

# Cross-cutting analysis on GHG and air pollution policies and measures (PaMs)

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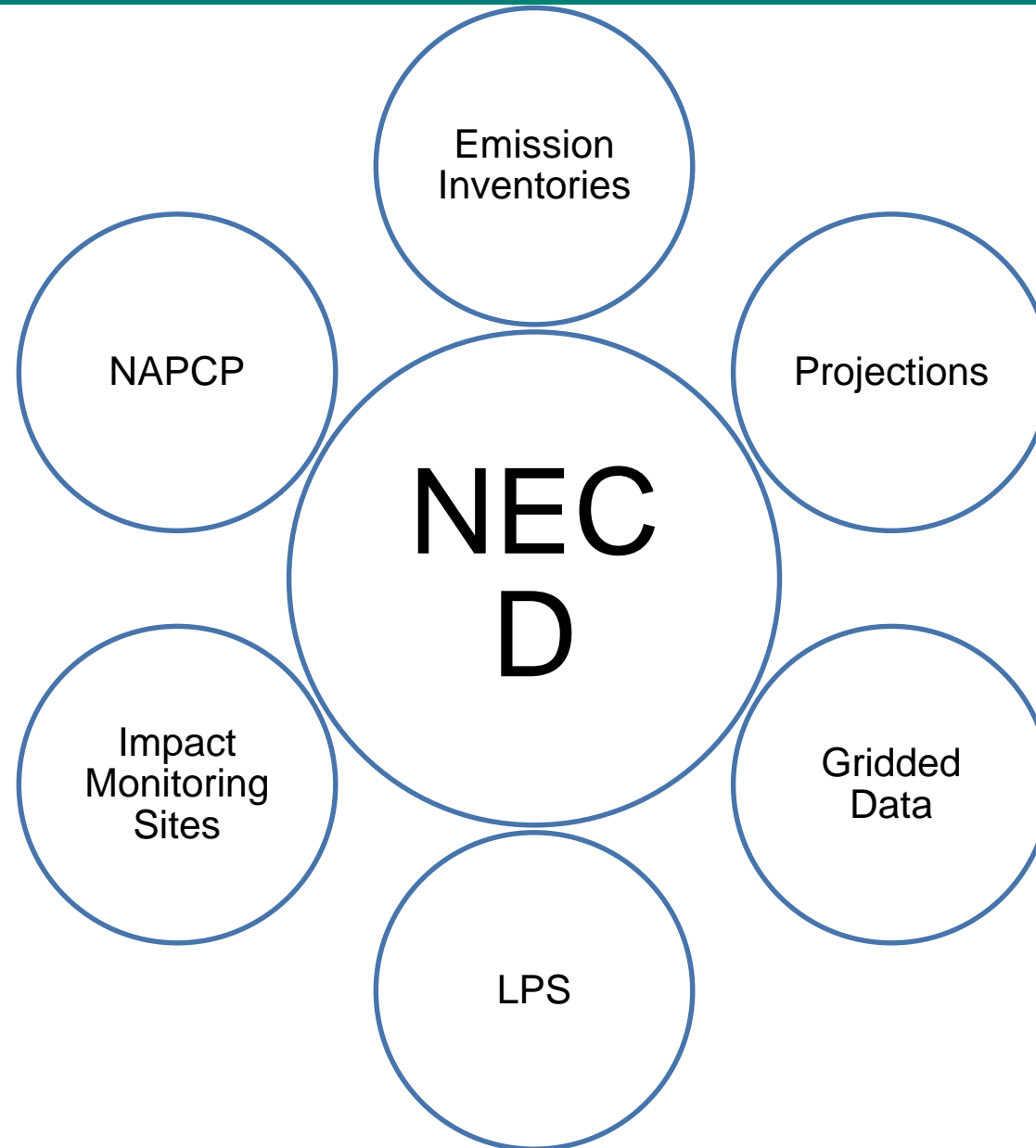
# Policy Context

# Policy Context – NEC Directive (2016/2284)

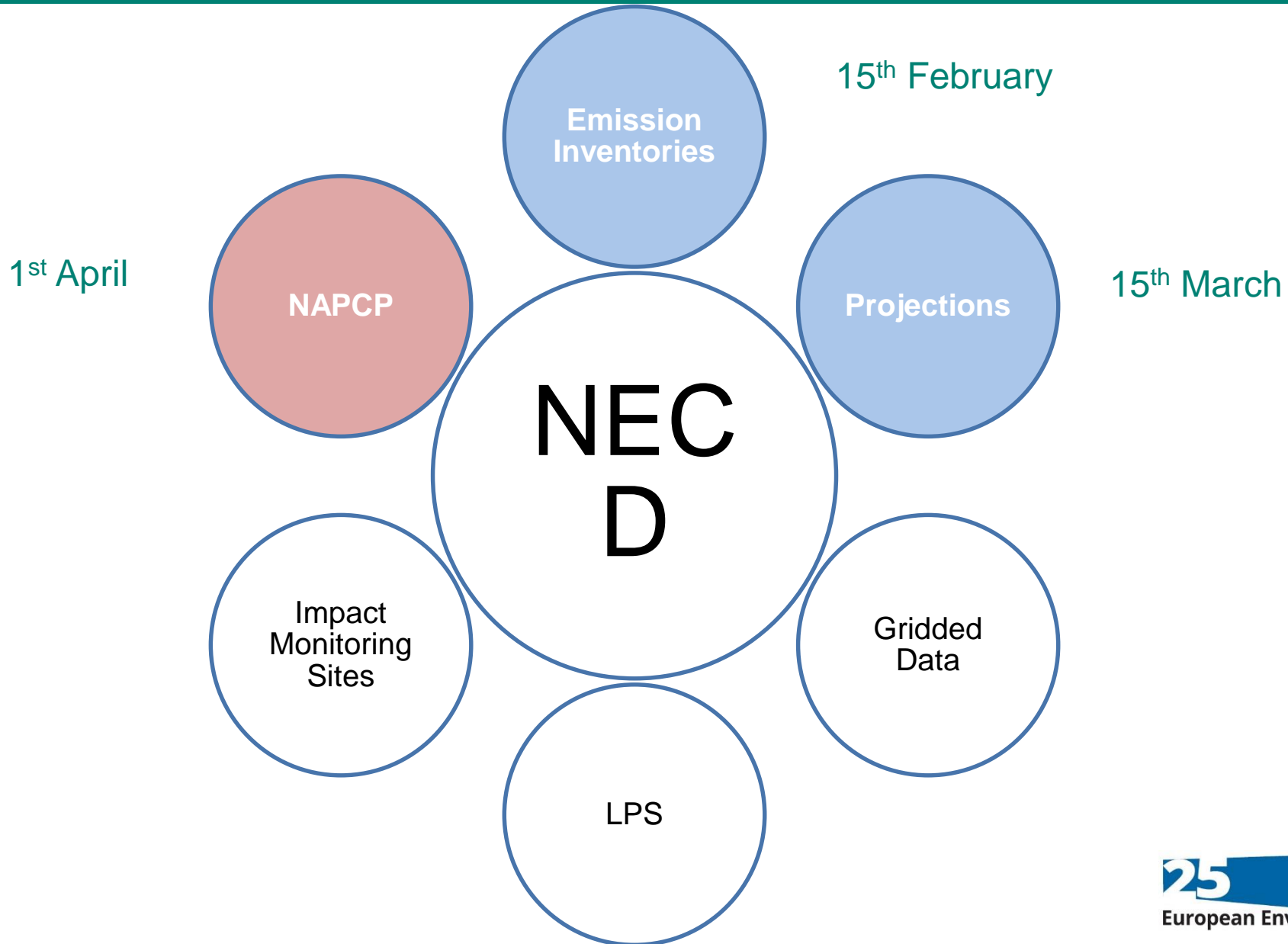
To move towards achieving levels of air quality that do not give rise to significant negative impacts on and risks to human health and the environment by establishing:

- **emission reduction commitments** for five major pollutants: **SO<sub>2</sub>**, **NO<sub>x</sub>**, **NMVOC**, **NH<sub>3</sub>** and **PM<sub>2.5</sub>** for **2020** and **2030**

# Policy Context – NEC Directive (2016/2284)



# Policy Context – NEC Directive (2016/2284)



# National Air Pollution Control Programme

- To **limit their anthropogenic emissions**
- To **assess impacts on air quality**
- To **reduce emissions** in order to reach **compliance with air quality objectives**
- To **ensure coherence** with other relevant plans and programmes

# National Air Pollution Control Programme

*[...] the policies priorities and their relationship to priorities set in other relevant policy areas, including climate change and, where appropriate, agriculture, industry and transport [...]*

Annex III, Part 1, 1(a)(ii)

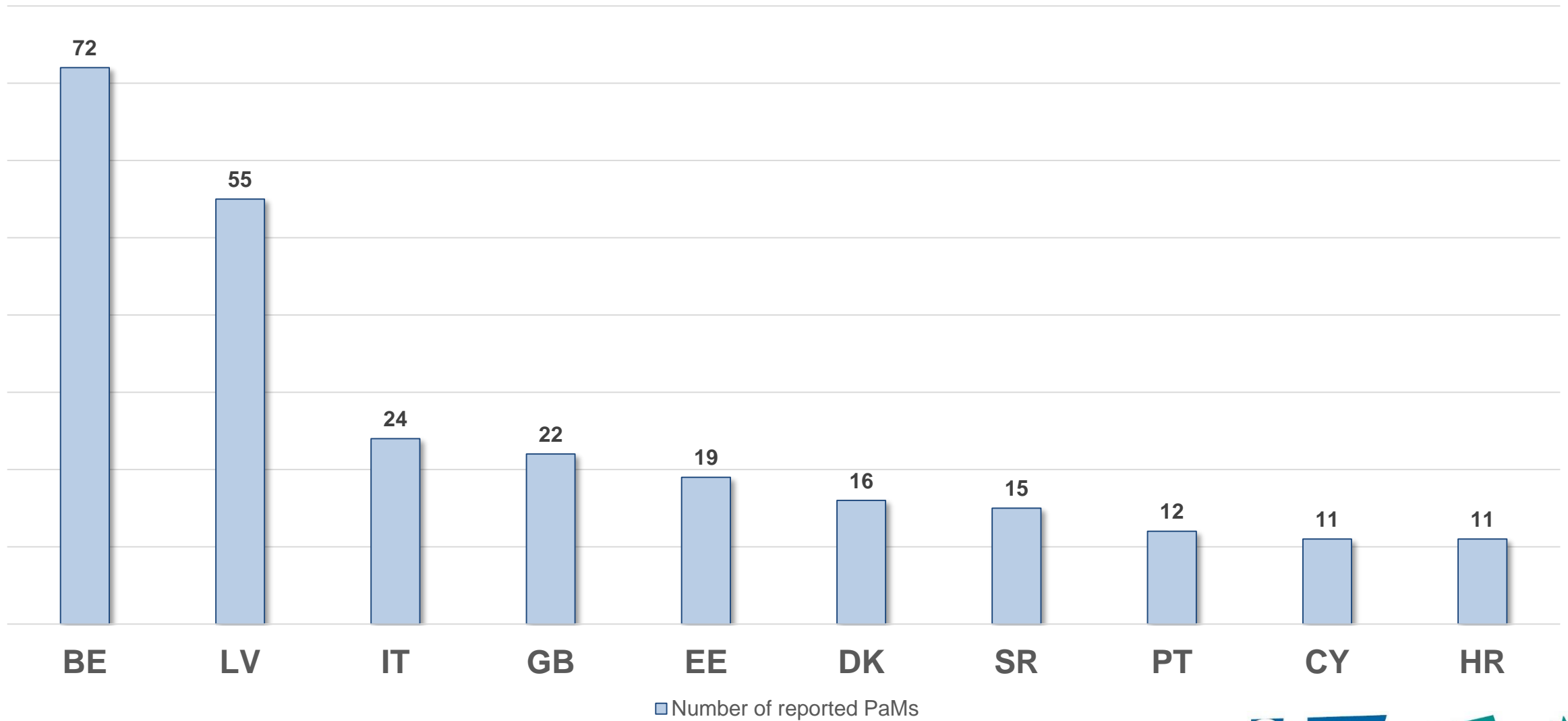


# Reporting Policies and Measures (PaMs) under the NEC Directive

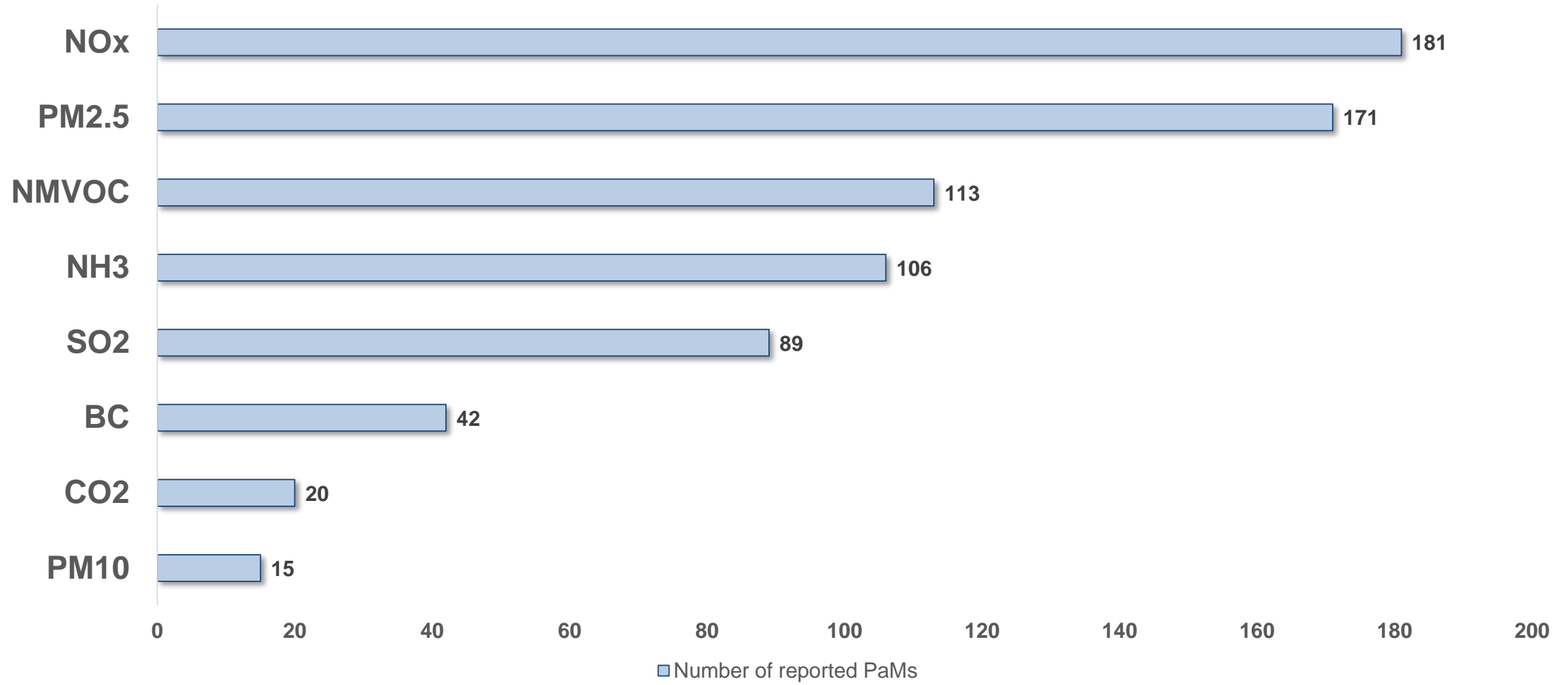
# Air Pollution PaMs have a narrow scope

- Additional measures to meet emission reduction commitments
- Potentially more in NAPCPs
- Reporting issues
  - (11\* countries have reported by 13/5 (+1 outside webtool))

# Reported PaMs – Who has reported?



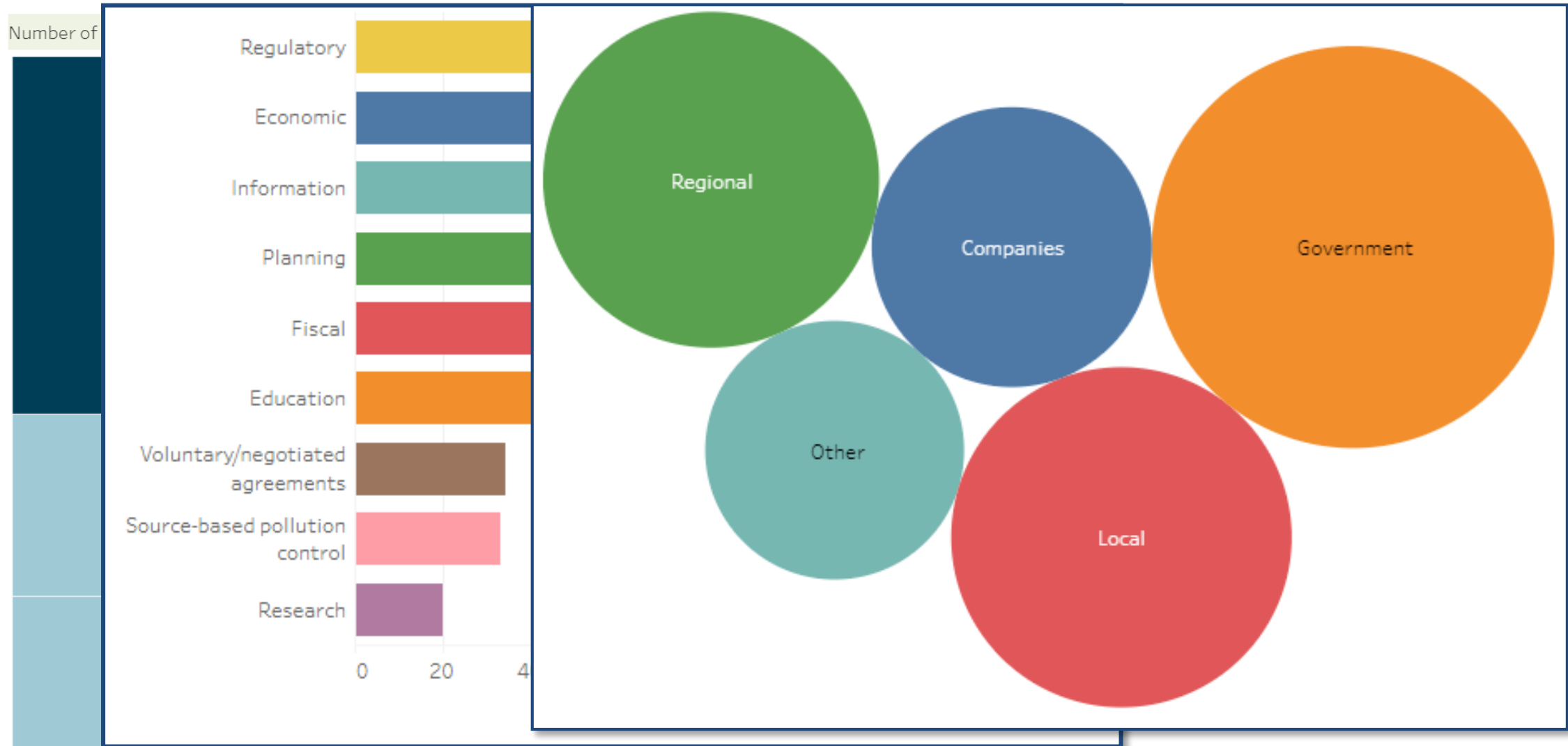
# Which pollutant has been considered



# Which are the focus?

	Agriculture	Cross-cutting	Energy consumption	Energy Supply	Industrial Processes	Other	Transport	Waste management
Belgium	8%	7%	43%	7%	7%	6%	28%	1%
Croatia	64%	27%	18%	9%	9%		18%	9%
Cyprus	9%		36%	45%	9%		18%	
Denmark	38%			19%			44%	
Estonia	26%		5%	11%			58%	
Italy	25%		38%	13%			25%	
Latvia	25%	7%	24%	22%	13%	4%	22%	2%
Portugal	8%		8%	17%		8%	58%	
Sweden	20%		13%	7%	27%		40%	
United Kingdom	32%	18%		18%	23%		36%	

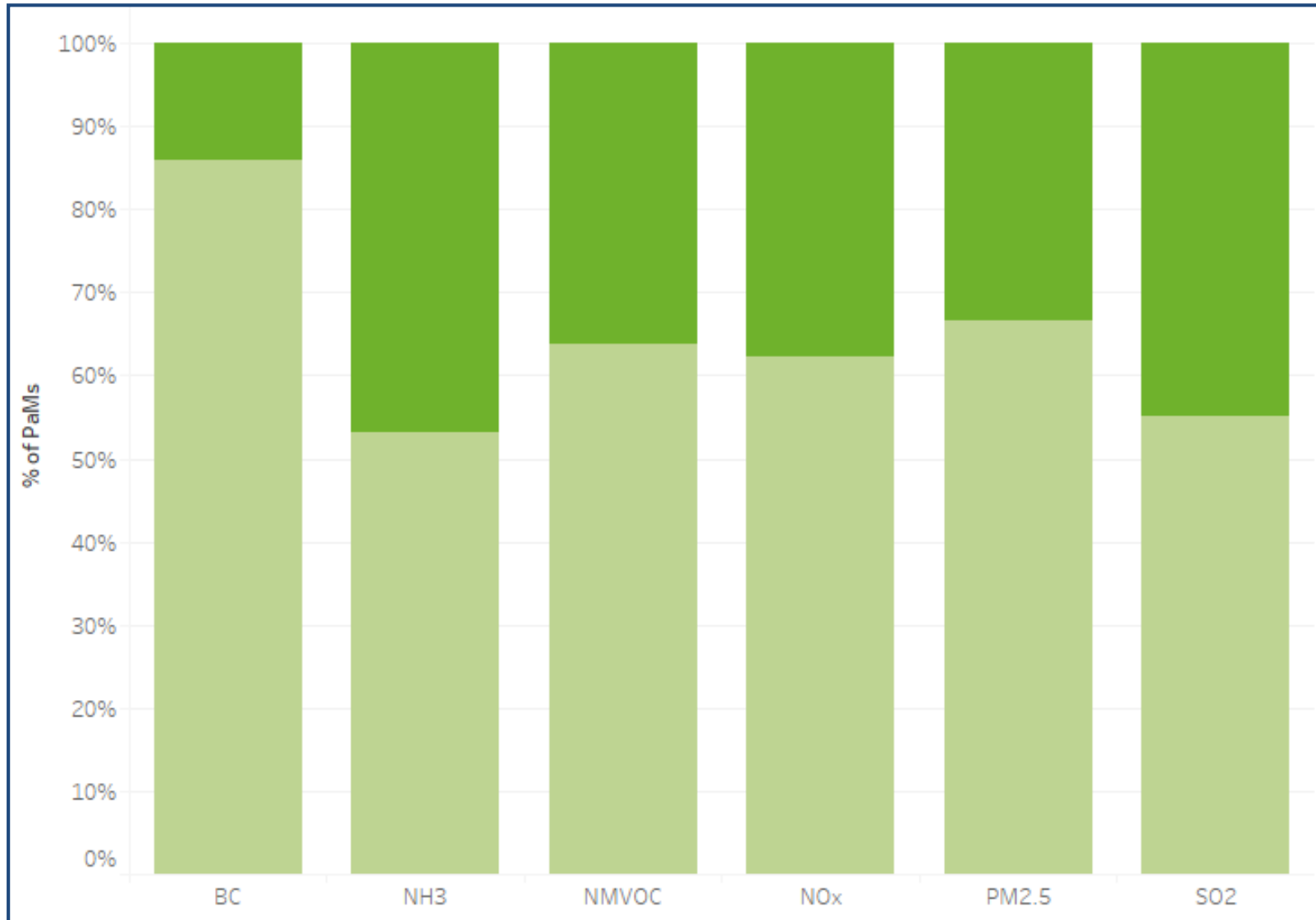
# NECD PaMs Dataviewer



[Link to tableau viewer](#)



# NECD PaMs Dataviewer



[Link to tableau viewer](#)

**Quantified  
emission  
reduction**

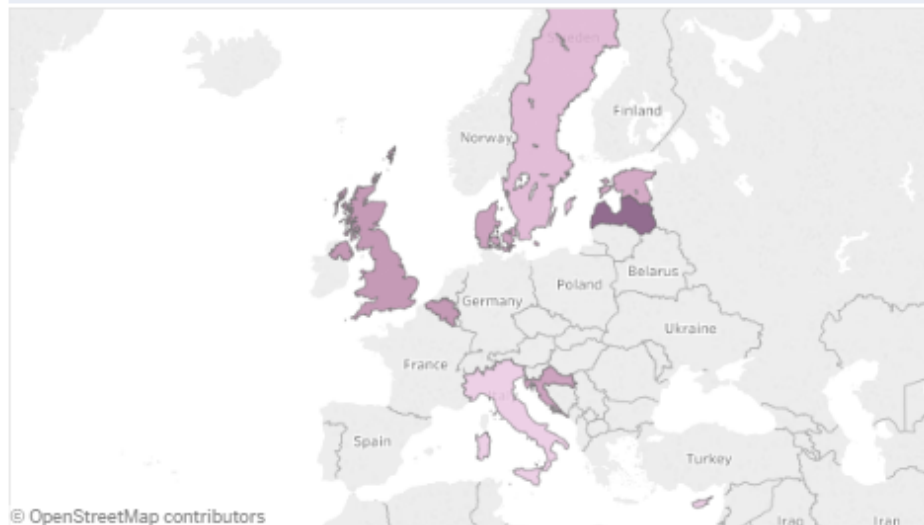
Light green means no  
assessment available yet

# NECD PaMs Dataviewer

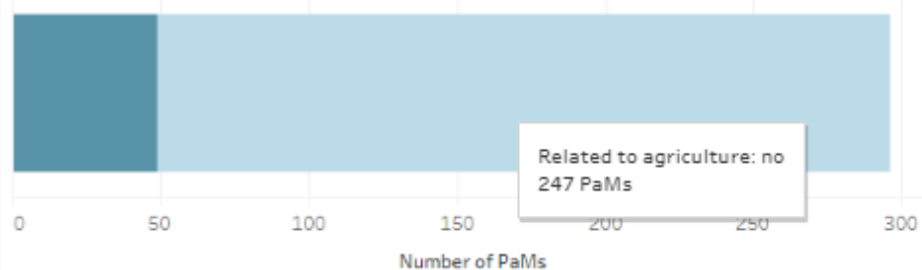
## Additional air pollutant PaMs related to agriculture considered under the NECD

This sheet presents summary information reported through Table 2.6.4 of the Commission Implementing Decision 2016/1522, concerning additional details of the measures from Annex III Part 2 to Directive (EU) 2016/2284 targeting the agricultural sector to comply with emission reduction commitments.

### Agricultural additional PaMs by Member State



### Share of additional PaMs related to agriculture



Is the PaM agricultural related?

■ yes ■ no

The tables below contain the high level questions related to agriculture PaMs from the NECD questionnaire, showing the number of PaMs for each answer. Click on a Member State on the map to filter all of the tables. Click your selection again to reset.

Table 2.6.4 A - Measures to control ammonia emissions

Member State	Establishment of national advisory code to control ammonia?	Establishment of national nitrogen budget?	Prohibit use of ammonium carbonate fertilisers?	Reduce emissions from inorganic fertilisers?	Reduce ammonia emissions from livestock manure?	
Belgium	no	no	no	no	no	1
				yes	yes	4
				yes	no	1
Croatia	no	no	no	no	yes	1
				yes	no	6
Cyprus	yes	no	no	yes	yes	1



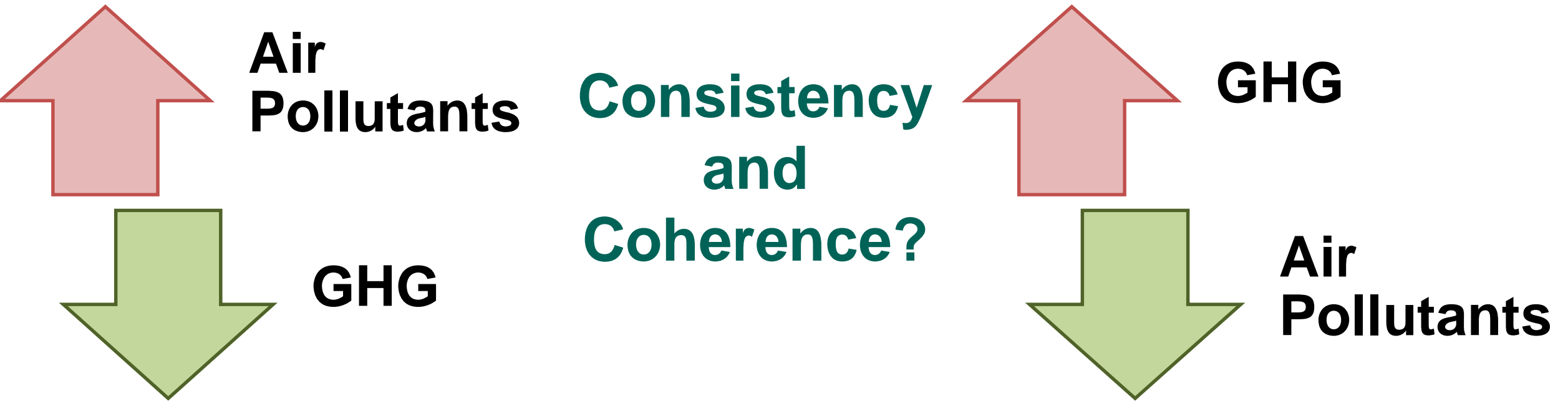


# Comparison between Air Pollution and Climate Change Mitigation Policies

# Air Pollution vs. Climate Change Mitigation



# Air Pollution vs. Climate Change Mitigation



# Comparing NECD and MMR Reporting

Type of PaM	Reporting requirement	
	MMR	NECD
Historic (expired)	Detailed information through the webtool where relevant	Not required
Active (implemented)	Detailed information through the webtool	Within the NAPCP (usually PDF file). No requirement to report individually or in detail.
Selected for adoption	Not required	Detailed information through the webtool
Considered but not selected for adoption	Not required	Detailed information through the webtool
Adopted or planned for implementation	Detailed information through the webtool	Optional reporting through webtool

# Methodology to assess NECD and MMR PaMs

- Step 1 – assess NECD PaMs
- Step 2 – map the mandatory data fields

# Methodology to assess NECD and MMR PaMs

MMR	NECD	MMR mandatory	NECD mandatory
Name of PAM	PaM Name	Yes	Yes
PaM ID	PaM ID	Yes	Yes
	Related to AQ/MMR?		No
Short description	Short description	Yes	Yes
Sector affected	Sector	Yes	Yes
GHG(s) affected	NECD pollutant	Yes	Yes
Objective	Objective	Yes	Yes
Quantified objective		No	
Type of policy instrument	Type of policy instrument	Yes	Yes
Implementation Start	Implementation Start	Yes	Yes
Implementation Finish	Implementation Finish	No	Yes
Implementation Status		Yes	
Beyond ESD?		Yes	
Union policy related	Union policy related	Yes	No
Which Union policies	Which Union policies	Yes	No
Projections Scenario	Projections Scenario	Yes	No
	Uncertainties		No
Implementing entity type	Implementing entity type	Yes	Yes
Implementing entity names	Implementing entity names	Yes	Yes



# Methodology to assess NECD and MMR PaMs

- Step 3 – analyse common data fields
- Step 4 – map the optional data fields to assess potential for analysis
- Step 5 – review NAPCPs for potential further analysis
- Step 6 – identify good practice in NAPCP reporting



# Next Steps

- Take stock of reporting from Member States
- Evaluation of available reported information
- Provide a first draft evaluation



# Thank you

