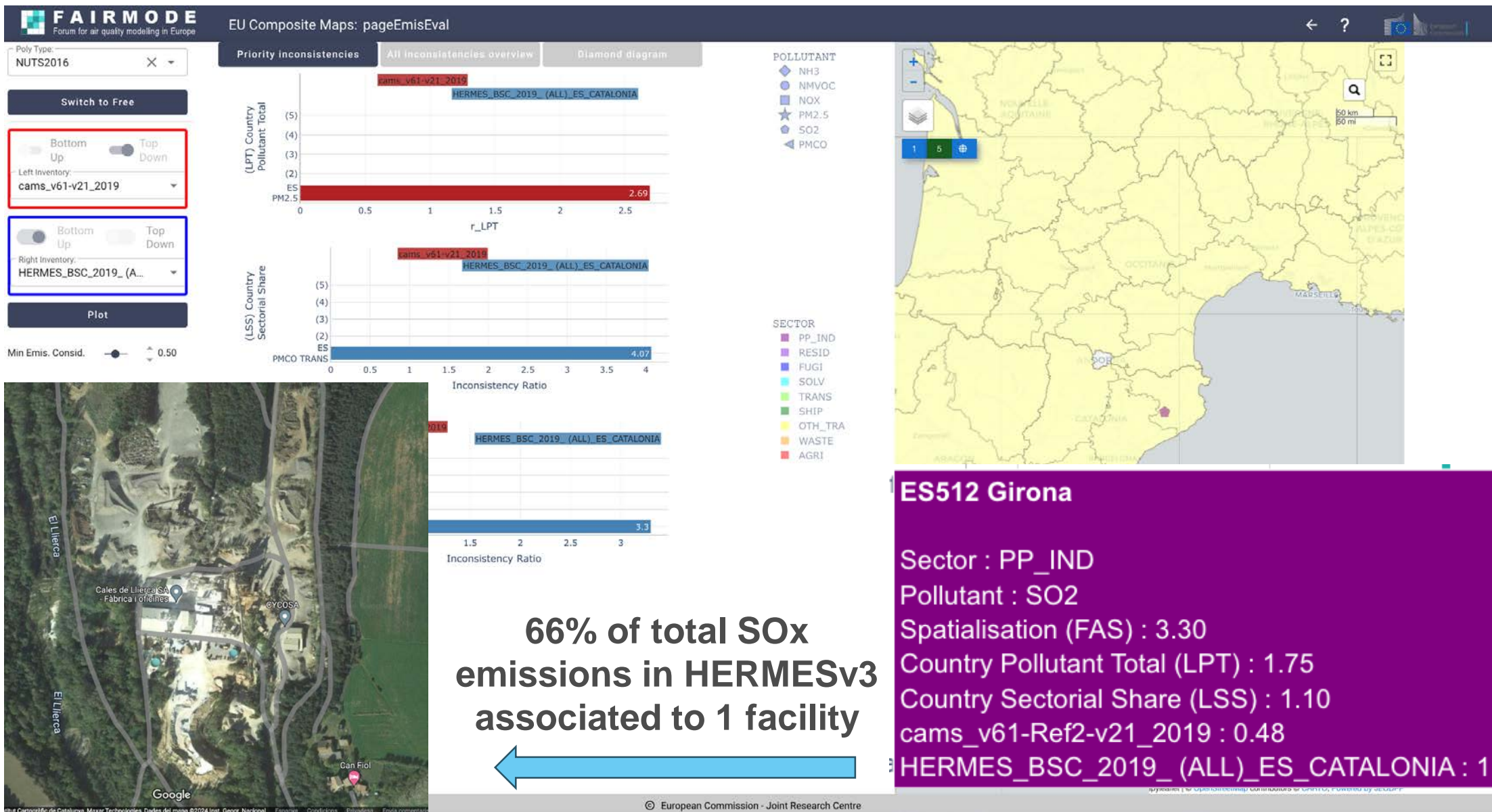


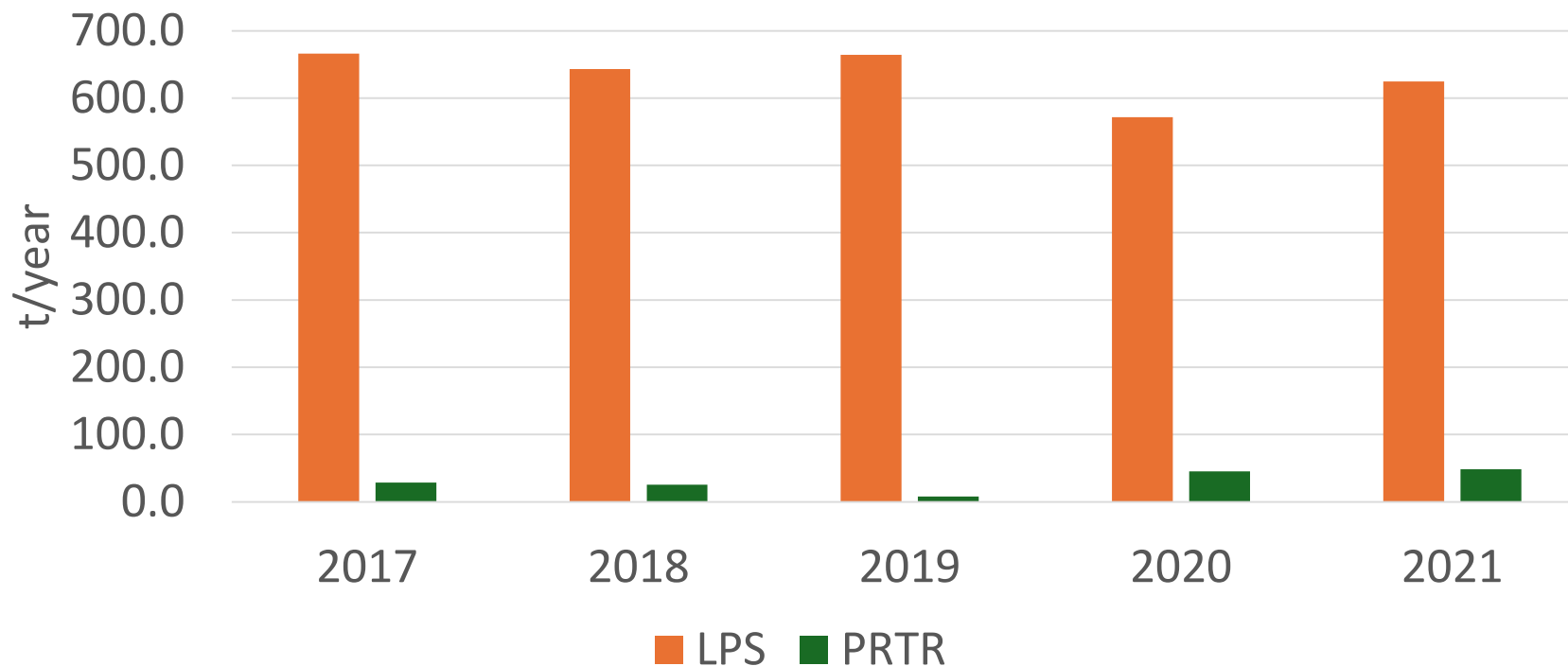
GIRONA – PP_IND SO2



GIRONA – PP_IND SO2

- HERMESv3 → LPS + PRTR
- CAMS-REG → PRTR + industrial land uses for “leftovers” from national totals

SOx annual emissions (PRTR facility 822)



If we replace LPS by PRTR in HERMESv3: 0.99 kt/year → 0.35 kt/year (closer to 0.48 kt/year reported by CAMS-REG)

BARCELONA/LLEIDA – RESID PM2.5


- HERMESv3 → rural population from GHSL weighted by RWC installed capacity per capita by NUTS
- CAMS-REG → proxy map that considers the urban/rural population density with a higher “weight” for wood use for a rural person and (local) availability of wood

Fireplaces and wood boilers < 50MW
(kW per capita)




<https://observatoriobiomasa.es/mapas>

TARRAGONA – PP_IND SO2



EU Composite Maps: Emission Benchmark

← ?


Poly Type: NUTS2016

Switch to Free

Bottom Up / Top Down

Left Inventory: emep_Grid2023_2019

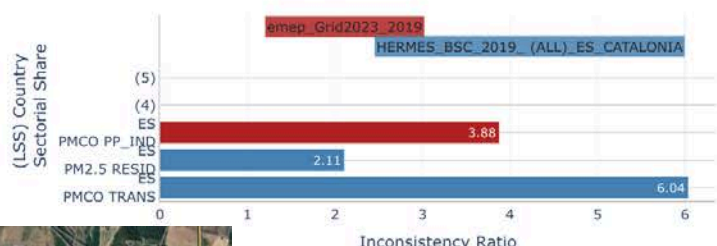
Bottom Up / Top Down

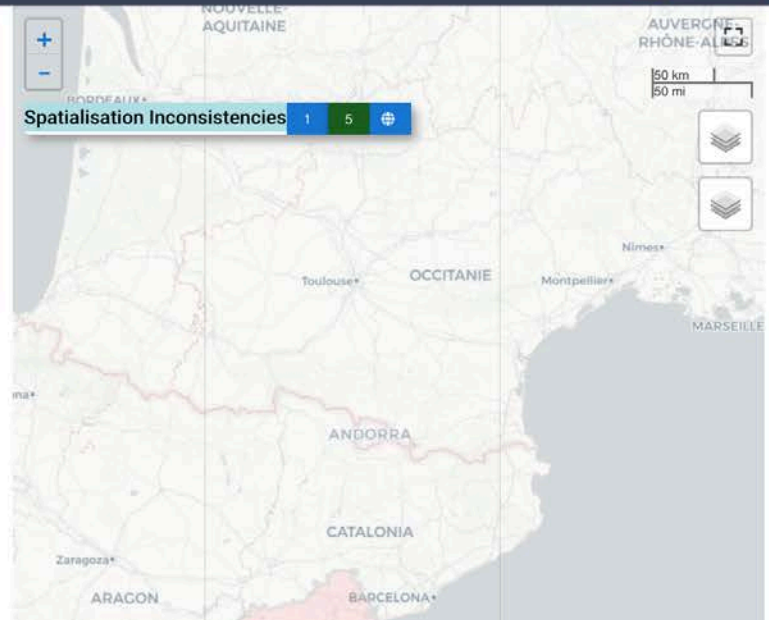
Right Inventory: HERMES_BSC_2019_(A...

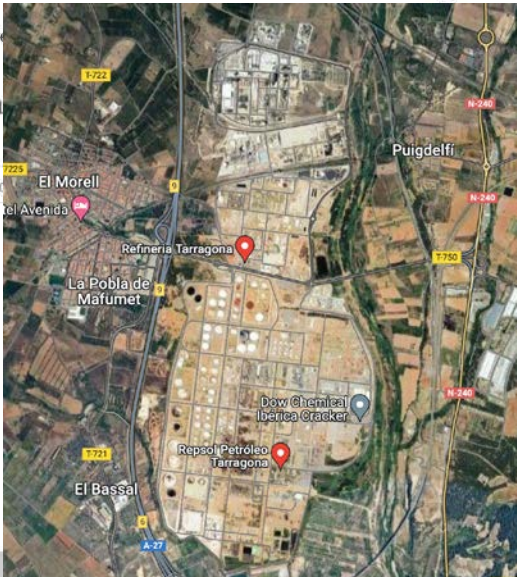
Plot

Min Emis. Consid. 0.50

(LPT) Country Pollutant Total

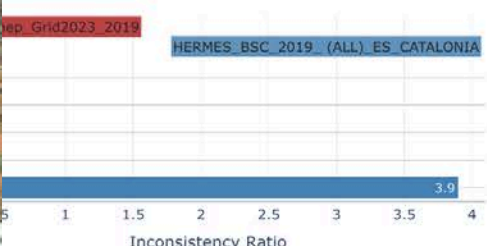






emep_Grid2023_2019

HERMES_BSC_2019_(ALL)_ES_CATALONIA



ES514 Tarragona

Sector : PP_IND

Pollutant : SO2

Spatialisation (FAS) : 3.90


Country Pollutant Total (LPT) : 1.67

Country Sectorial Share (LSS) : 1.91

emep_Grid2023_2019 : 0.76

HERMES_BSC_2019_(ALL)_ES_CATALONIA : 3.37

90% of total SOx emissions in HERMESv3 associated to 1 facility



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TARRAGONA – PP_IND SO2

- HERMESv3 → LPS + PRTR
- EMEP → LPS + industrial land uses for “leftovers” from national totals

