

INSPIRE conference 2018
Antwerp 19. September 2018

Actions on streamlining environmental reporting – the EEA/Eionet contribution

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Actions to streamline environmental reporting - COM (2017) 312*

Action	EEA/ Eionet involvement
1 Amend legislation	-
2 Change reporting obligations	Support through rolling work programme
3 Modernise e-Reporting	Core of Reportnet 3.0 project
4 Develop test tools for harvesting	Sharing of EEA experiences
5 Guidance for national IS	Sharing Eionet experiences
6 Promote INSPIRE	Through INSPIRE MIG and Reportnet 3.0
7 Better use of Copernicus data	Sharing land and in-situ experiences
8 Promote citizen science data	Support on guidelines
9 Cooperate with other thematic areas	Linked to Reportnet 3.0 project
10 Wider international streamlining	Trilateral UNECE, UNEP, EEA

* http://ec.europa.eu/environment/legal/reporting/fc_actions_en.htm

I - Action 1 – Amend legislation

Alignment of reporting obligations (with **EEA-Eionet** relevance):

1. Directive 86/278/EEC (Sewage Sludge Directive)
2. Directive 2002/49/EC (Environment Noise Directive);
3. Directive 2004/35/EC (Environment Liability Directive - ELD);
4. Directive 2007/2/EC (INSPIRE Directive — Infrastructure for spatial information);
5. Directives 2009/147/EC and 92/43/EEC (i.e. Birds and Habitats Directive);
6. Directive 2010/63/EC (Animal Testing Directive);
7. Regulation (EC) No 166/2006 (European Pollutant Release and Transfer Register Regulation (E-PRTR));
8. Regulation (EU) No 995/2010 (EUTR)
9. Council Regulation (EC) No 338/97 (CITES)
10. Council Regulation (EC) No 2173/2005 (FLEGT Regulation)

Source: EC proposal for a REGULATION OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL on the alignment of reporting obligations in the field of environment policy and thereby amending Directives 86/278/EEC, 2002/49/EC, 2004/35/EC, 2007/2/EC, 2009/147/EC and 2010/63/EU, Regulations (EC) No 166/2006 and (EU) No 995/2010, and Council Regulations (EC) No 338/97 and (EC) No 2173/2005

I - Action 2 - Change reporting obligations

- EC Fitness check environmental reporting (Ref. 2016)
 - 58 pieces of EU environmental legislation
 - 181 reporting obligations
 - 181+ data flows
- Current **EEA** involvement in reporting process*
 - 108 data flows with delivery process managed by EEA (ROD)
 - belonging to 29 different legal instruments, of which 18 are mentioned in the Fitness Check environmental reporting

*see <http://rod.eionet.europa.eu/obligations?anmode=F>

II - Role of EEA-Eionet in the reporting process

DG Environment 10 step guidance*

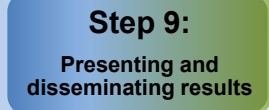
Legislation



DG ENV

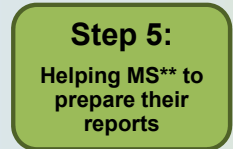


Feedback loop:
lessons learnt

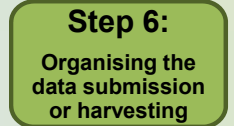


"data dissemination"

With some EEA involvement



"data collection"

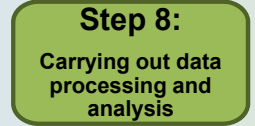


"data acquisition"

Feedback loop:
update, corrections,
re-submissions



"data acquisition"



"data processing"

Data management

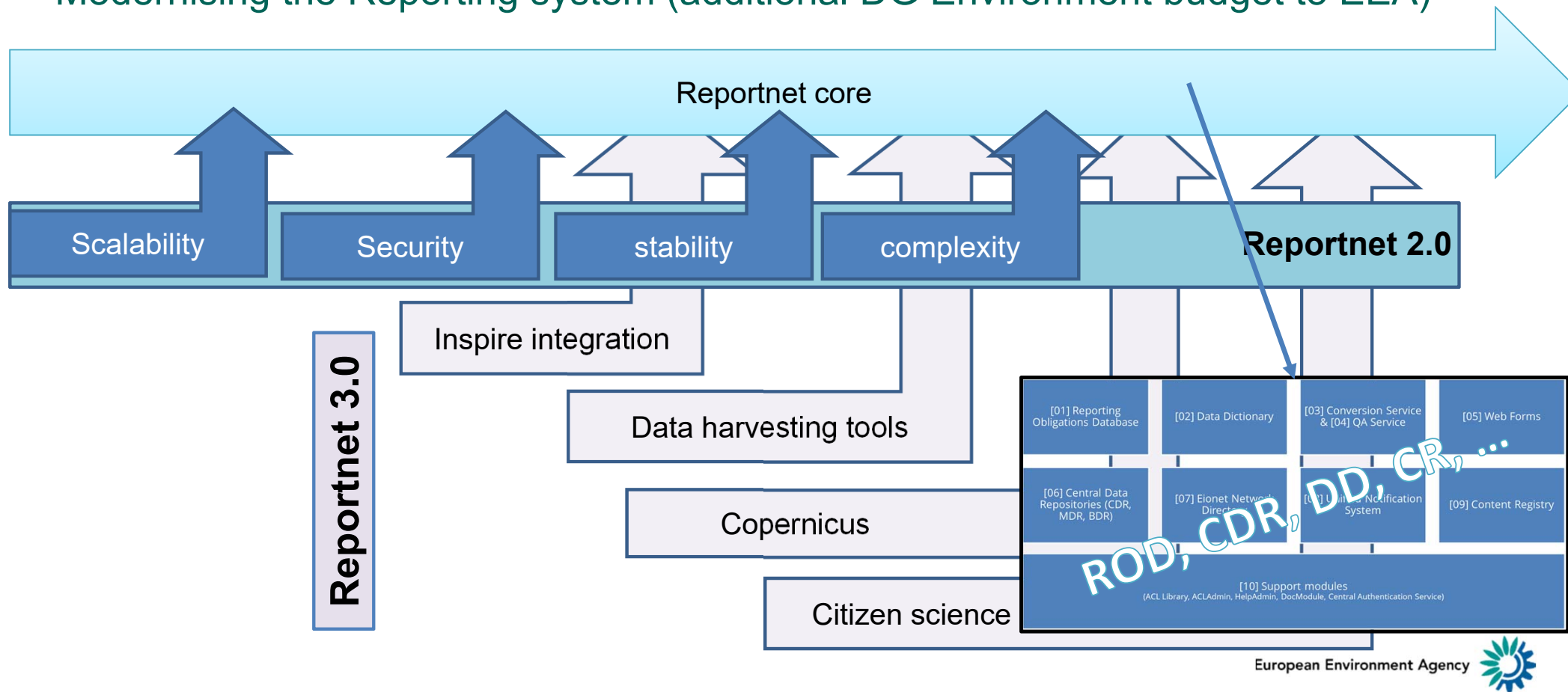
Within EEA responsibility

* Adapted DG ENV diagram 2018

** MS means relevant national authority responsible for environmental reporting

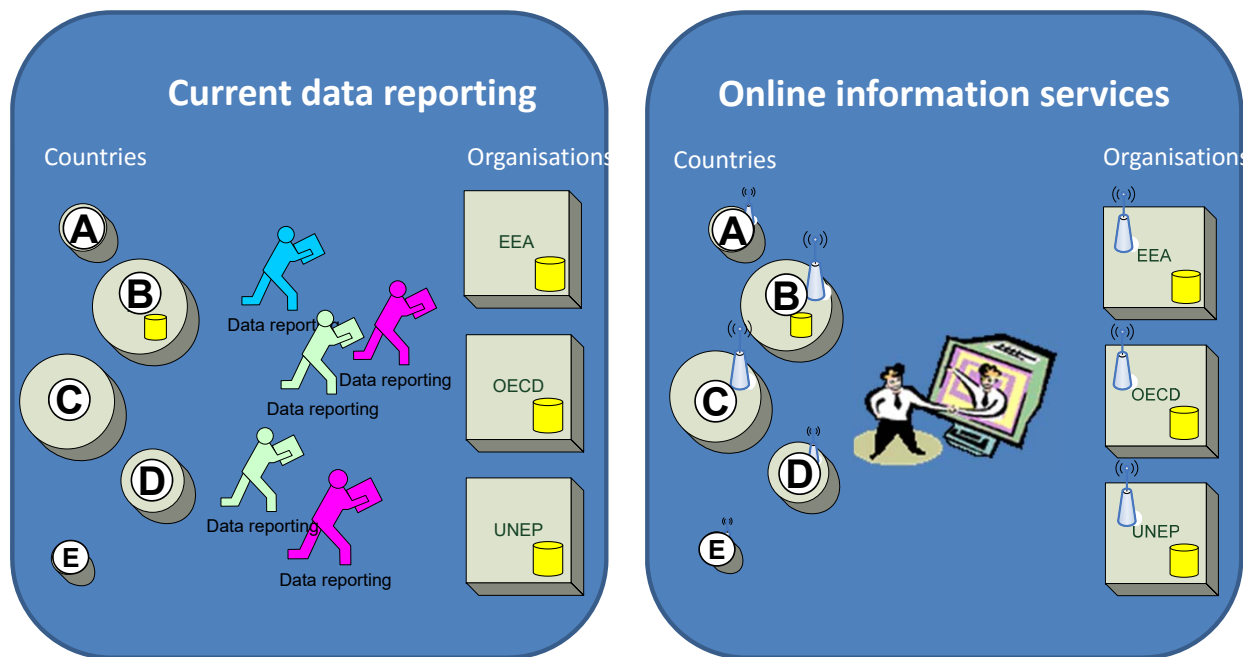
II – Action 3 - Reportnet 2.0/3.0 (2017-2020)

Modernising the Reporting system (additional DG Environment budget to EEA)



II - Action 4+5 - Improving information systems

- EC study: Promotion of best practices for national environmental information systems and tools for data harvesting



Source: SEIS EEA, 2010



II - Action 4 - Develop and test tools for harvesting

- EC Desk study 2017-2018 on available technologies
- Questionnaire on experiences to EU institutions (ENV, **EEA** ...)
- Interviews on experiences and user needs in EU institutions (ENV, **EEA** ...)

II - Action 5 - Guidance for environmental information systems (EIS)

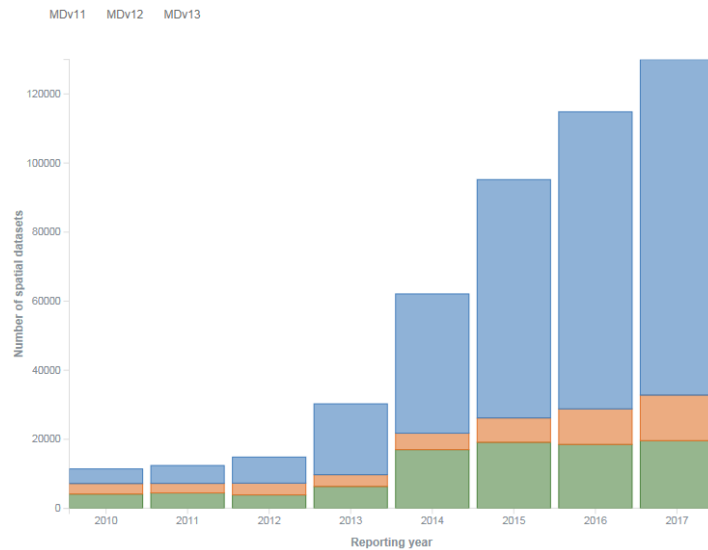
- First and second workshop with EU Member States in Brussels 8 February and Copenhagen 3rd and 4th of September
- Many elements are similar to earlier EEA SEIS country visits and related work (modernising national information systems, SENSE ...)
- Initial results incl. list of national EIS published at <http://eis-data.eu>
- **Eionet (NFPs, NRC EIS)** invited to complement survey results.

II - Action 6 - Promote full implementation INSPIRE

Main activities:

- Maintain the joint **INSPIRE/Eionet working group 2016.5** on priority datasets (**Workshop Tuesday**)
- Handle the annual INSPIRE implementation monitoring (**Presentation Tuesday**)

Indicator / Number of spatial data sets per annexes

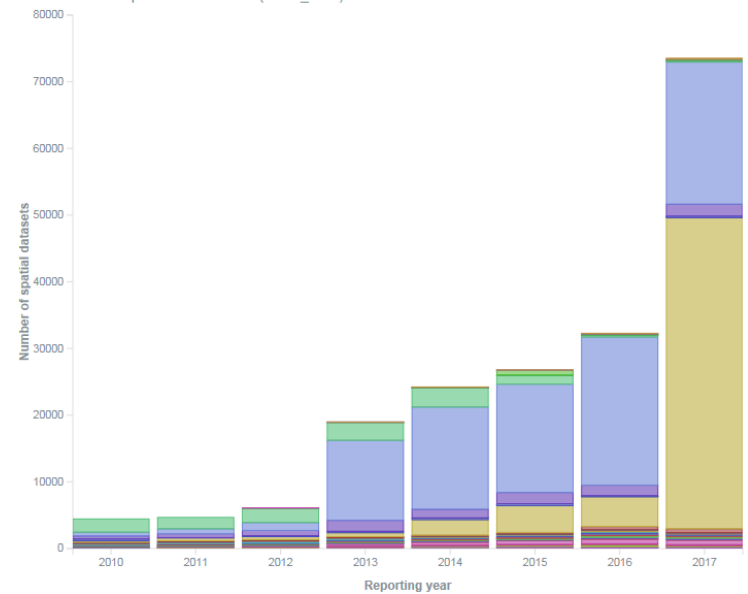


Growth in

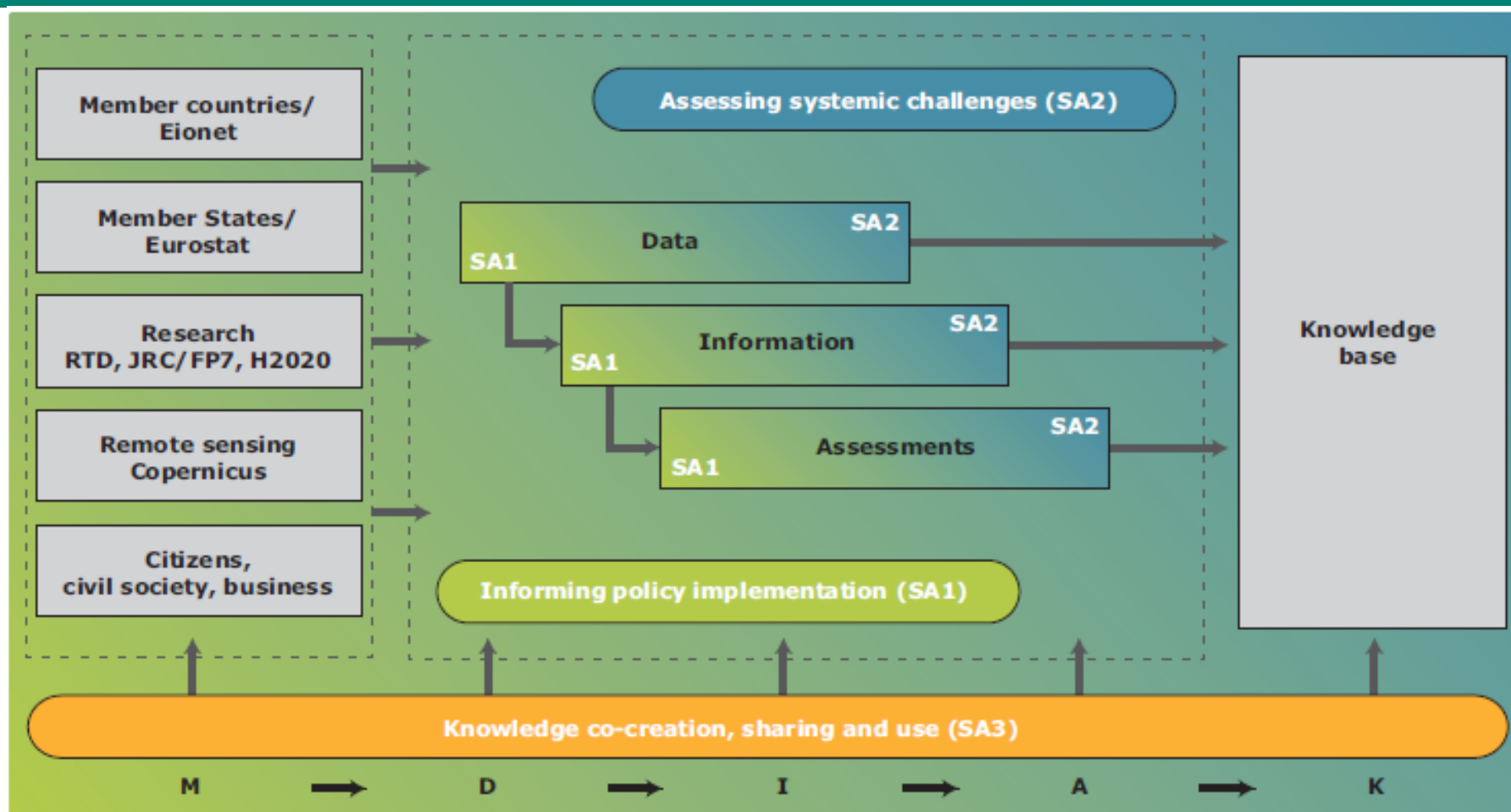
< datasets

services >

Indicator / Nb of spatial data services (SDSv_Num) in EU



III - e-Reporting and EEA data flow management



III - Action 7 - Use of Copernicus data and services

- Ongoing study on use of Copernicus to support EU policies - "Copernicus for EC" (C4EC)
 - JRC leading
 - Outcome/report expected Q4 2018
- Implementation Copernicus Land Monitoring Services 2018-2020 (i.e. CLC2018 input SOER2020)
 - **NRC Land Cover**
 - **ETC ULS**
 - **Eionet Action Group on Land monitoring in Europe (EAGLE)**
- Set up **Eionet Expert Group In Situ**,
- Share In Situ experiences related INSPIRE data (**Presentation Thursday**)

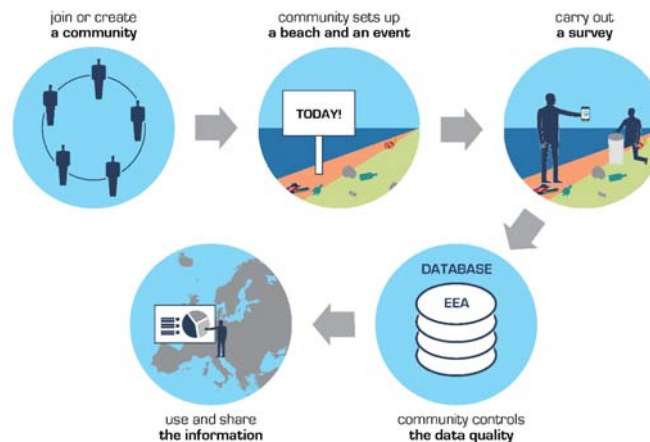


III - Action 8 - Promote citizen science data

Study* on an inventory of **citizen science activities** (projects) for environmental policies

- Project shared between many EU institutions (JRC lead, **EEA** contributor)
- The inventory will be completed after summer
- Inventory is the basis to develop guidance as part of the action plan.

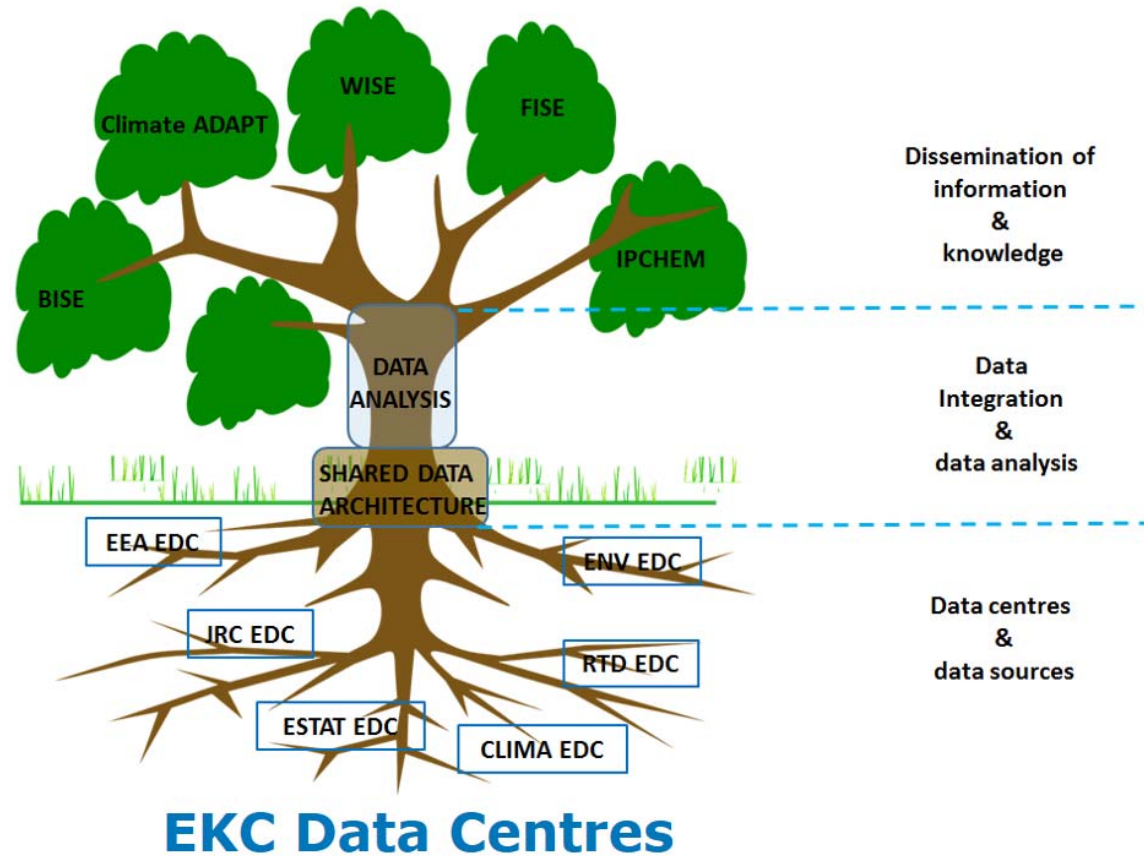
EEA/EPA network project on Citizen Science and Air Quality started during the EPA network meeting in April in Dublin



* Environment Knowledge Community Innovation Project

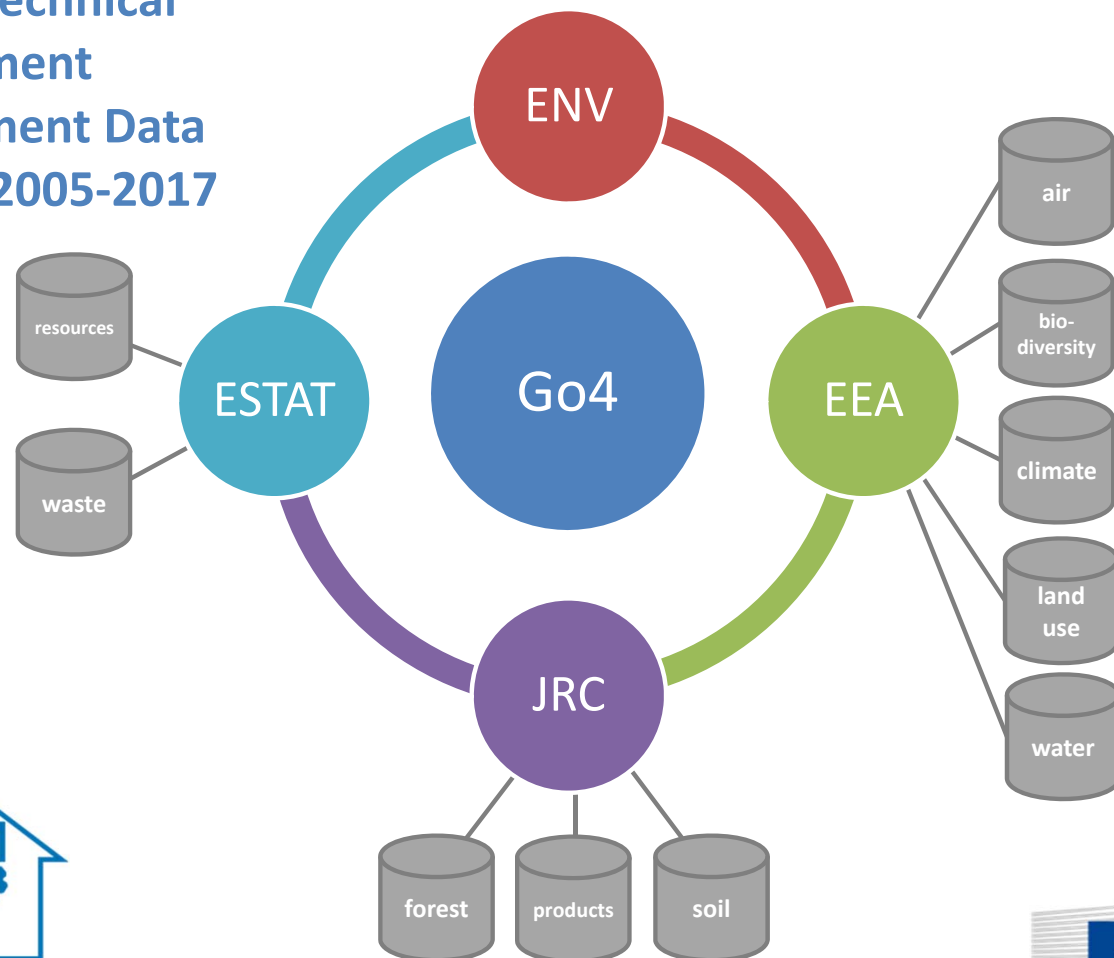
III - Action 9 – Cooperate with other domains

* EKC Information Platforms



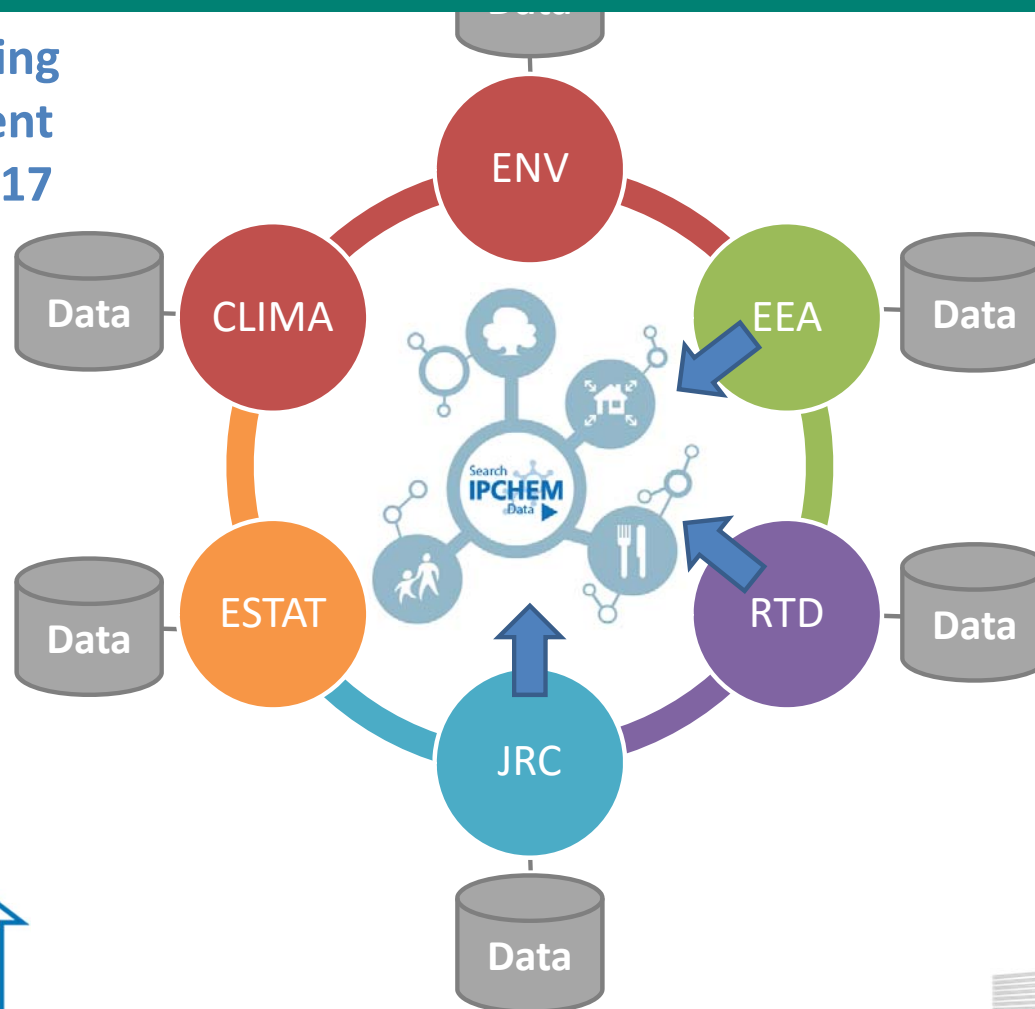
III - New agreed EKC data and information framework

Former technical arrangement
Environment Data
Centres 2005-2017



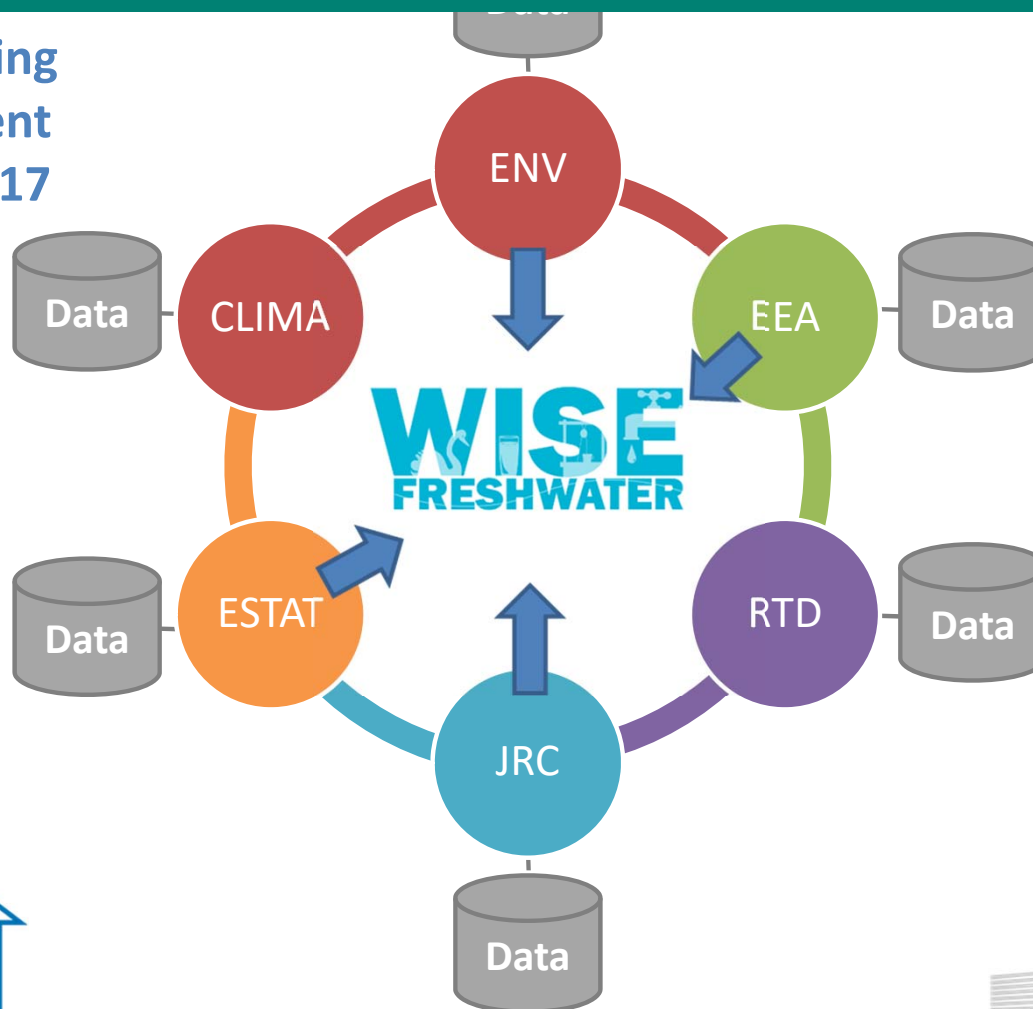
III - New agreed EKC data and information framework

New working arrangement beyond 2017



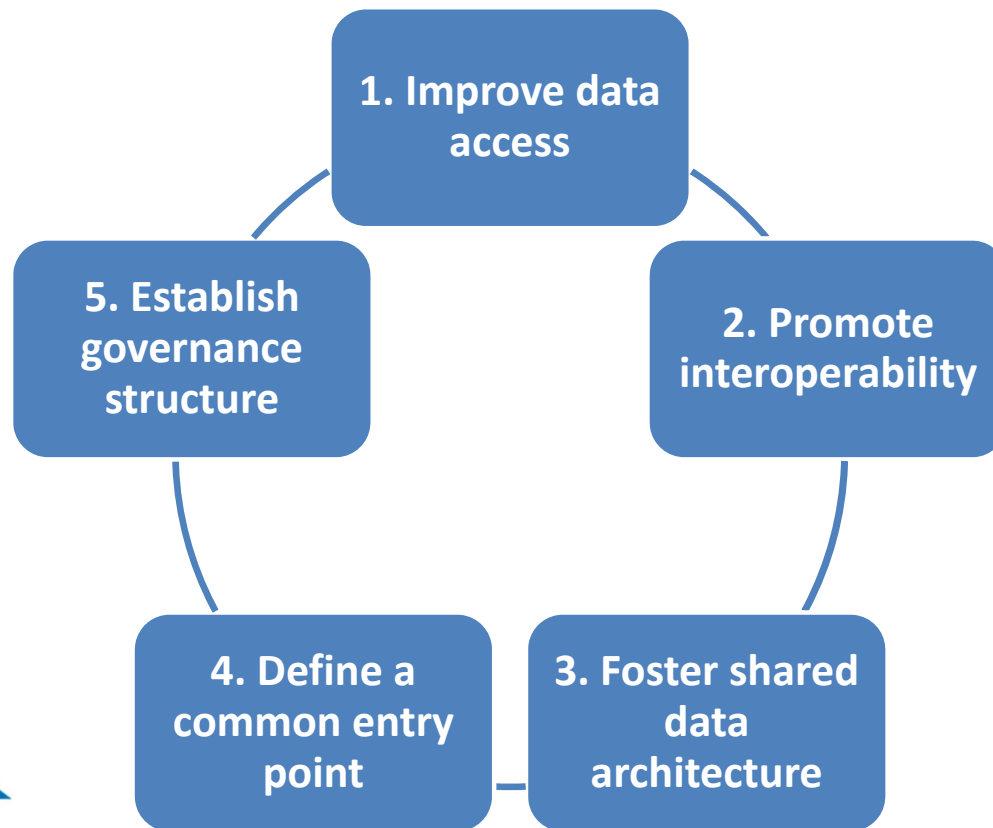
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New working arrangement beyond 2017



III - New agreed EKC data and information framework

EKC strategic actions 2018-2020



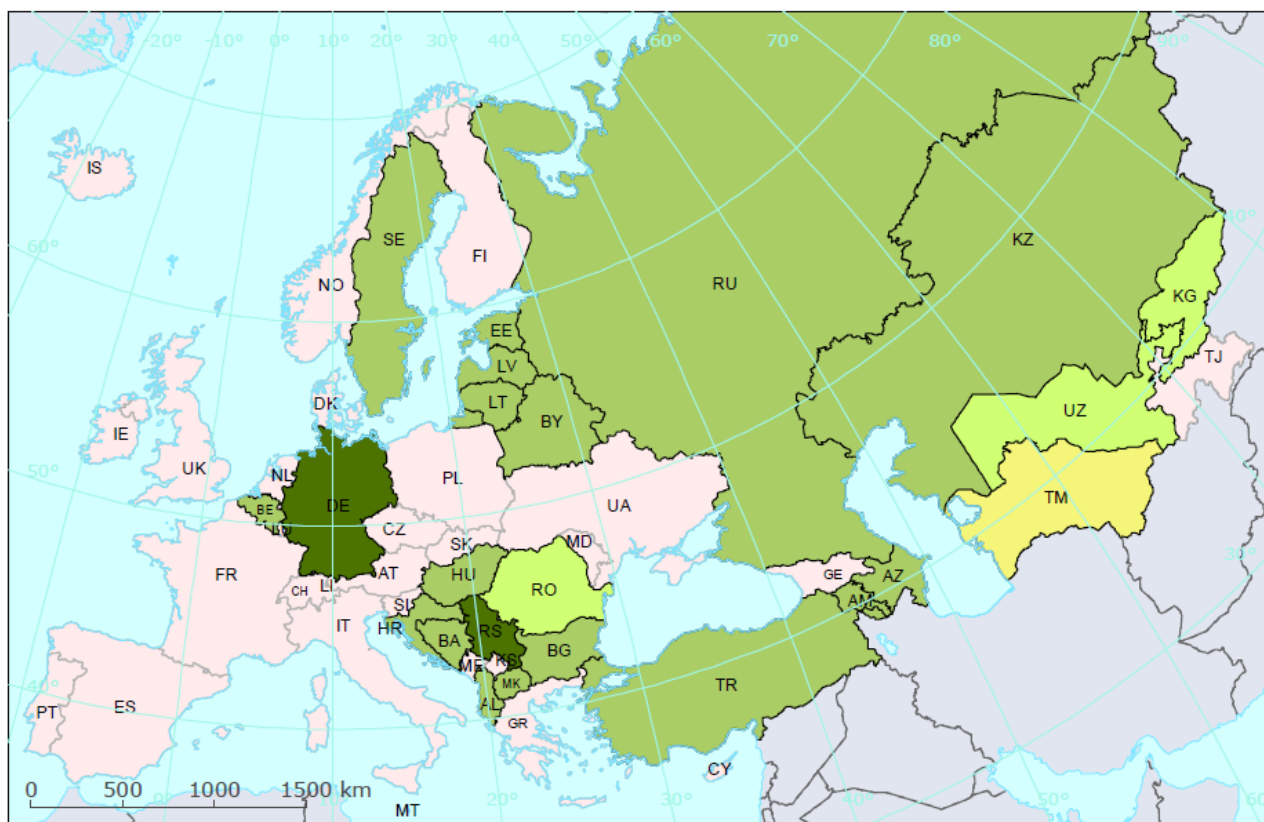
European Environment Agency



European Commission

III - Action 10 - Wider international streamlining

Preliminary results SEIS self-assessment at pan-European level (22 May 2018)



Indicator: A2. Ambient air quality in urban areas

Data flows: Annual average concentration
PM10, SO2, NO2, and O3

- 0 - 50% Requires improvements
- 51 - 75% Moderate performance
- 76 - 95% Good performance
- 96 - 100% Very good performance
- Not yet delivered
- Outside coverage

*European score (EEA39): 93%

III - Action 10 – EEA-Eionet next steps into the UN process

- **SEIS assessment framework:**
 - Encourage country response/improvements based on **EEA** comments;
 - Discussion preliminary results:
 - 3-4 Sep (WGEMA)
 - 25-26 Oct/Joint Task Force Environment, Statistics and Indicators
 - October **Eionet NFP** meeting
 - Presentation first results & discuss way forward: Jan 2019/UNECE-CEP
- High level dialogue **EEA-UNEP-UNECE** on streamlining Feb- March 2019

Thank you for your attention!

and enjoy Antwerp

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