

Implementation of the Urban Waste Water Treatment Directive; contribution to the Water Framework Directive.

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Background, Elaboration & Structure

- EU nutrients legislation and policies: WFD, MSFD, Nitrates D, UWWTD, phosphates proposal,
- Elaboration
 - Compilation/analysis of national information;
 - Consultation with Member States;
 - Preparation of the S Report;
- A package
 - Summary report (and annexes);
 - Compilation of national report (and annexes);
 - The viewer.



The assessment of the information

- Compliance

- Obligations from the Directive;

- Collection

- Treatment

- Biological

- More Stringent

- Deadlines;

- Infrastructure IN PLACE,

- EU 15 (but not UK) and EU 12,

- QA/QC

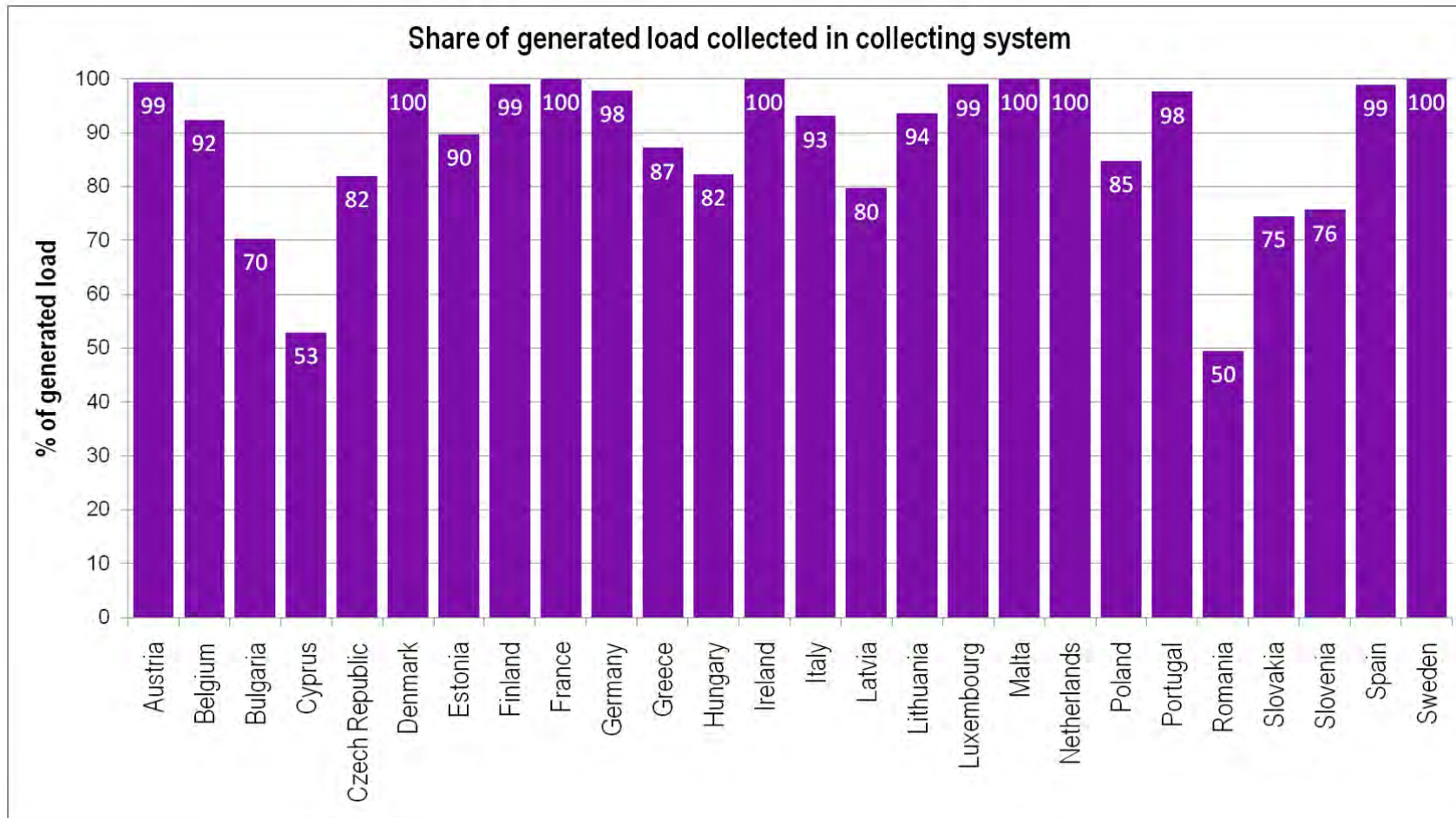


Collection: overview

- EU 15: The overall high level of compliance for collection is maintained;
- EU-12: Improved their overall results on collection,
 - CY, EE, HU, LT and SI have shown considerable improvements in one or more of the Directives' requirements.

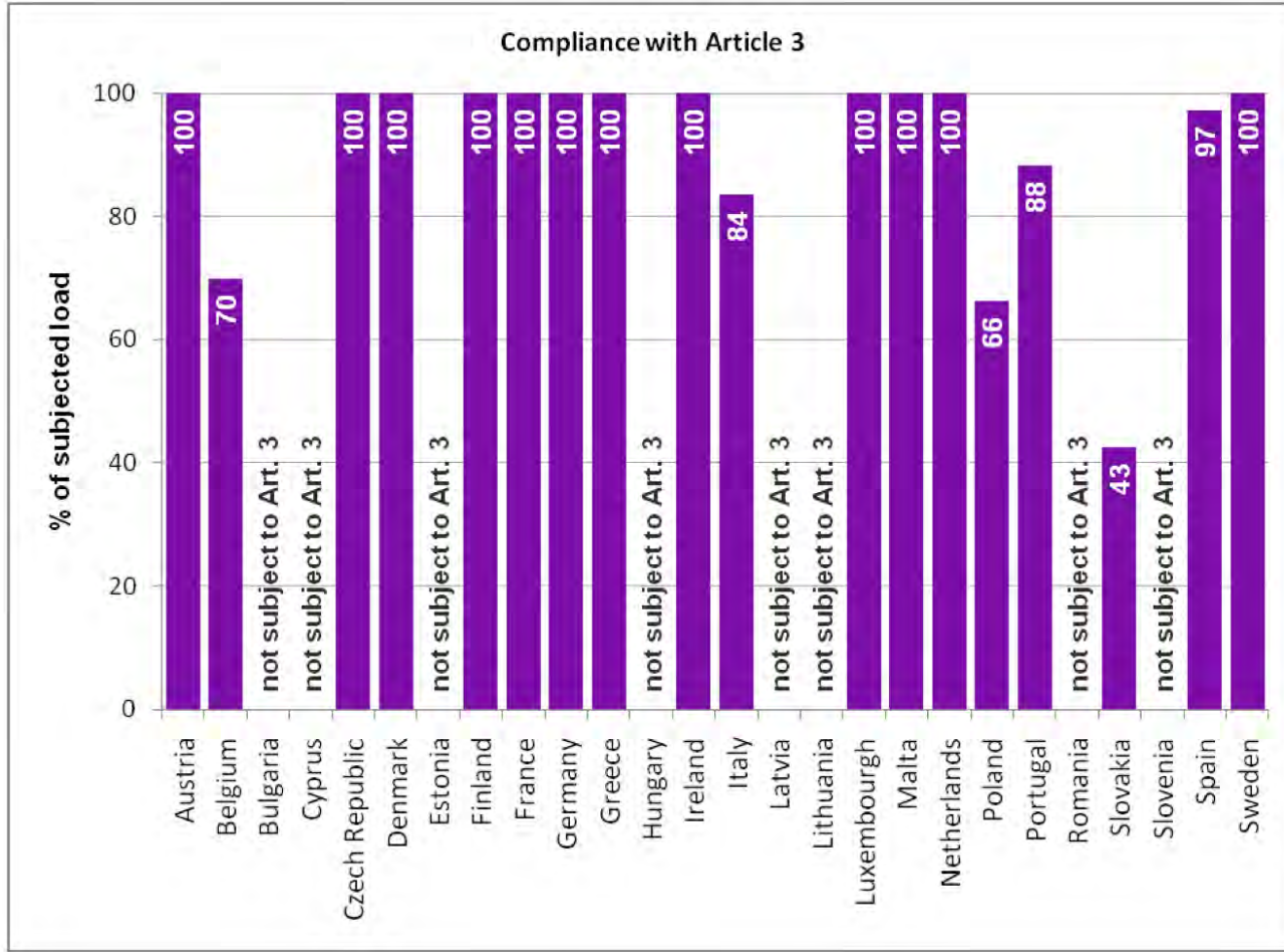


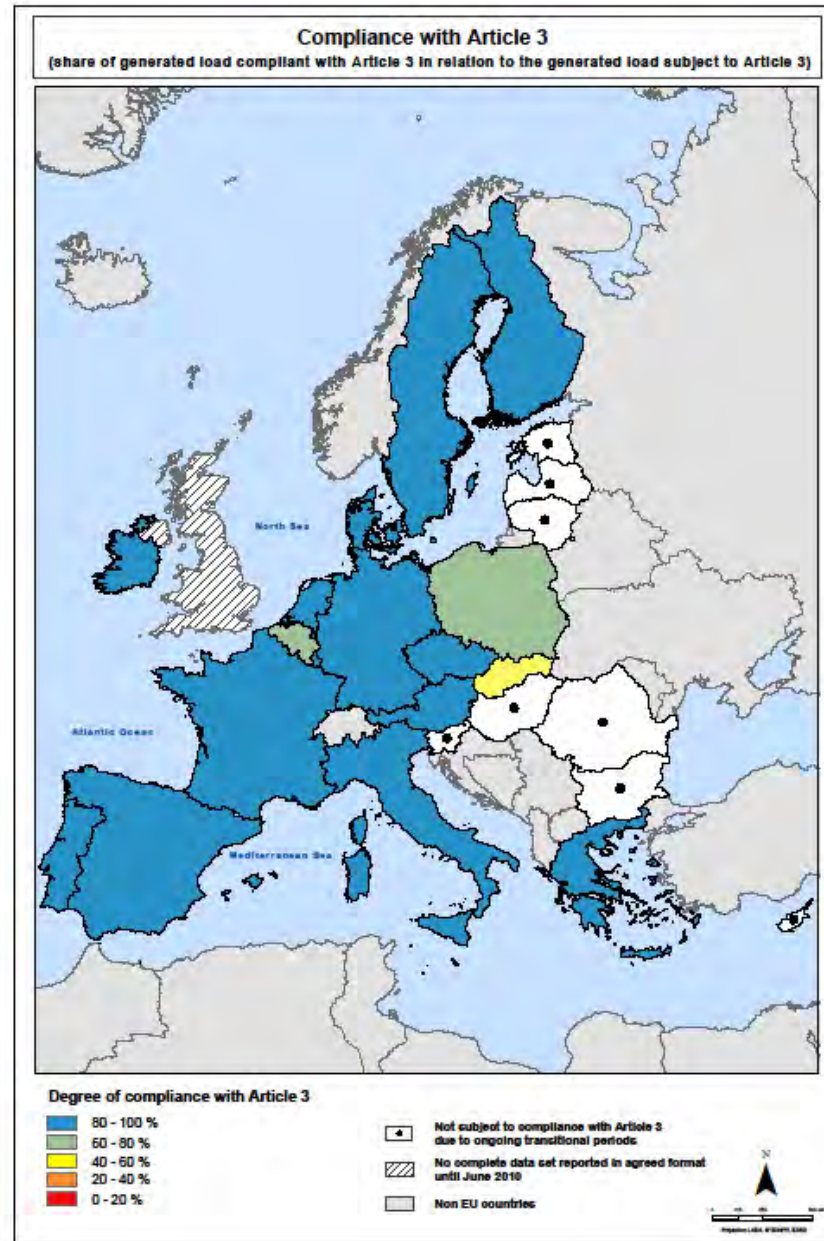
Collection: in place





Collection: compliance





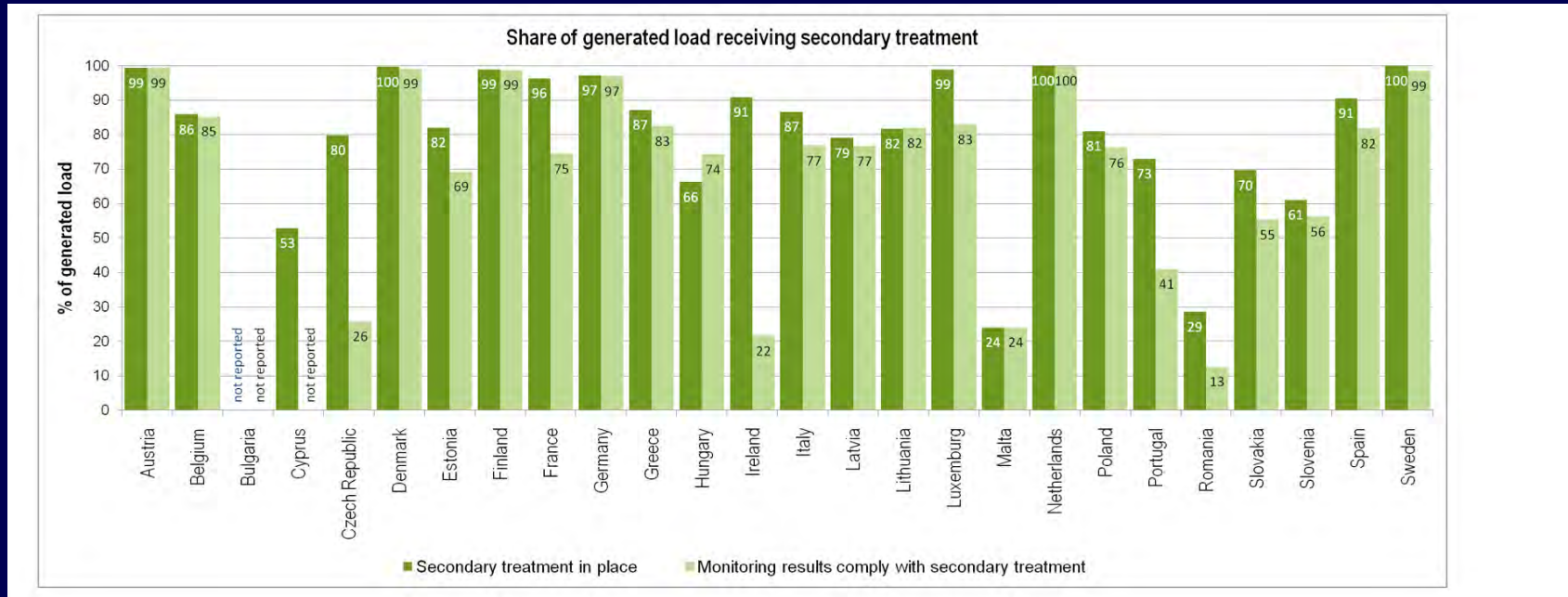


Biological treatment: overview

- Regarding treatment installations in place,
 - no big changes for EU-15;
 - improvements for EU-12;
 - not all installations work adequately to achieve compliance;
- EU 15: the overall high level of compliance for secondary treatment maintained.

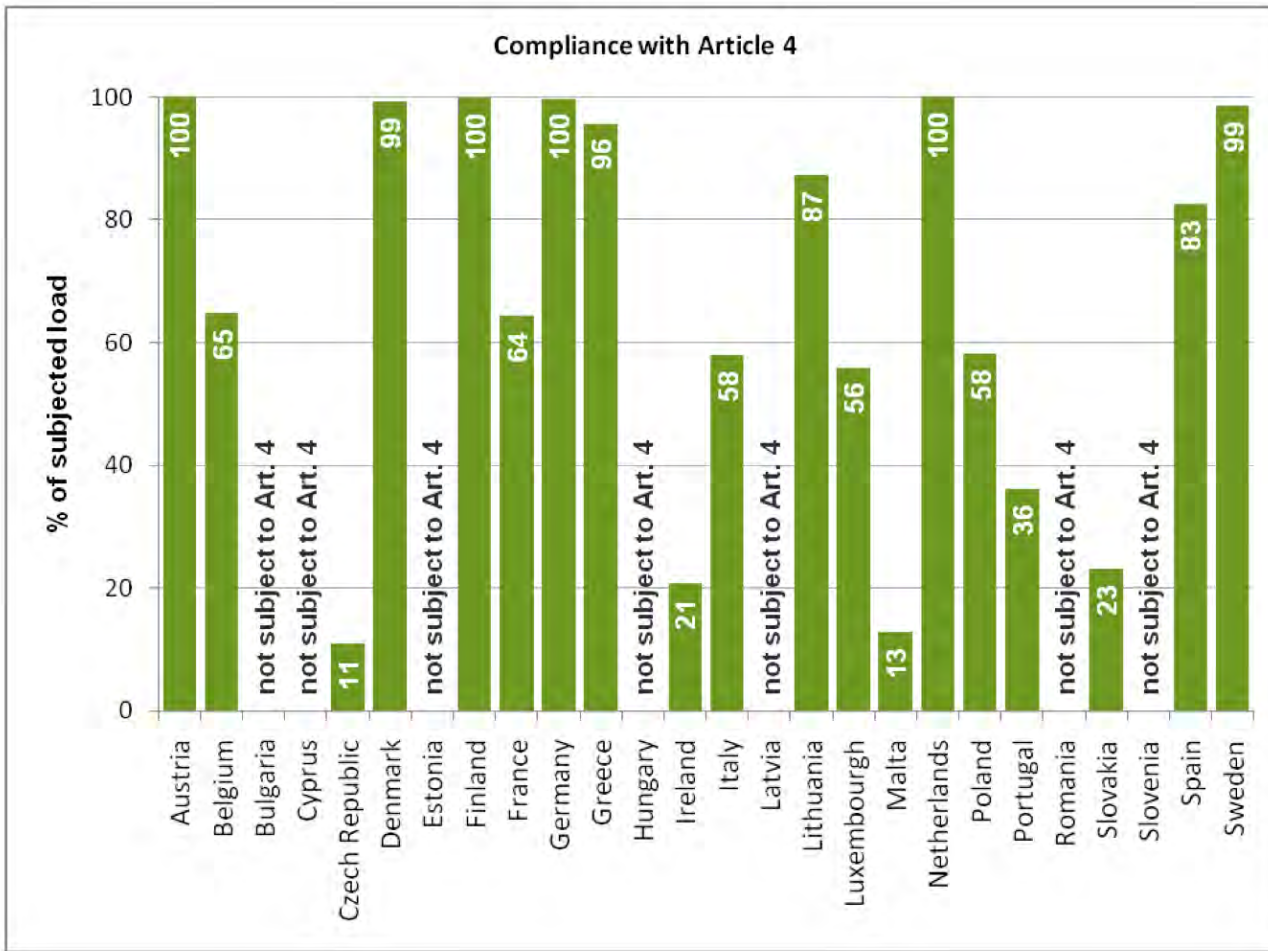


Biological treatment: in place



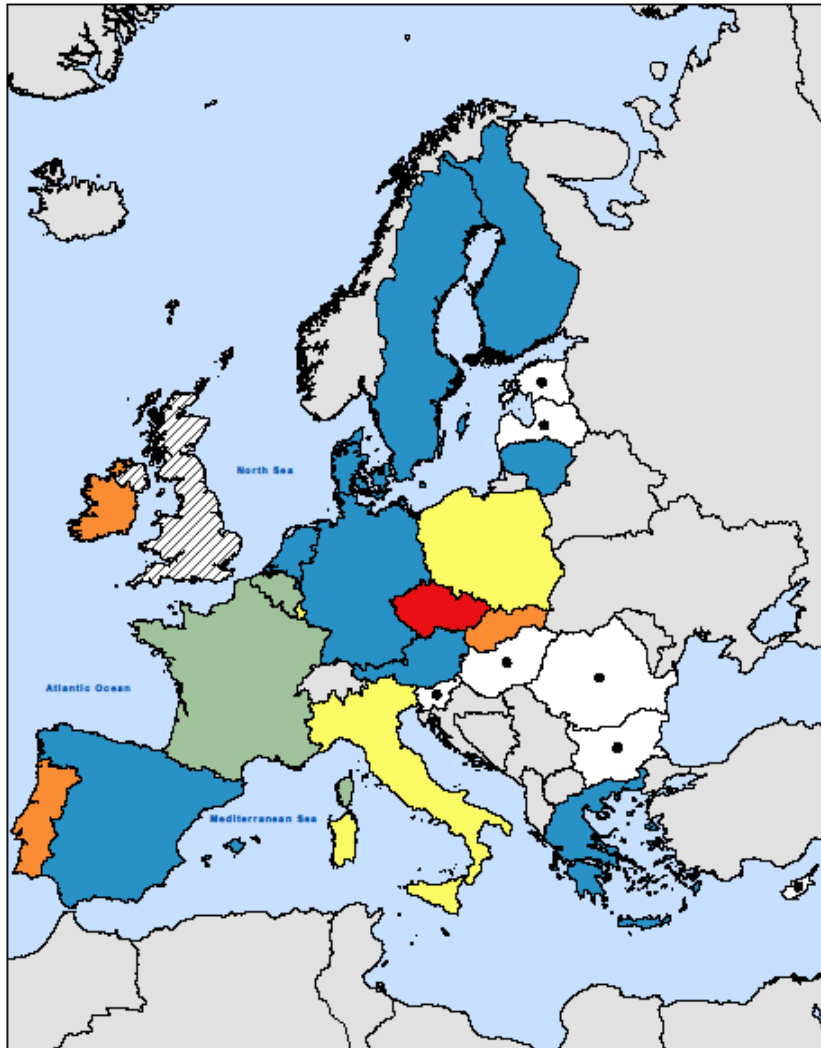


Biological treatment: compliance





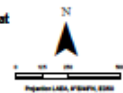
Compliance with Article 4 (share of generated load compliant with Article 4 in relation to the generated load subject to Article 4)



Degree of compliance with Article 4

- 80 - 100 %
- 60 - 80 %
- 40 - 60 %
- 20 - 40 %
- 0 - 20 %

- Not subject to compliance with Article 4 due to ongoing transitional periods
- No complete data set reported in agreed format until June 2010
- Non EU countries



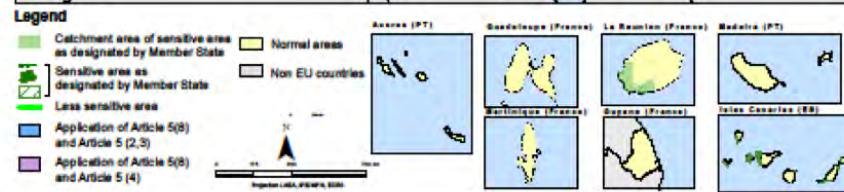
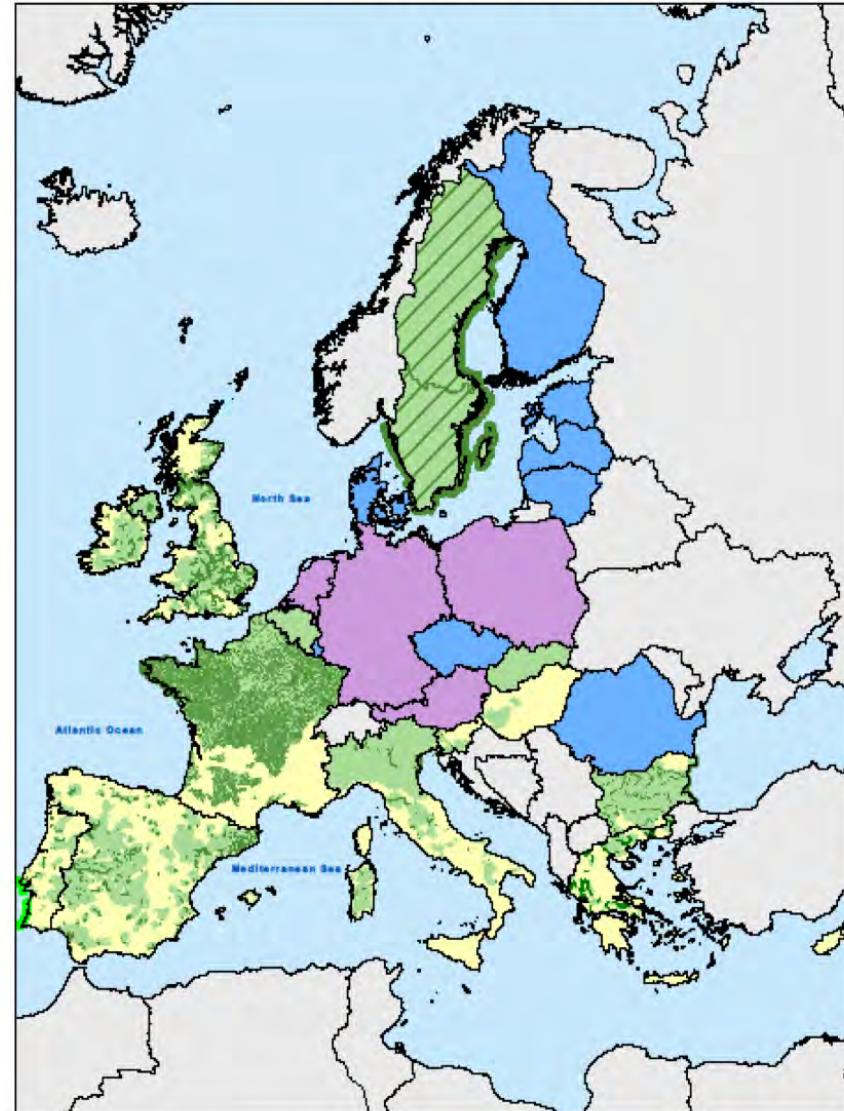


More stringent treatment: overview

- The share of sensitive areas increased by nearly 5%,
- Large variations among Member States existed in relation to installations, but improvements in some Member States,
- EU 15: more stringent treatment substantially improved.

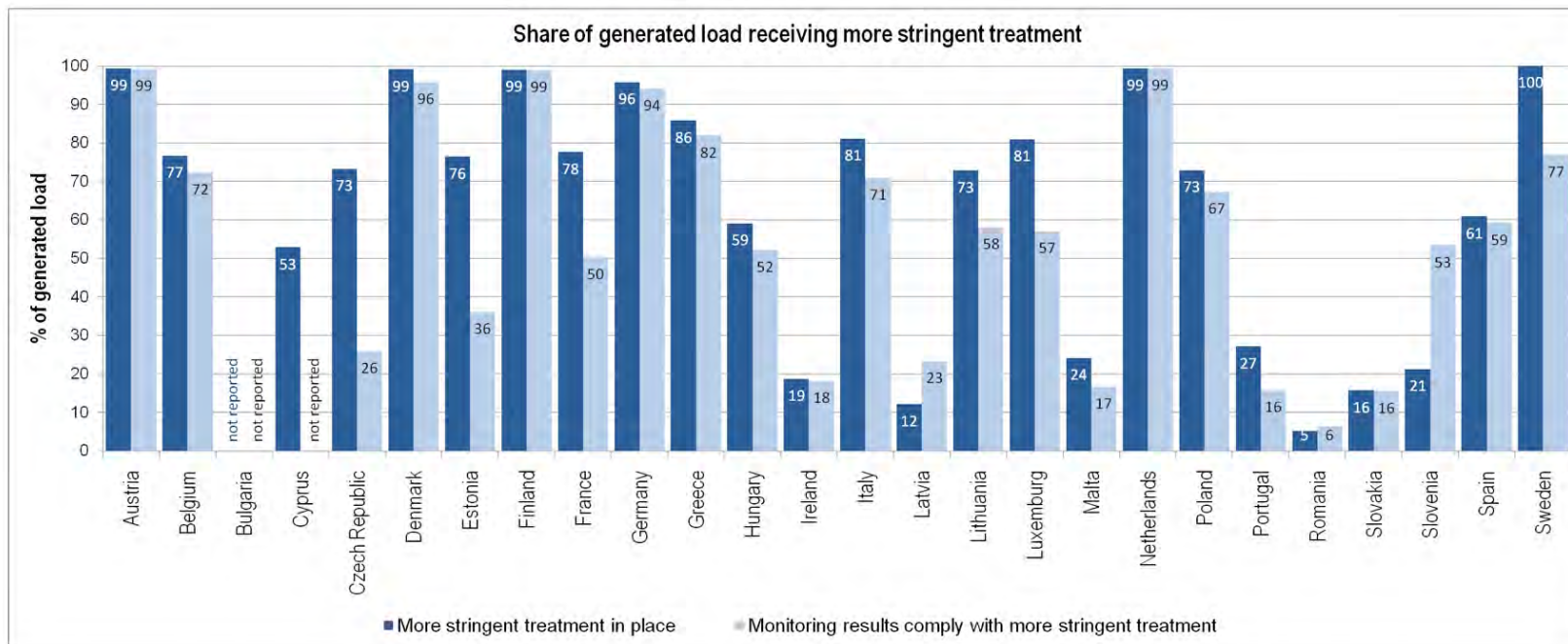


Overview of designated Sensitive Areas and Catchment of Sensitive Areas and the application of Article 5 (8) UWWTD in the European Union



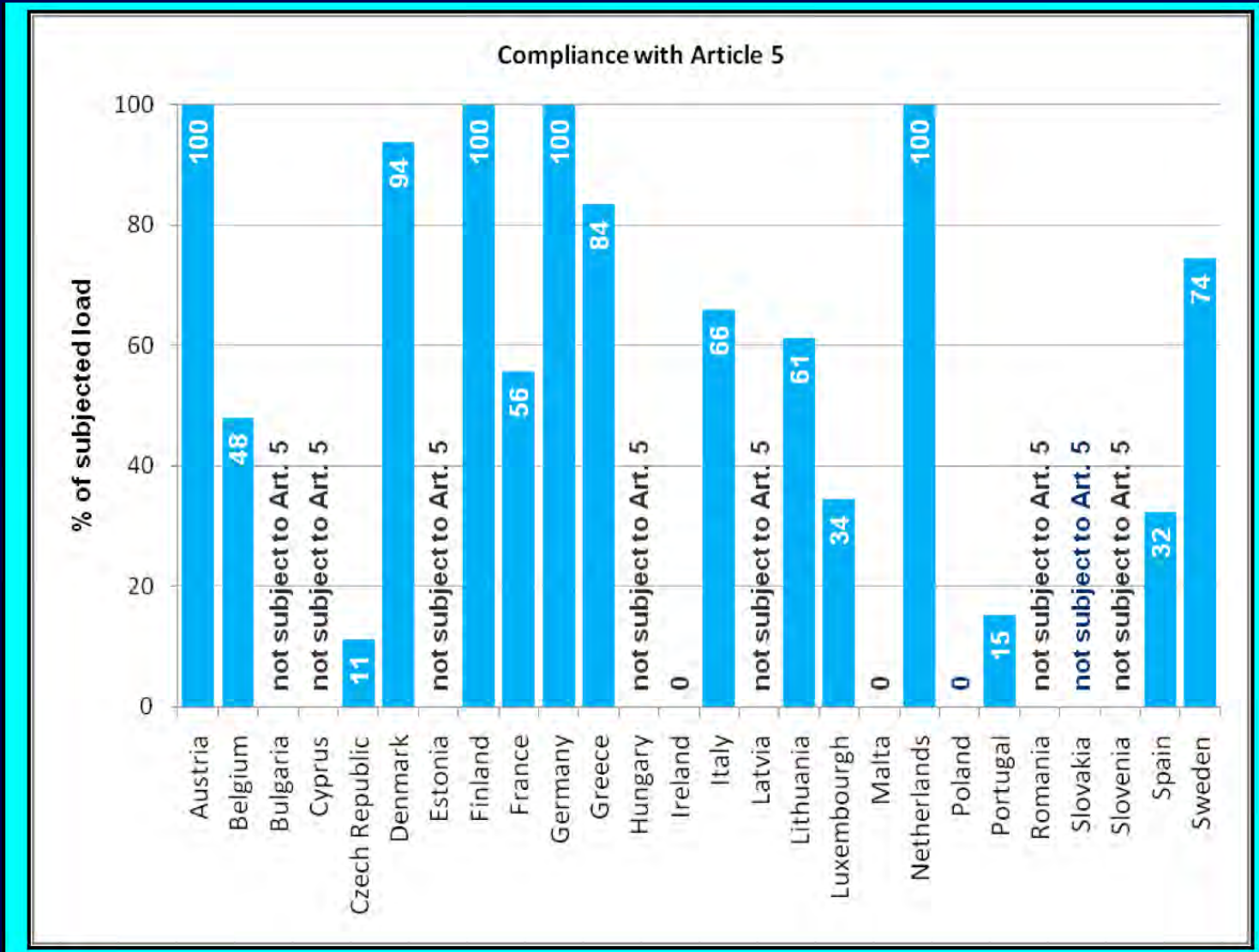


More stringent treatment: in place



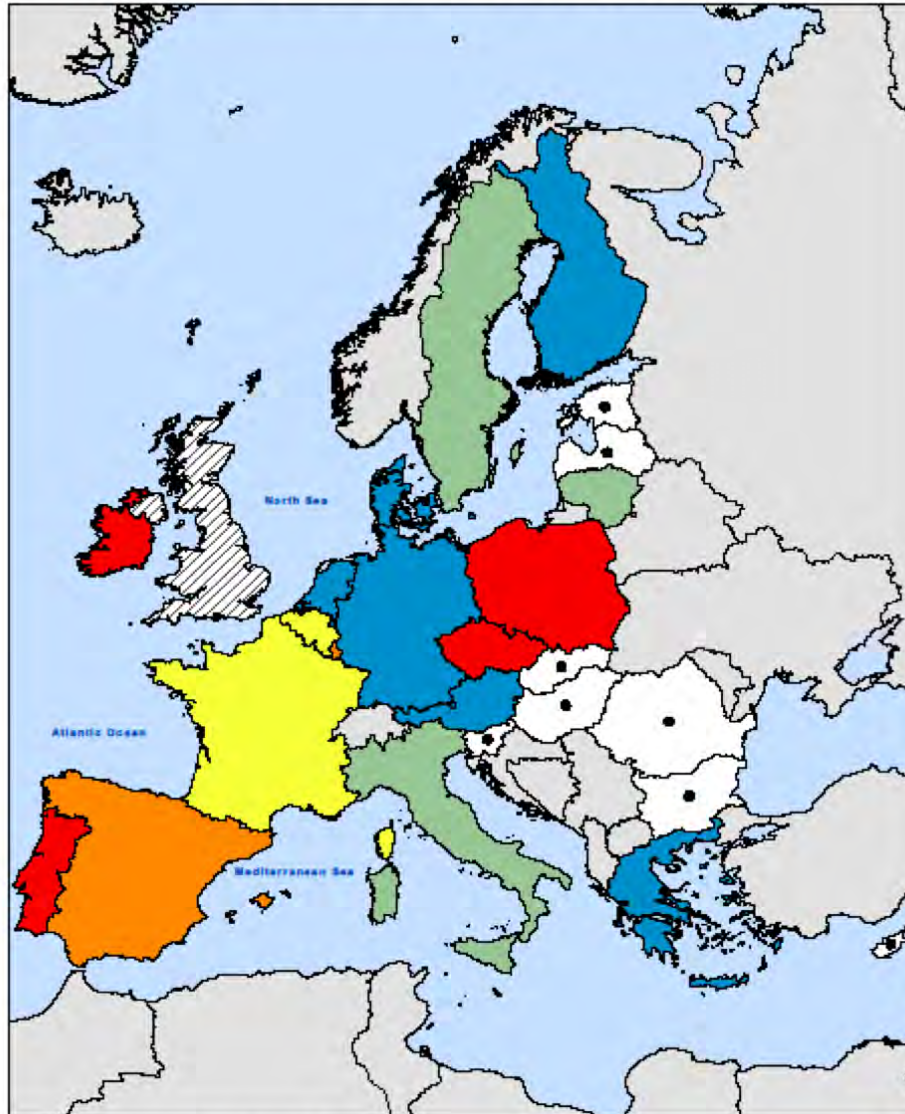


More stringent treatment: compliance





Compliance with Article 5 (share of generated load compliant with Article 5 in relation to the generated load subject to Article 5)



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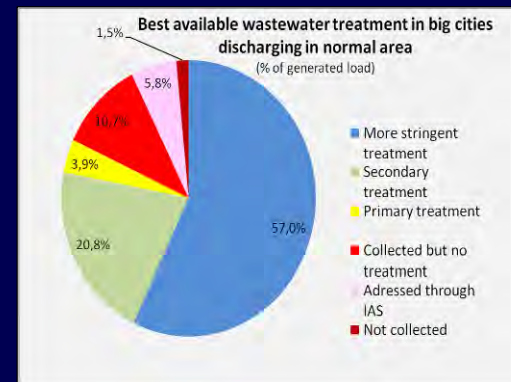
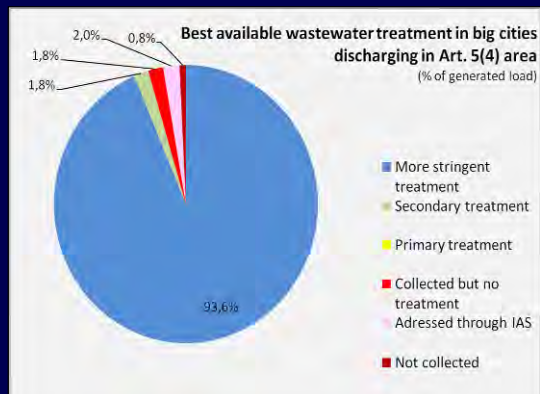
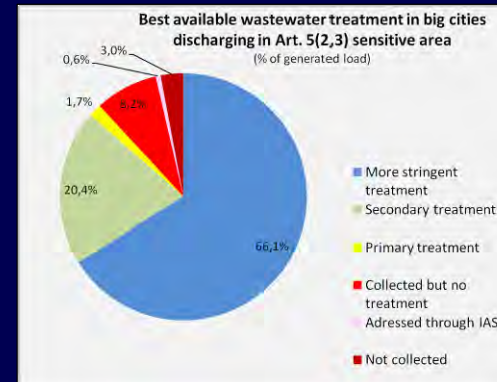
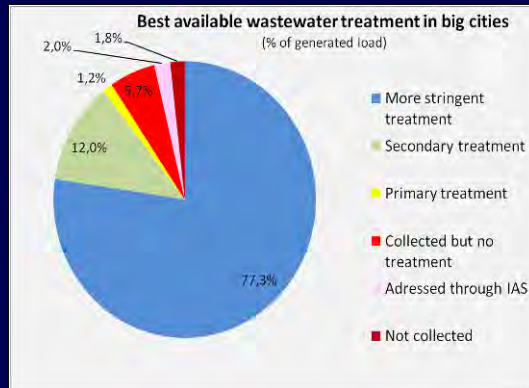
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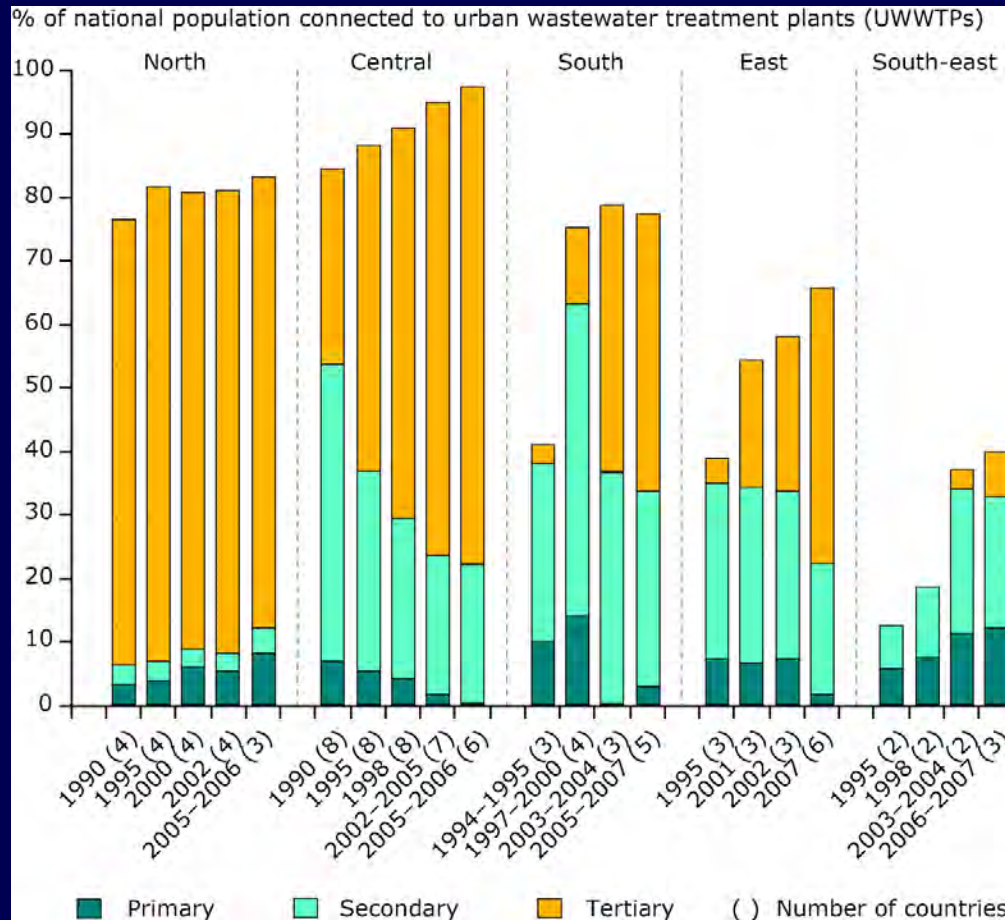
Big dischargers

- 2% of agglomerations, larger than 150.000 pe, 43% of the total load





Trends



North: Norway, Sweden, Finland and Iceland

South: Cyprus, Greece, France, Malta, Spain and Portugal

Central: Austria, Denmark, England and Wales, Scotland, Netherlands, Germany, Switzerland, Luxembourg, Ireland

East: Czech Republic, Estonia, Hungary, Latvia, Lithuania, Poland, Slovenia, Slovakia

South-east: Bulgaria, Romania, Turkey



A major financial challenge

- Cohesion Policy provides a significant support to co-finance waste water treatment plants and collecting systems,
 - Funding period 2007 to 2013: about 14 billion EUR;
 - Twenty-one Member States have allocated EU funding;
 - About 98% used in the 'Convergence regions' (mostly EU-12 and DE, IT, PT, ES and EL) ;
- *"in general, Structural Measures have contributed to an improvement in waste water treatment in the four Member States audited"* (ECA, 2009, on GR, IR, SP, PT).
- Also a challenge ahead: rolling costs.



Challenges ahead

- Some EU-15 Member States still require big efforts to improve their compliance rates on collecting systems and/or treatment (secondary and/or more stringent),
- Continuing efforts will be required in EU-12 Member States (some compliance rates below 50%),
- Small number of punctual decreases (EU-12 and EU-15).



Reporting: another challenge ahead

- Reporting is notably improved following the introduction of WISE. Current S Report covers 26 Member States (only 18 Member States were covered by the 5th);
- MS responsible of the quality of the information;
- The viewer: new way to explore.



Compliance promotion & infringements

- The logic of the Directive:
 - Collection large agglomerations,
 - Designation sensitive areas,
 - Treatment sensitive areas,
 - Treatment normal areas,
 - Collection and treatment small agglomerations,

- Implementation ECJ rulings.



And the WFD

- Precondition to achieve the objective of good status for all waters (article 4);
- Combined approach of emission control measures and water quality standards,
 - with the more stringent approach prevailing in each particular case: article 10;



And the WFD

- Measures to implement the Urban Waste Water Treatment must include the necessary measures under the WFD: article 11(3) and annex VI.A;
- Water pricing policy: charges for waste water collection and treatment reflect the principle of cost recovery and provide for an adequate contribution of different users: article 9.



The Blueprint

- For 2012
- Water resources use
- Fitness check
 - Political support
 - Financial support
- Linked emerging issues:
 - Water reuse
 - Micropollutants



Many thanks!

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http://ec.europa.eu/environment/water/water-urbanwaste/index_en.html