



# Reviewing „EEA Priority Dataflows“





Update on Eionet activities & two proposals for Batumi

## „Priority Dataflow“ Reporting to EEA

- has been useful since 2000 for EEA/Eionet NFPs = national reporting co-ordinators for improving national reporting performance by focusing on agreed priority tasks
- the „soft“ benchmarking of completeness & timeliness of reporting based on 😊 😊 😊 / 😊 😊 / 😊 / 😞 can be easily explained also to non-expert decision-makers
- Working group of NFPs and EEA is undertaking a joint review/update of the dataflow benchmarking system
- Review of essential policy-relevant data and reporting processes for implementing the Multiannual Work Programme 2014-2018
- Update Proposal to NFP Group (October 2015) and EEA Management Board (November 2015)

## Current proposal of review group

- Maintain a limited set of probably 19 „priority dataflows“ (among 86 more closely assessed existing reporting obligations) to focus NFP attention on key reporting tasks
- Maintain the familiar 😊 😊 😊 / 😊 😊 / 😊 / 😞 presentation:

Generic logic	Scoring (0-3) ('smiley')
i. No data reported	
ii. Some data reported	
iii. Reported data received by the reporting deadline and/or meeting minimum criteria concerning format, completeness	
iv. Data was received by the reporting deadline, in the required format and passing pre-defined quality checks	

# Ranking criteria for priority dataflows

For providing policy-relevant information, they are effectively

- used in EEA indicators;
- used in regular EEA assessment reports for state of the environment reporting (e.g. SOER, Air Quality report, GHG trends and projections, Noise report, State of Water, etc);
- formally and regularly provided by EEA to other EU institutions for use in their assessment products (e.g. ESTAT sustainable development indicators etc.);
- used for official EU reporting obligations to international conventions (e.g. EU submissions to UNFCCC, Convention on Biological Diversity etc)
- essential for implementing the EEA Multiannual Workprogramme 2014-2018

# Thematic areas covered (1)

Strategic Area	Theme	Instrument	Obligation	Current PDF? (2014-15)
SA 1.1	Air pollution (emissions)	CLRTAP	Air emission annual data reporting (CLRTAP/EMEP)	Y
SA 1.1	Air pollution (air quality)	Air Quality Directive IPR	(E1a) Information on primary validated assessment data - measurements (Article 10)	Y
SA 1.1	Air pollution (air quality)	Air Quality Directive IPR	(E2a) Primary up-to-date assessment data	Y
SA 1.1	Noise	Environmental Noise Directive	Strategic noise maps (DF4-8)	
SA 1.2	Industrial pollution	E-PRTR regulation	E-PRTR data reporting	Y
SA 1.3	Climate change mitigation	Greenhouse gas Monitoring Mechanism (MMR)	Greenhouse gas inventories (MMR)	Y
SA 1.3	Climate change mitigation	Greenhouse gas Monitoring Mechanism Regulation (MMR)	Approximated greenhouse gas inventories	
SA 1.3	Climate change mitigation	Greenhouse gas Monitoring Mechanism Regulation (MMR)	GHG projections	

## Thematic areas covered (2)

Strategic Area	Theme	Instrument	Obligation	Current PDF? (2014-15)
SA 1.5	Water	Bathing Water Directive - 2006/7/EC	Bathing Water Directive - Identification of Bathing Waters - Article 13.1 and Bathing Water Directive - Monitoring and Classification - Article 13.2 to identify scope of reporting	
SA 1.5	Water	EEA AWP	WISE SoE water quality, merged dataflow (WISE 4) combining the old WISE SoE Rivers, lakes and Groundwater (EWN 1-3)	Y
SA 1.5	Water	EEA AWP	WISE SoE - Water Quantity (WISE 3 - former EWN4)	Y
SA 1.5	Water	Urban Waste Water Treatment Directive	Urban Waste Water Treatment Directive - Implementation - Article 15.4	
SA 1.5	Water	Water Framework Directive	Water Framework Directive - River Basin Management Plans - Article 13	
SA 1.6	Marine	EEA AWP	EEA AWP, Marine Data (ME-1) + Biological data in TC waters (WISE-2)	Y

## Thematic areas covered (3)

Strategic Area	Theme	Instrument	Obligation	Current PDF? (2014-15)
SA 1.7	Biodiversity	Bern Convention	Emerald Network	
SA 1.7	Biodiversity	Birds & Habitats Directives	Information on Natura 2000 sites (SPAs, Birds Directive); (SCIs/SACs, Habitats Directive)	
SA 1.7	Biodiversity	Birds Directive	Progress/implementation report (Article 12, Birds Directive)	
SA 1.7	Biodiversity	EEA AWP	Nationally designated areas (CDDA-1)	Y
SA 1.7	Biodiversity	Habitats Directive	Report on Implementation Measures (Article 17, Habitats Directive)	

## EEA/Eionet vs UN-ECE process

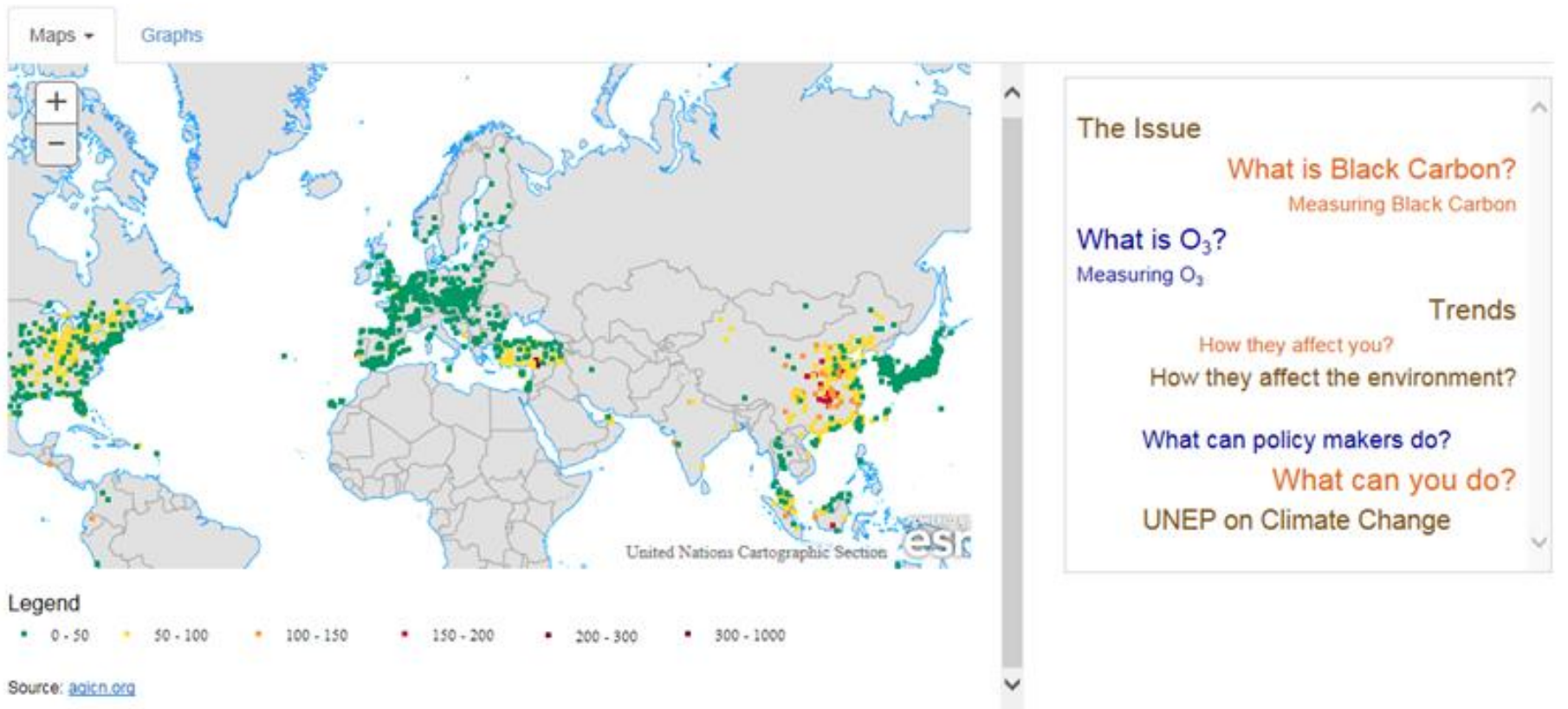
- Parallel processes with some overlaps, but unrealistic to reasonably merge in the short-term
- EEA/Eionet Priority Dataflows mainly driven by EU legal obligations (even if this was NOT a selection criterium)
- Not all themes/obligations relevant outside EU/EEA area
- No key themes outside specific EEA data collection mandates (eg waste → ESTAT, chemicals → ECHA)
- Conclusion (since both processes have their own logic):
  - finalise both current processes separately
  - explore synergies/streamlining later (next update 2018- ?)
- Explore for Batumi broadening of country participation on main themes „air quality“ and „green growth indicators“



# Air Quality – UNEP-Live

<http://uneplive.unep.org/theme/index/2#.Ve1XmWz77IU>

## Air Quality-Health-Climate Change



# Air Quality-Health-Climate Change

Maps ▾

Graphs



## Legend



Source: [aqicn.org](http://aqicn.org)

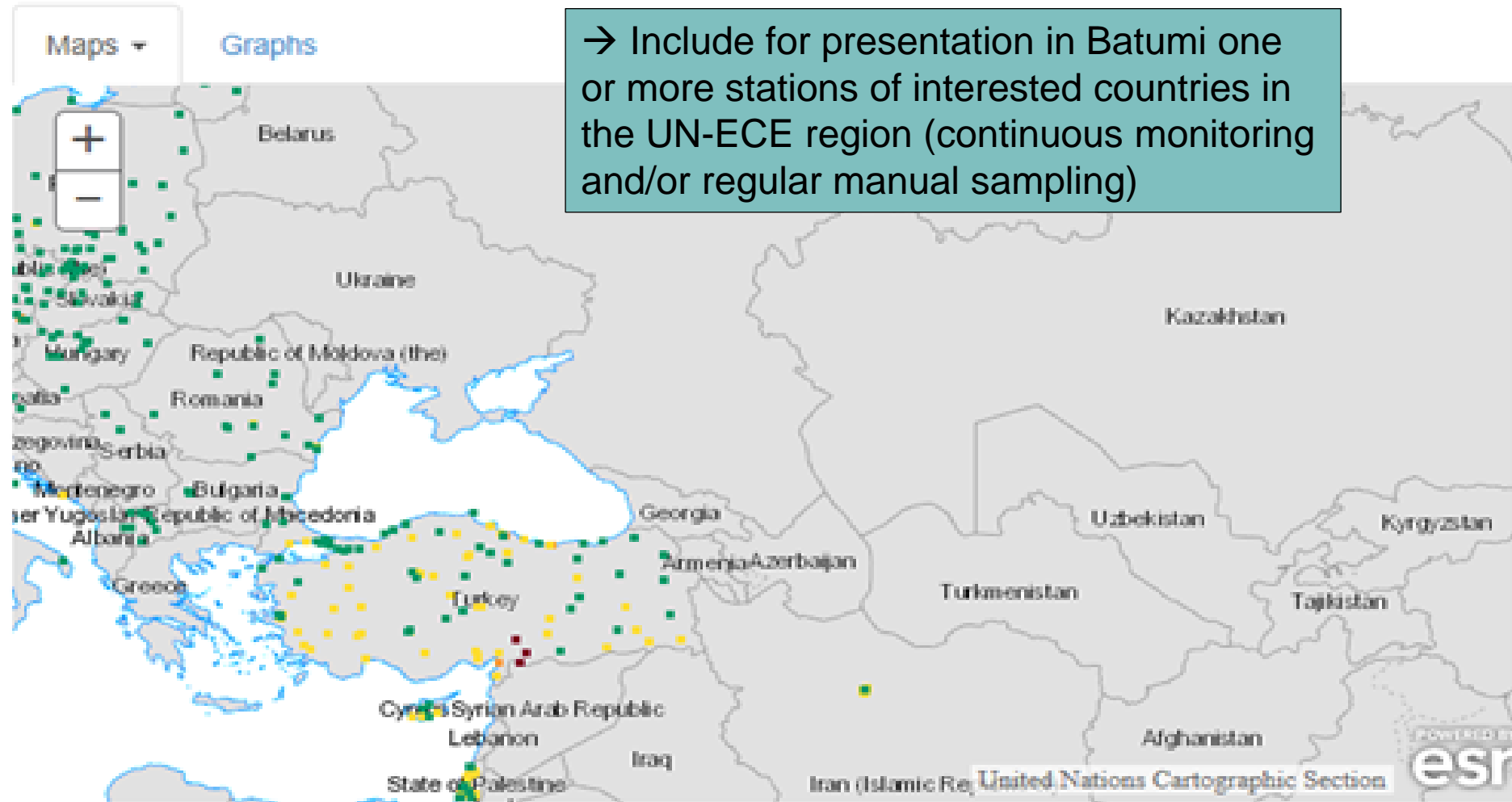
# Air Quality-Health-Climate Change

Maps ▾

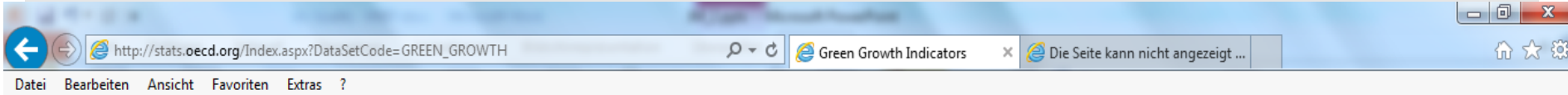
Graphs



# Air Quality-Health-Climate Change



# OECD green growth indicator database



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  - Air and Climate
  - Biodiversity
  - Environmental Expenditures and Revenues
  - Forest
- Green Growth**
  - Green Growth Indicators**
- Land Resources
- Material Resources
- Patents
- Waste
- Water
- Instruments used for environmental policy

## Green Growth Indicators <sup>i</sup>

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			Country: OECD - Total							
			1990	1995	2000	2005	2006	2007	2008	2009
			▲ ▼	▲ ▼	▲ ▼	▲ ▼	▲ ▼	▲ ▼	▲ ▼	▲ ▼
Variable										
Environmental and resource productivity			..	..	..	..	..	..	..	..
Environmental and resource productivity	CO2 Productivity		..	..	..	..	..	..	..	..
	CO2 Productivity	Production-based CO2 productivity, GDP per unit of energy-related CO2 emissions	2.23	2.36	2.58	2.80	2.90	2.95	3.03	3.12
		Production-	10.43	10.46	10.92	10.87	10.77	10.83	10.47	9.77

Legend:

E Estimated value

Data extracted on 07 Sep 2015 20:59 UTC (GMT) from OECD.Stat

# OECD green growth indicator database

- [http://stats.oecd.org/Index.aspx?DataSetCode=GREEN\\_GROWTH](http://stats.oecd.org/Index.aspx?DataSetCode=GREEN_GROWTH)
- Expand OECD green growth indicator database with data from further interested non-OECD countries in the UN-ECE Region

Luxembourg
Mexico
Netherlands
New Zealand
Norway
Poland
Portugal
Slovak Republic
Slovenia
Spain
Sweden
Switzerland
Turkey
United Kingdom
United States
OECD America
OECD Asia Oceania
OECD - Europe
<b>OECD - Total</b>
World
Non-OECD Member Economies
Brazil
China (People's Republic of)
Colombia
India
Indonesia
Latvia
Russia
South Africa
BRIICS economies - Brazil, Russia, India, Indonesia, China and South Africa

# Thank you for your attention

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