

El Registro Europeo de Complejos Industriales:

Pasos hacia obligaciones de reporte mas integradas

A photograph of an industrial facility, likely a power plant or refinery, situated in a valley. Two tall smokestacks are visible, emitting thick white plumes of smoke that rise into the air. The facility is surrounded by rolling hills and mountains in the background, with a layer of mist or fog settling in the valley floor. The foreground shows some trees with autumn-colored foliage.

Daniel Montalvo | 7ª JORNADA DE INFORMACIÓN
Y PARTICIPACIÓN PÚBLICA PRTR | 4 Diciembre 2020

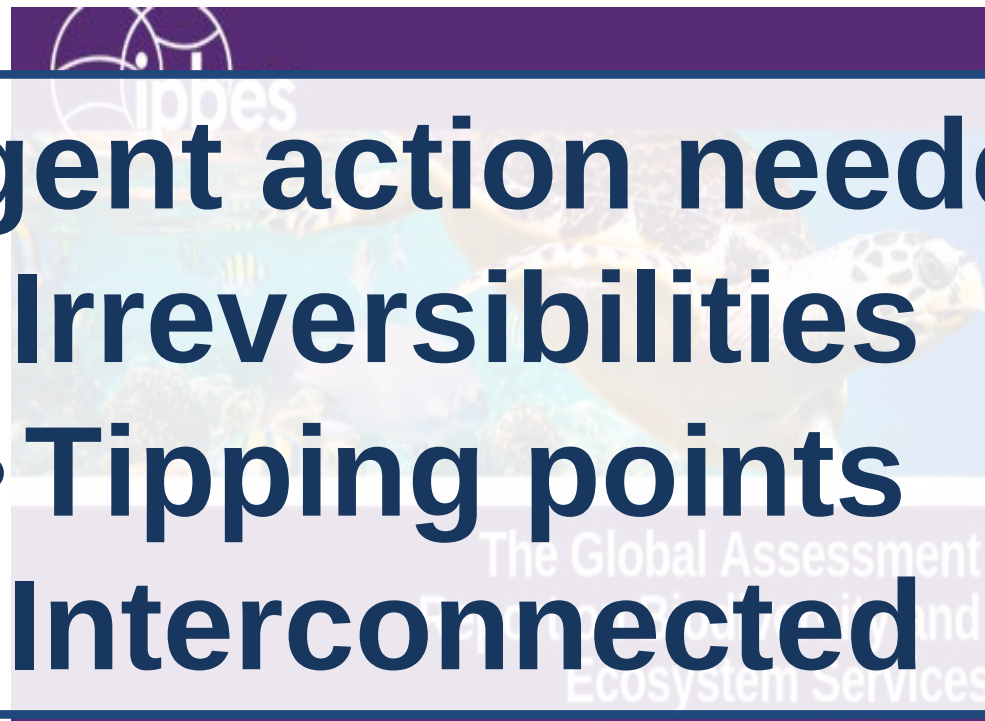
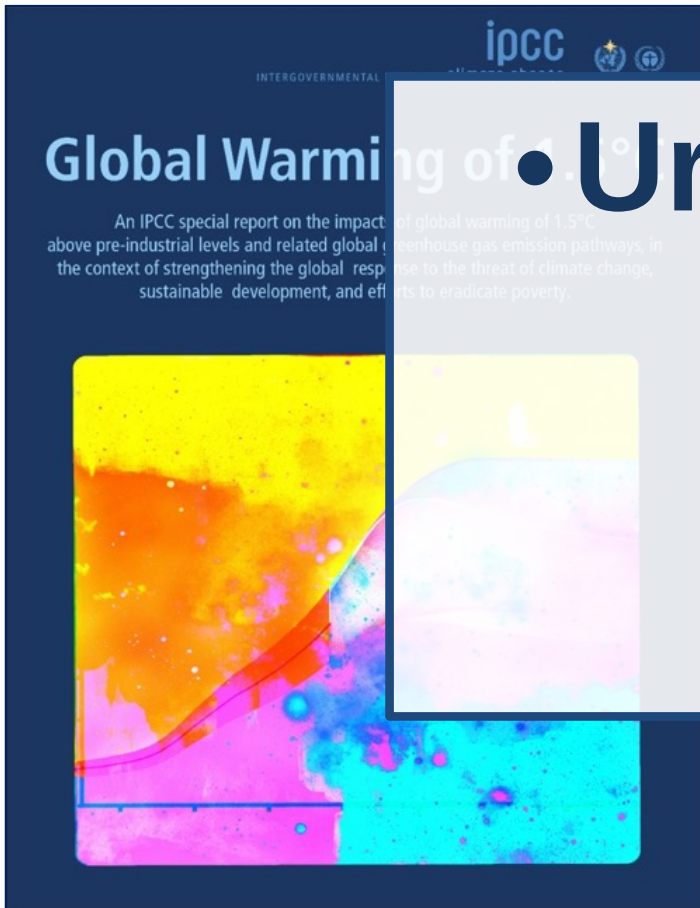
Global context: unprecedented challenges, improved knowledge

1. IPCC report on global warming of 1.5°C

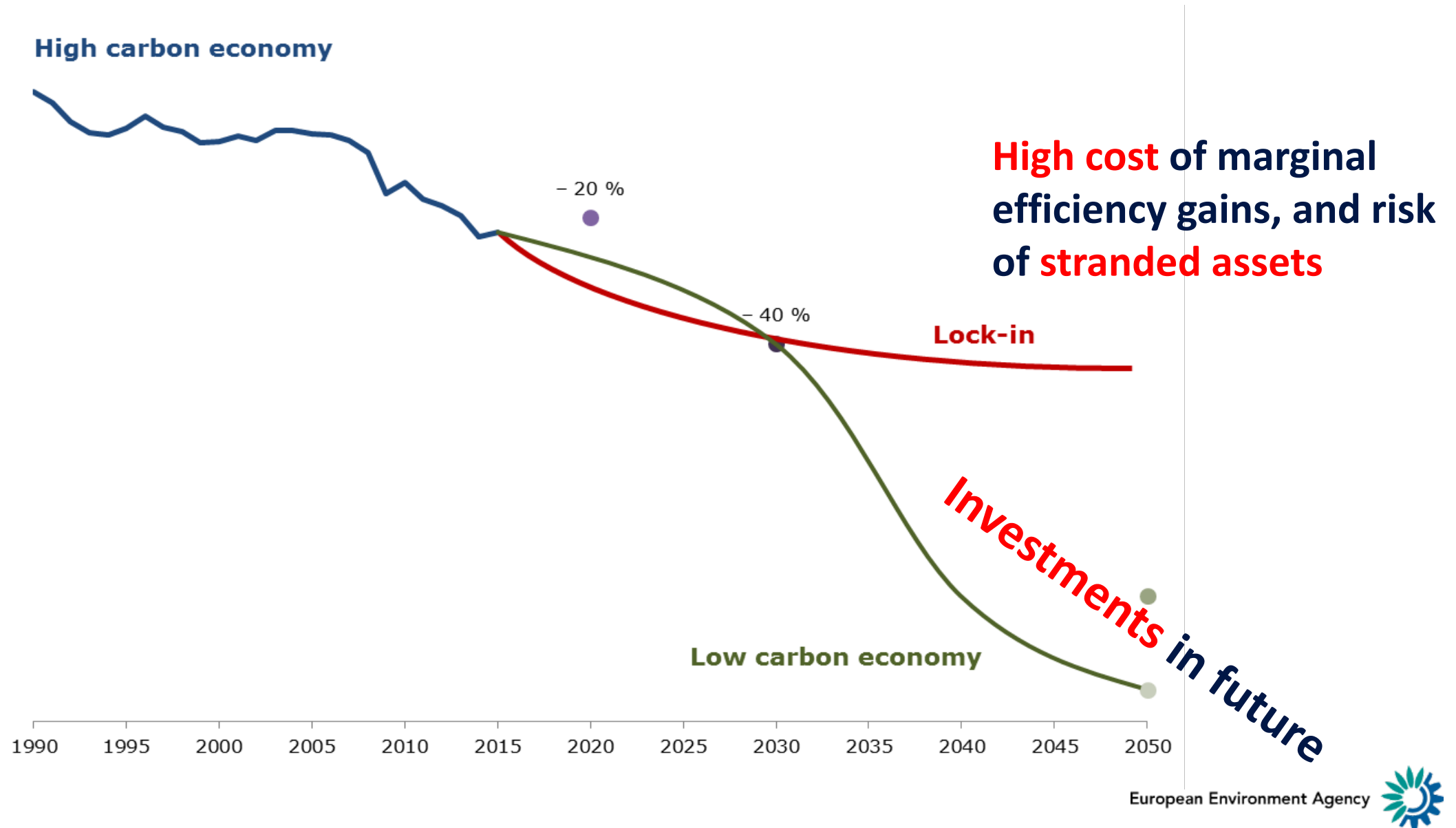
2. IPBES global report on biodiversity and ecosystem services

3. International Resource Panel global outlook 2019

- Urgent action needed
- Irreversibilities
- Tipping points
- Interconnected

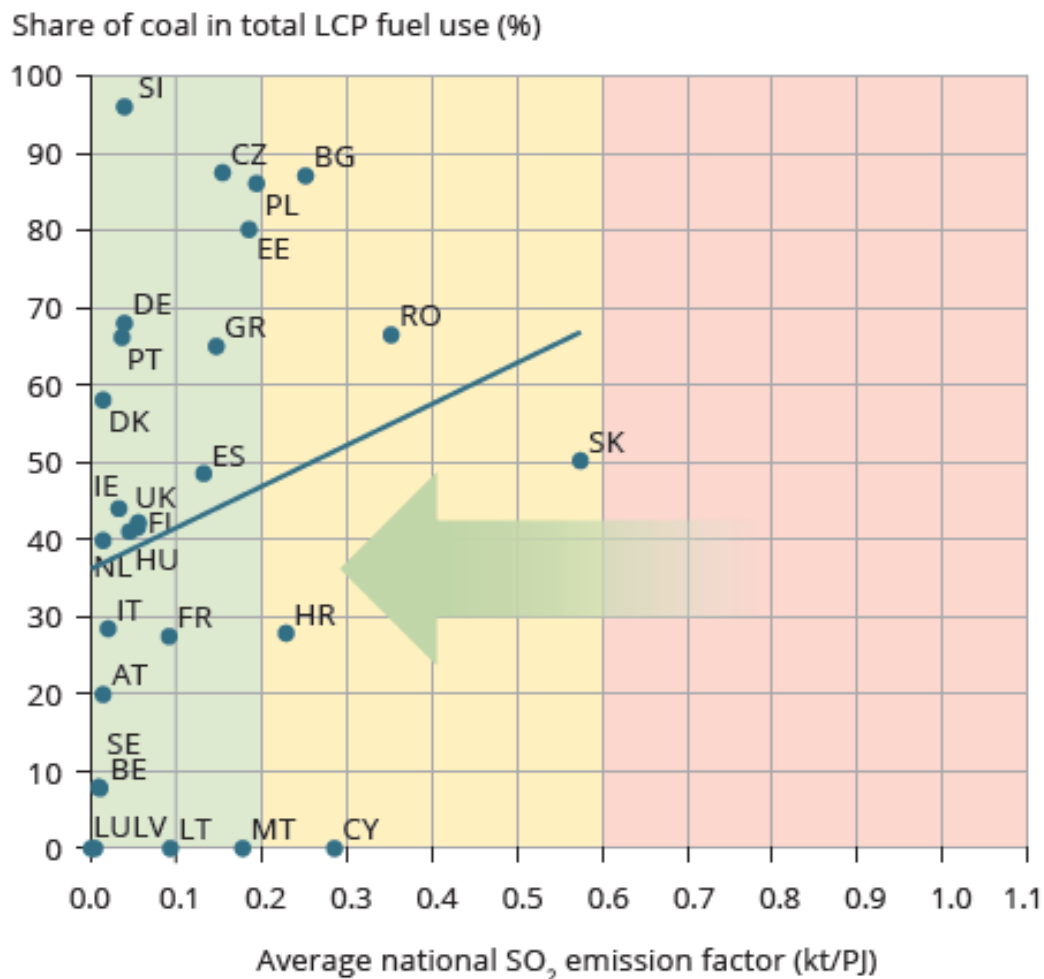
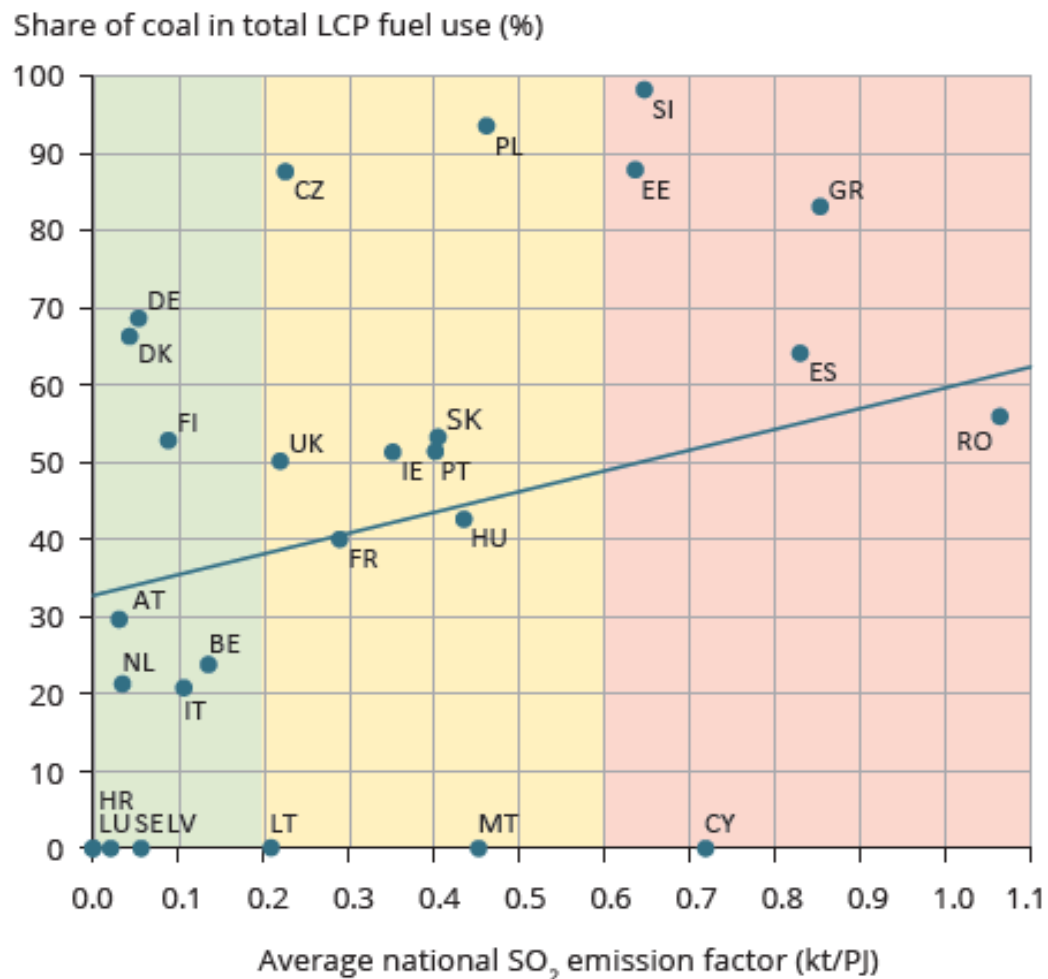


La transición industrial hacia modelos sostenibles

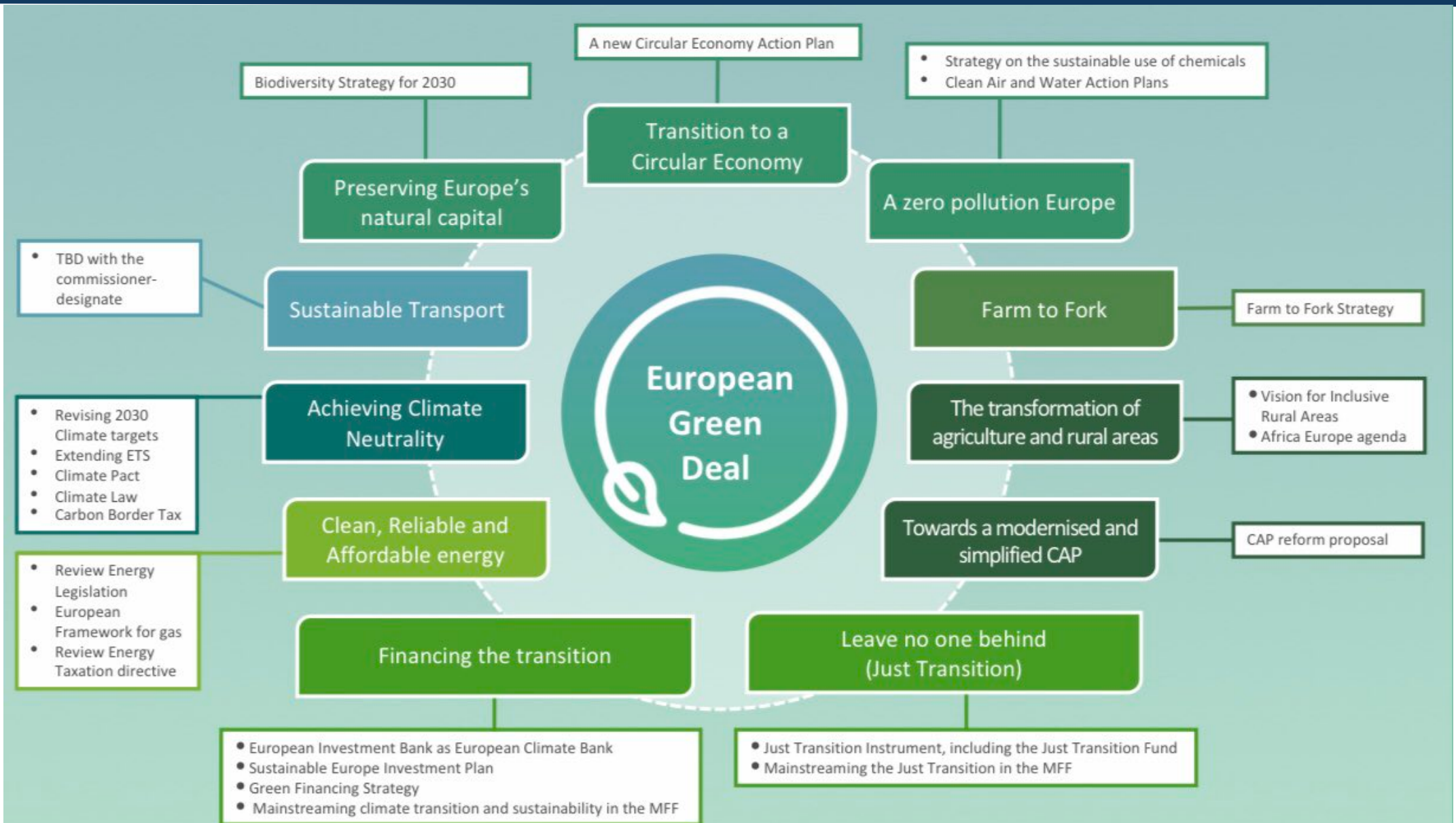


Bridging differences across countries – the EU at work

Figure 3.1 National average SO₂ IEF versus share of coal use, in 2004 (left) and 2015 (right)



Reporting helps taking the right decisions

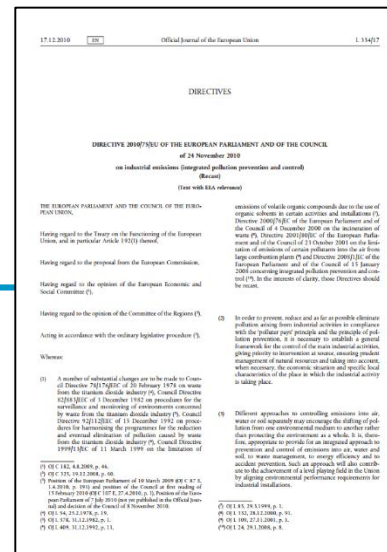
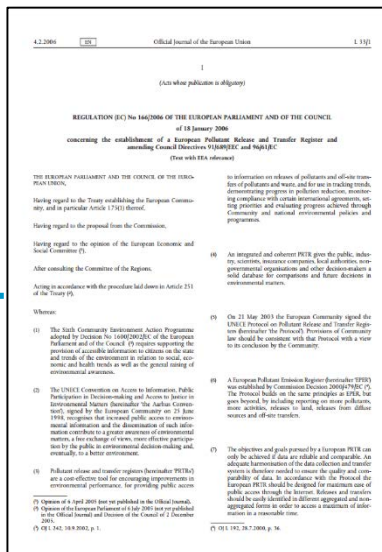
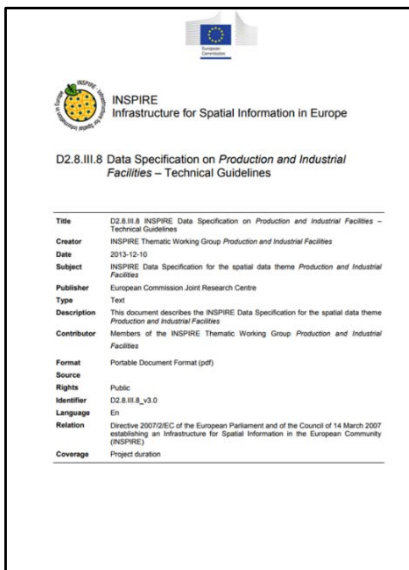


Obligaciones (*medioambientales*) de reporte en el contexto industrial



Annual EU
Greenhouse
gas inventory

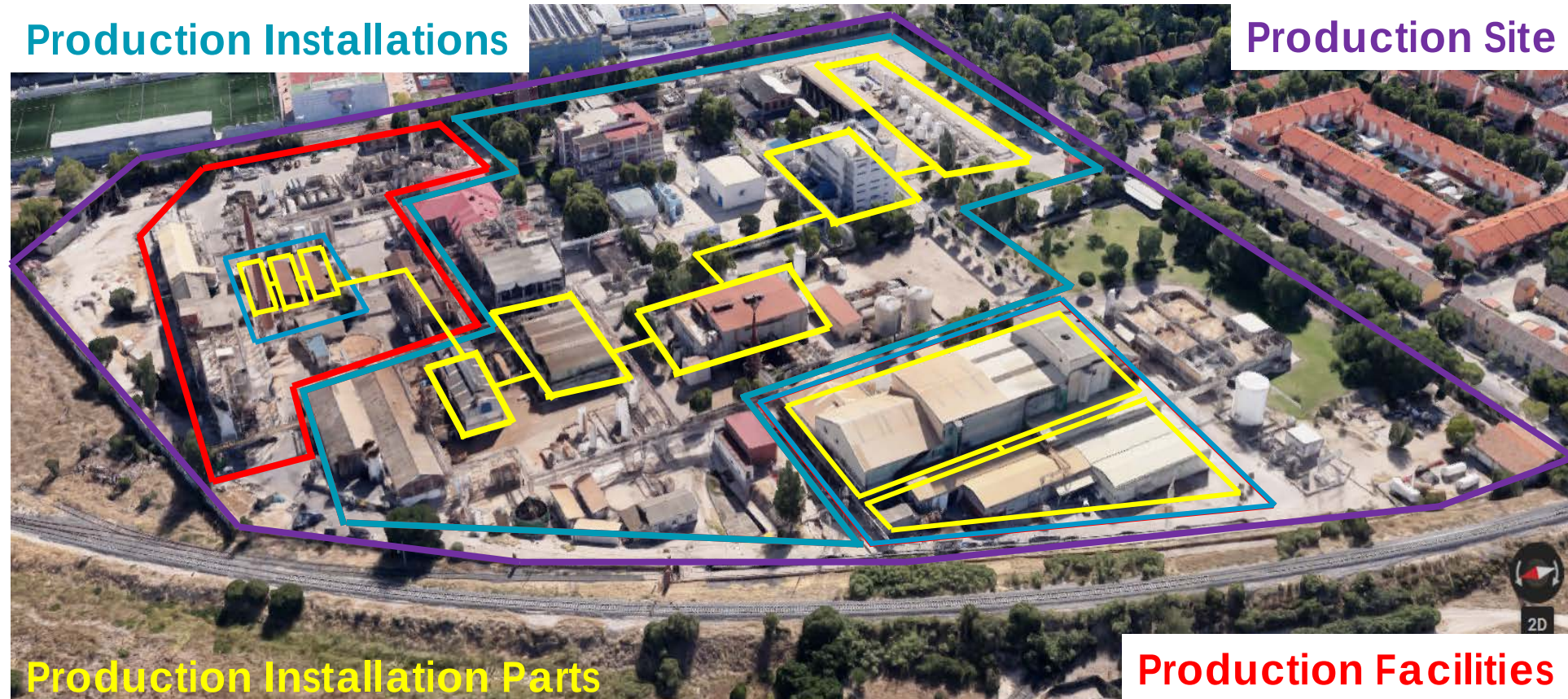
Un modelo de datos flexible para integrar varios reportes



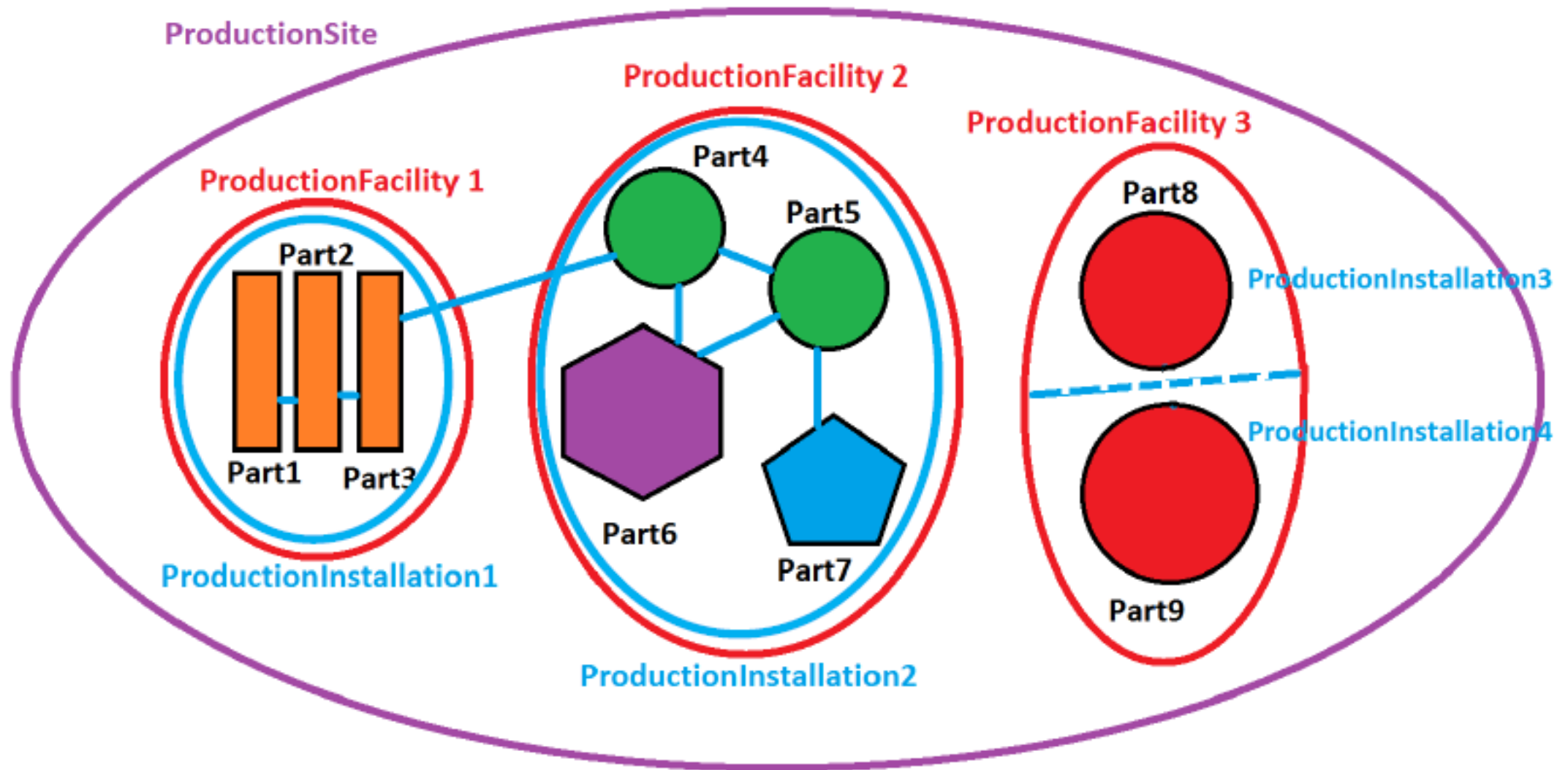
EU Registry	INSPIRE	E-PRTR	IED
ProductionSite	Correlation	Correlation	No definition provided
ProductionFacility	Correlation	Correlation	No definition provided
ProductionInstallation	Correlation	Correlation	Correlation
ProductionInstallationPart	Correlation	No definition provided	Correlation



Capas del Registro Europeo



Capas del Registro Europeo

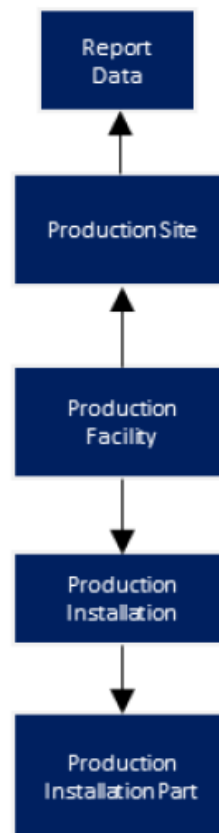


Futuras integraciones son posibles

3. Identify unnecessary attributes in the full data model for each INSPIRE feature type (e.g., Production Installation Part)



4. Streamlined view of the data model (contains only feature types and attributes relevant to the EU Registry)

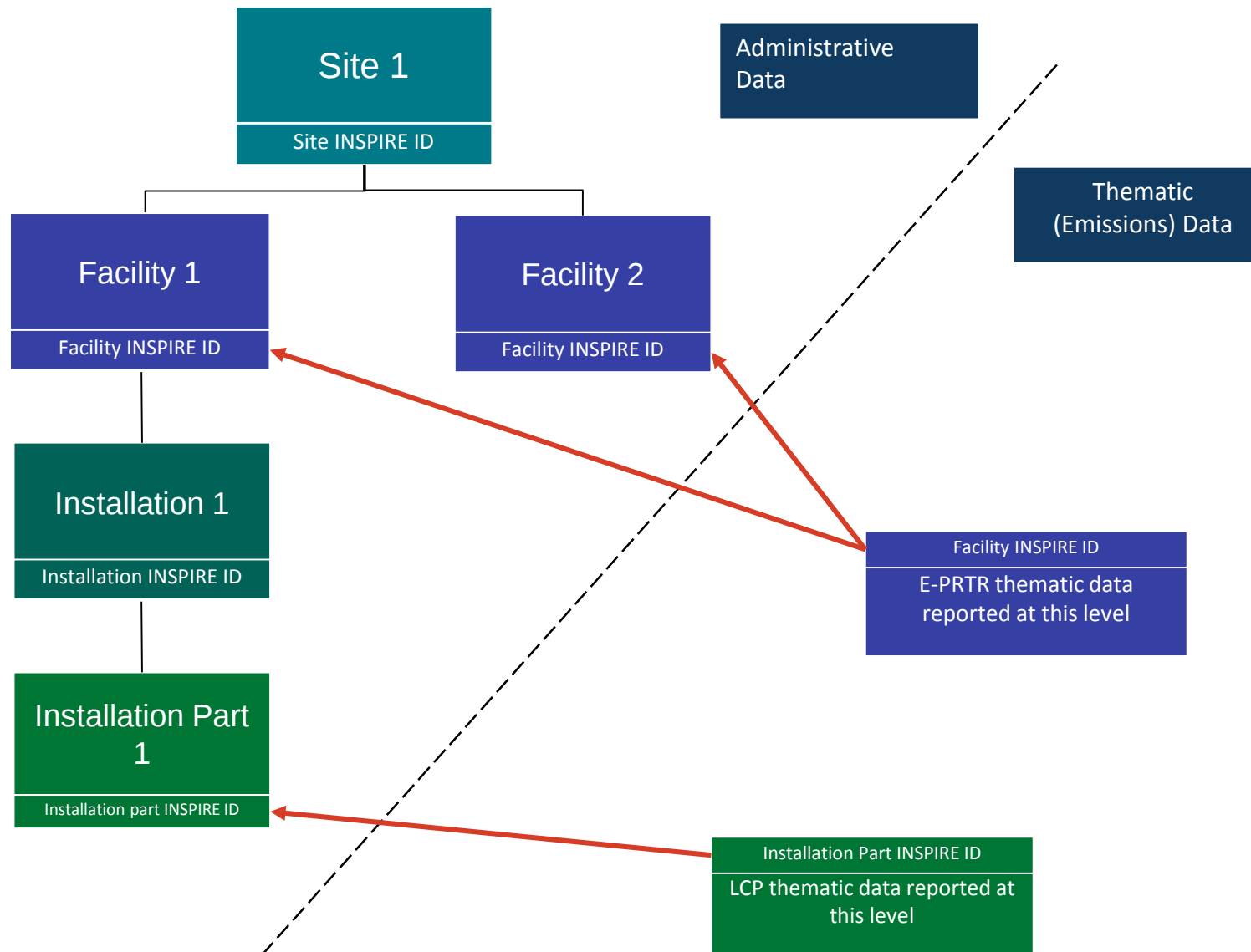


Convention on Long-range Transboundary Air Pollution
emep Co-operative programme for monitoring and evaluation of the long-range transmissions of air pollutants in Europe

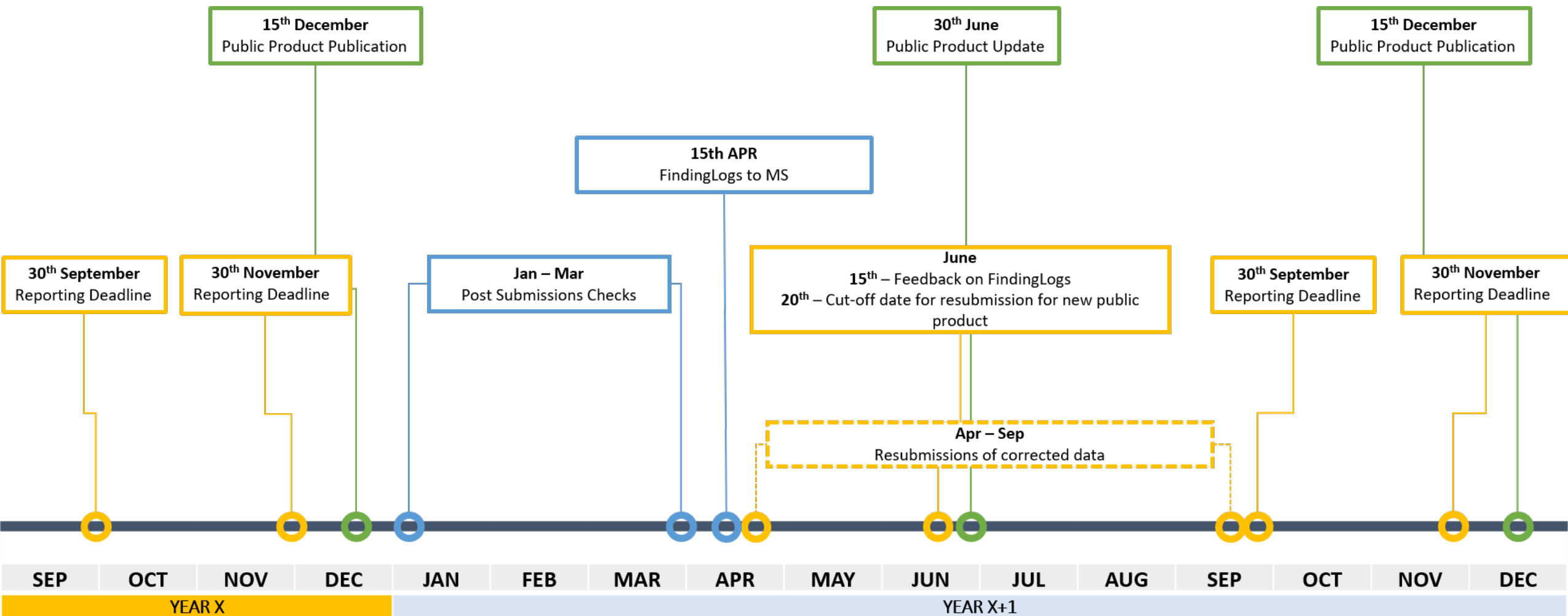
EUETS



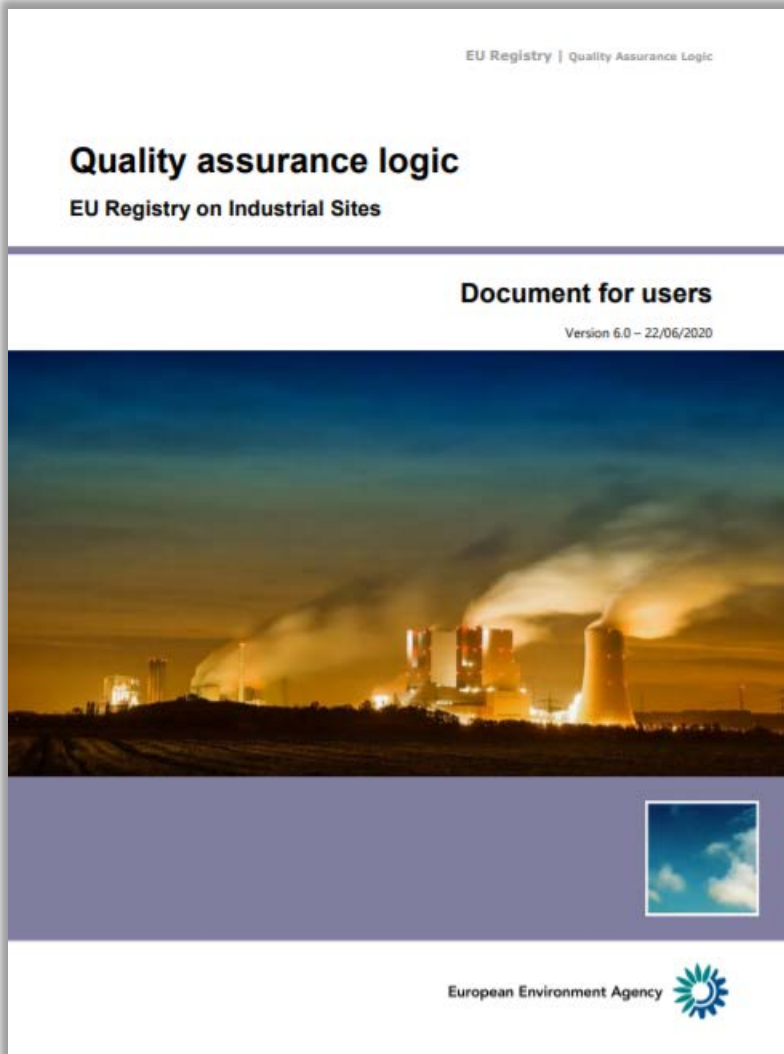
Una base de datos de referencia + reportes tematicos



Un proceso unificado



Un paso adelante en la calidad de los datos



Un paso adelante en la calidad de los datos

Overview History **Data quality**

Results of automatic data quality checks

This page displays summary information from all automatic data quality checks. To follow the "Show more.." links to the individual feedback items.

2019_28092020_175810_v1_3.xml

- **OK:** QA completed without errors. [Show more...](#)
- **WARNING:** QA completed with warnings. [Show more...](#)
- **WARNING:** QA completed with warnings. [Show more...](#)
- **INFO:** XML Schema validation passed without errors. [Show more...](#)

1. DATA CONTROL CHECKS

C1.1	2017 reporting year versus 2018 and later reporting years	0 blockers0 warnings	
C1.2	Facility Type	0 blockers0 warnings	
C1.3	Installation Type	0 blockers0 warnings	

2. CODE LIST CHECKS

C2.1	EPTRAnnexIActivity mainActivity consistency	0 blockers0 warnings	
C2.2	EPTRAnnexIActivity otherActivity consistency	0 blockers0 warnings	
C2.3	IEDAnnexIActivity mainActivity consistency	0 blockers0 warnings	
C2.4	IEDAnnexIActivity otherActivity consistency	0 blockers0 warnings	
C2.5	CountryId consistency	0 blockers0 warnings	
C2.6	reasonValue consistency	0 blockers0 warnings	
C2.7	FacilityType consistency	0 blockers0 warnings	
C2.8	InstallationType consistency	0 blockers0 warnings	
C2.9	BaselineReport consistency	0 blockers0 warnings	
C2.10	BATConclusion consistency	0 blockers0 warnings	
C2.11	BATAEL consistency	0 blockers0 warnings	
C2.12	Article51 consistency	0 blockers0 warnings	
C2.13	ConditionOfFacility consistency	0 blockers0 warnings	

Un producto unico para el publico

Dynamic filter

Reporting year

Select reporting year ▼

Industry

Select industry ▼

Clear Filters

Quick facts

EU Quick facts

131527 reporting sites (all years)



Un producto unico para el publico

ENERGÍAS DE LA MANCHA S.A. (ENEMANSA)

Site contents

1 Facility
1 Installation
1 Large combustion plant

Pollutant emissions

Brominated diphenylethers (PBDE), Aldrin, Chlorpyrifos, Benzo(g,h,i)perylene, 1,1,2,2-tetrachloroethane (TETRACHLOROETHANE-1,1,2,2), Hydrochlorofluorocarbons (HCFCs), Atrazine, 1,2-dichloroethane (DCE-1,2), Carbon dioxide (CO2), Arsenic and compounds (as As), Carbon monoxide (CO), Chlorides (as total Cl), Alachlor, 1,1,1-trichloroethane (TCE-1,1,1), Heptachlor, Black Carbon (BC), Isodrin, Cyanides (as total CN), Chromium and compounds (as Cr), Asbestos

Regulatory information

Inspections in 2017: 1

Site Details

CT Biomasa Energías de la Mancha

This large-scale fuel combustion plant is linked to:
ENERGÍA...EMANSA)(ES.CAED/007252000.FACILITY)

Plant Type

LCP

Total rated thermal input

55

Untreated municipal waste treated

no

Specific conditions apply?

no

Significant hazardous waste incinerated

no

Nominal capacity

unspecified

Pollutant releases

LCP

(All)

kg

840

2017

2018

Pollutant name	2017	2018
Nitrogen oxides (NOX)	840	840

Last report was submitted on:
24 Sep 2020

EPRT reporting year
2017

List of facilities

ES.CAED/007252000.FACILITY

Coordinates

39° 01' 48" N 3° 26' 27" W

NUTS Region

Centro (Es), Castilla-La Mancha, Ciudad Real

National ID

007252000.SITE

River Basin District

GUADIANA

Main Activity

1(c) Thermal power stations and other combustion installations

Competent Authority ⓘ

No information provided about competent authority

Pollutant releases

Select Facility

ENERGÍA...EMANSA)(7252)

Select Pollutant

(All)

AIR

kg

150 000 000

100 000 000

50 000 000

0

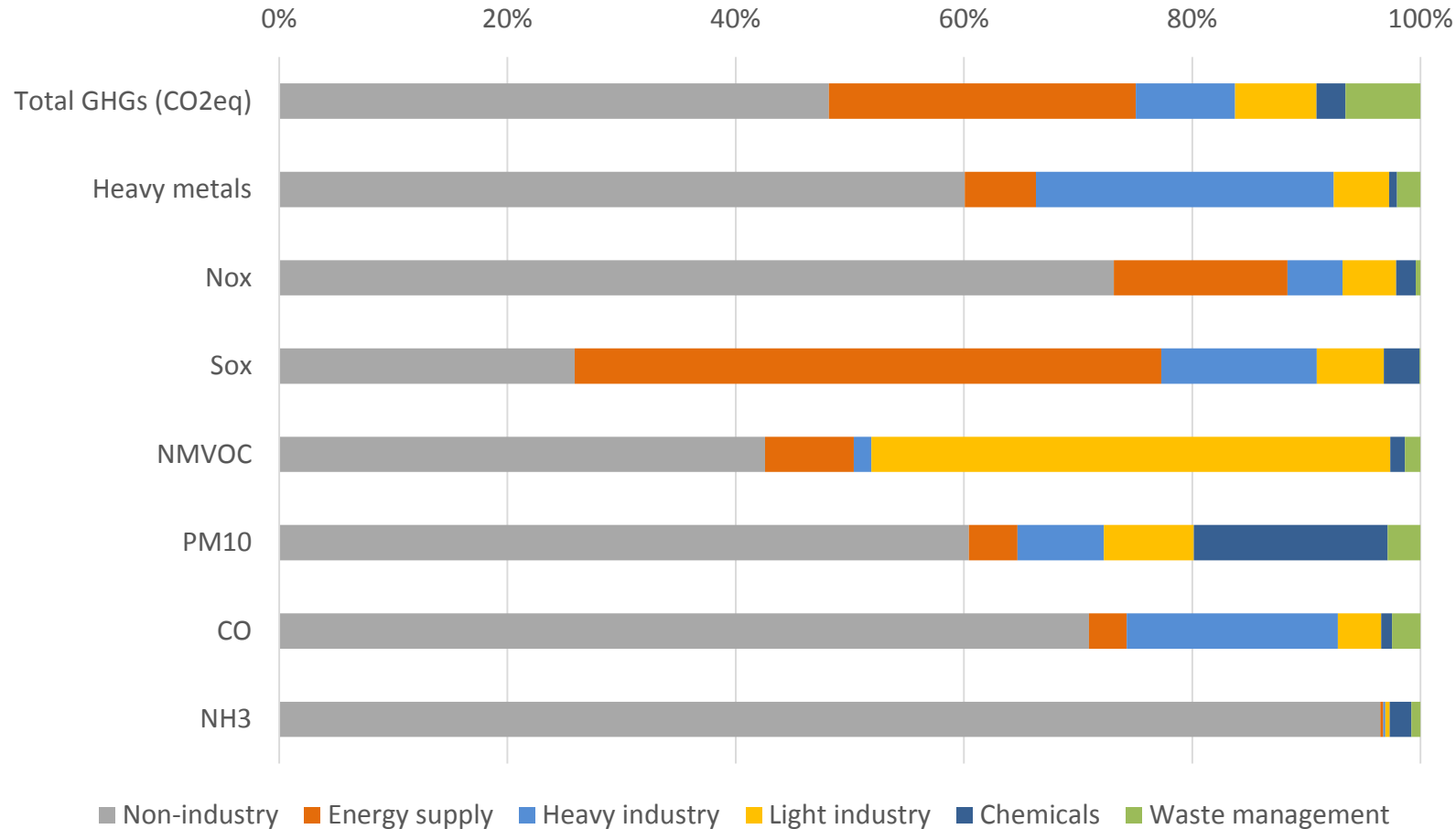
2017

2018

Pollutant Name	Method	Method used	Total
Carbon dioxide (CO2)	2017	Calculated	133 000 000
	2018	Calculated	SSC
Nitrogen oxides (NOX)	2018	Measured	CEN ISO
Non-methane volatile organic compounds (NMVOC)	2017	Calculated	115 000
	2018	Calculated	SSC

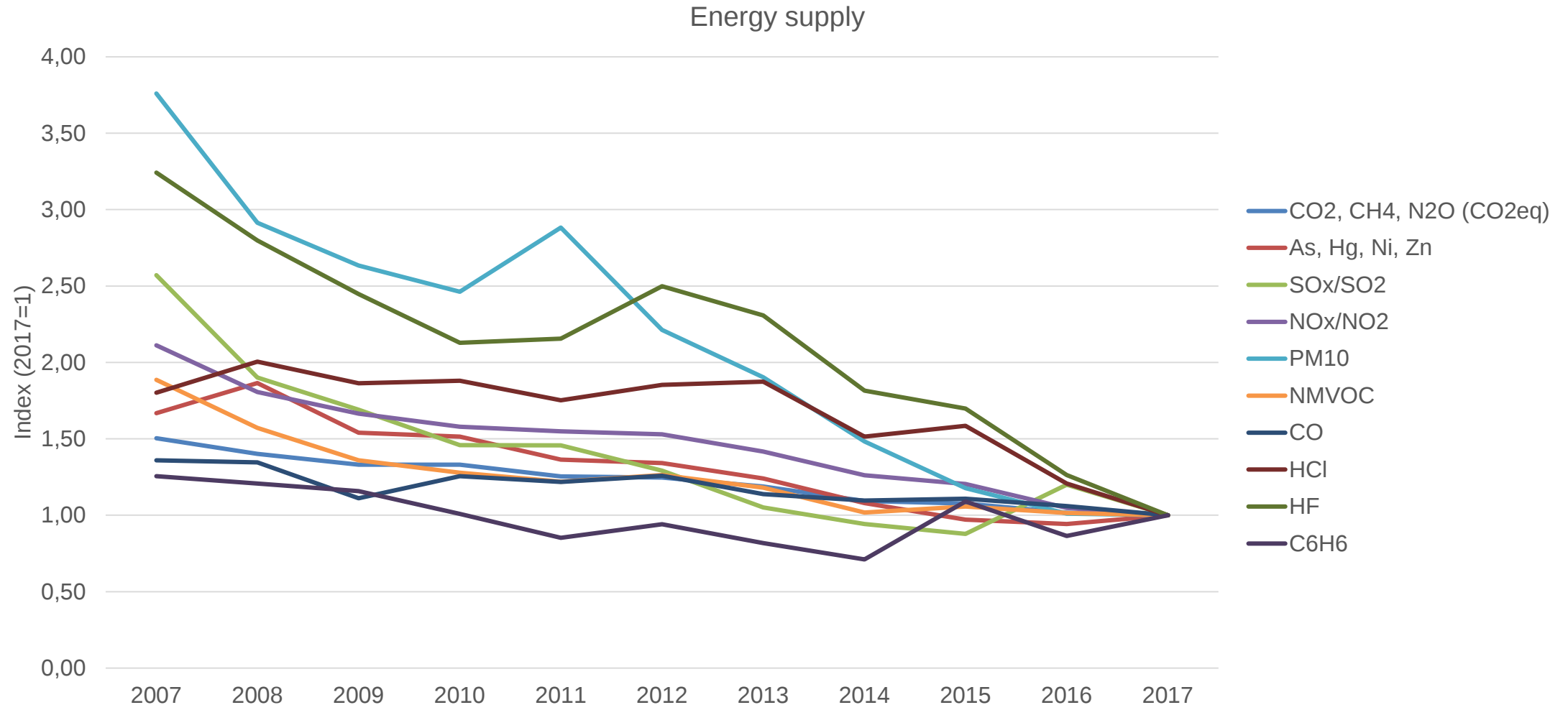
Y despues de todo esto... Que dicen los datos?

Question 1: how relevant industrial **air** emissions are compared to the rest of anthropogenic emissions?



Y despues de todo esto... Que dicen los datos?

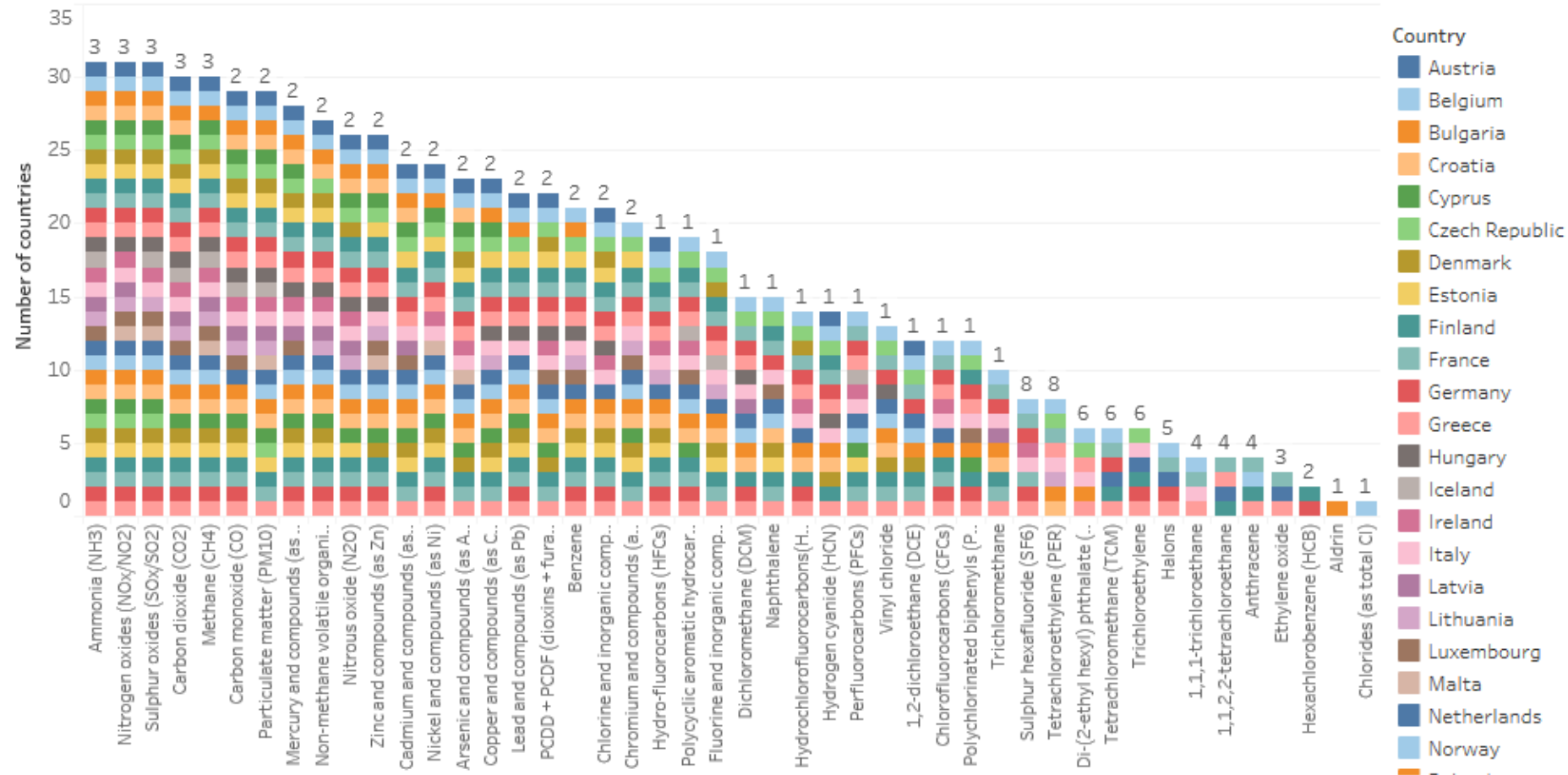
Question 2: are emissions being reduced?



Y despues de todo esto... Que dicen los datos?

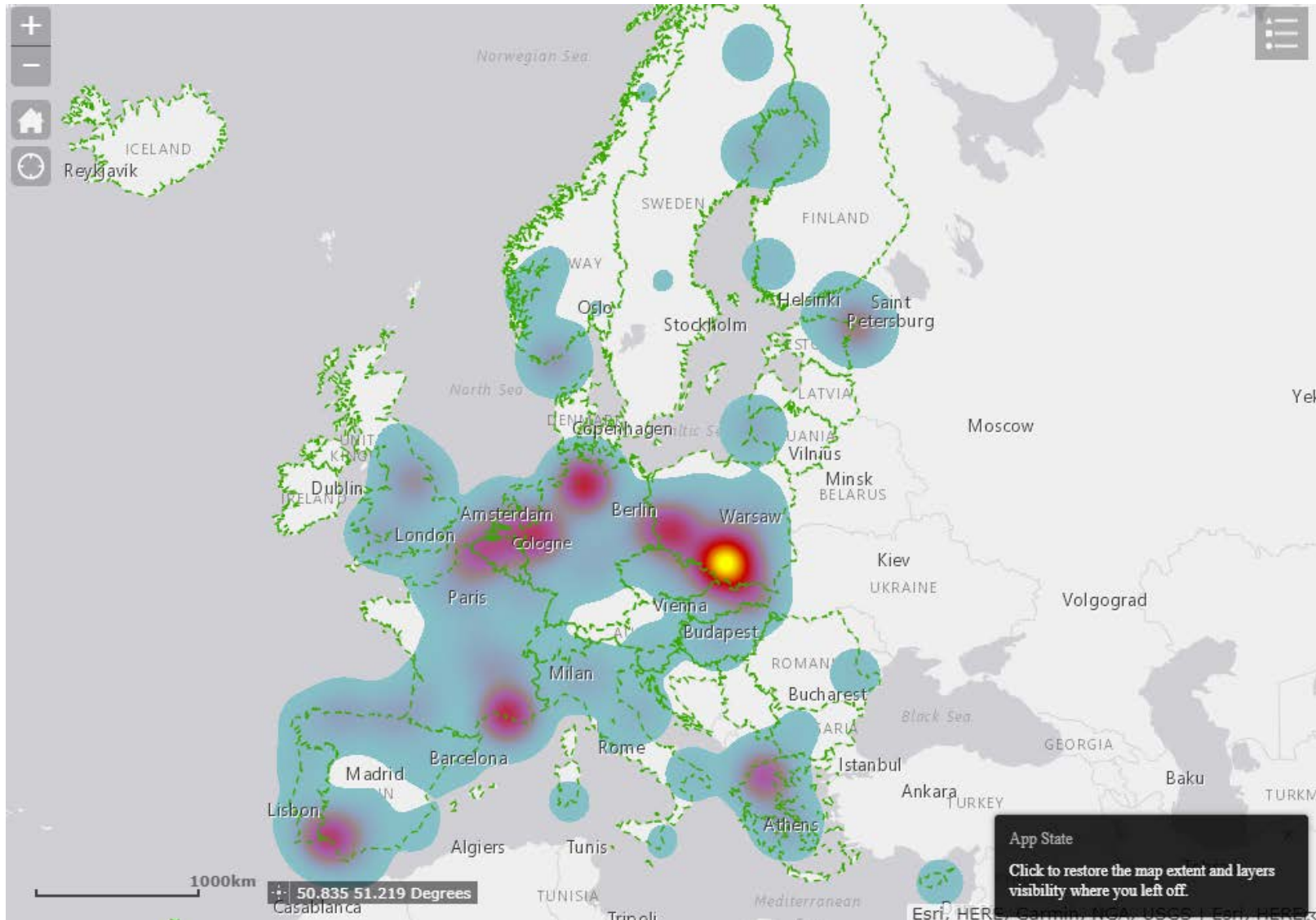
Question 3: are there data gaps for non-classical pollutants?

Number of countries reporting each pollutant as Release to Air in 2016



Y despues de todo esto... Que dicen los datos?

Question 4: how are emissions distributed?





Thank you

Daniel Montalvo | European Environment Agency - Head of Group Industry | danimontalvo@eea.europa.eu