



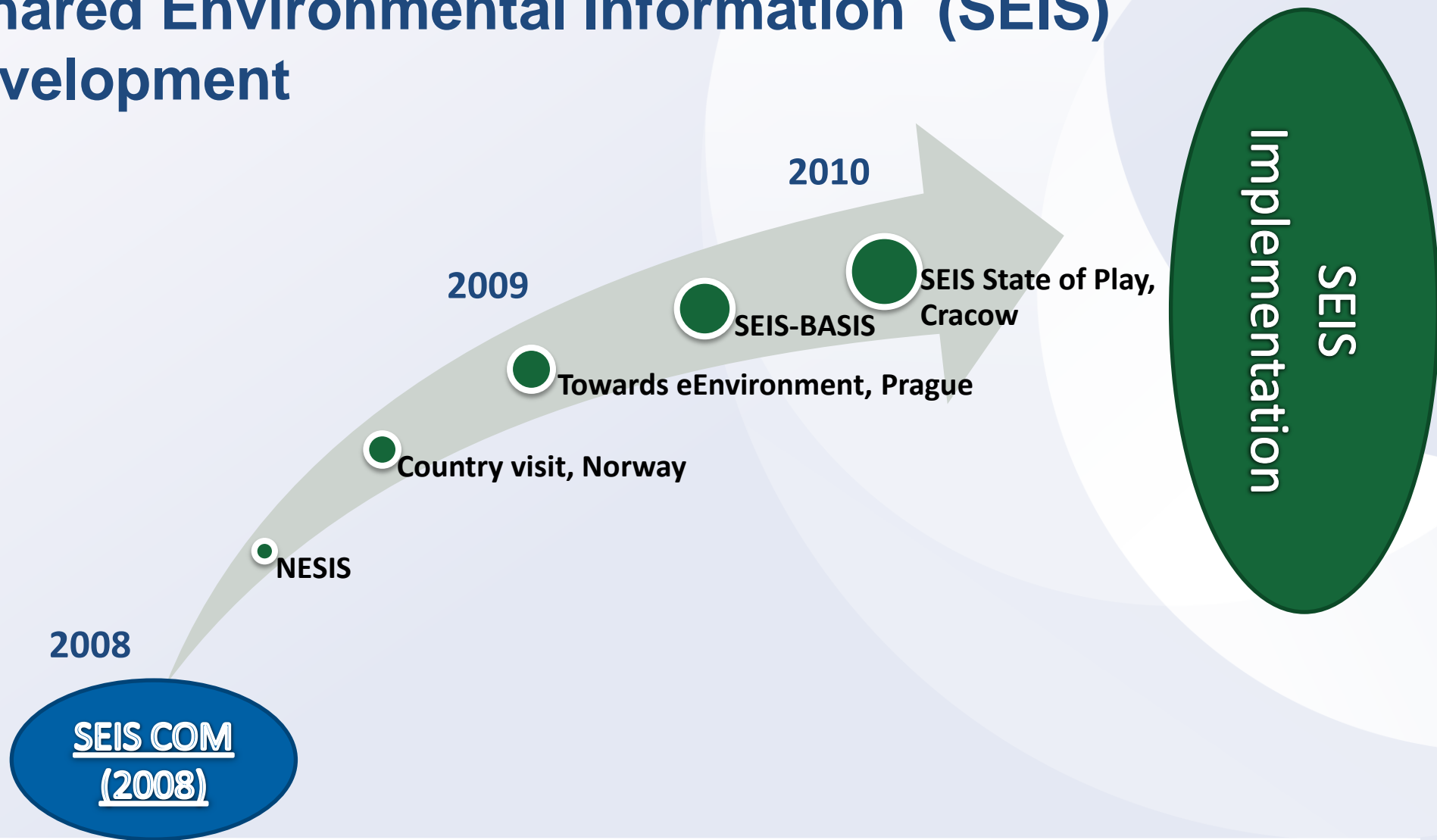
KLIMA- OG
FORURENSNINGS-
DIREKTORATET

SEIS

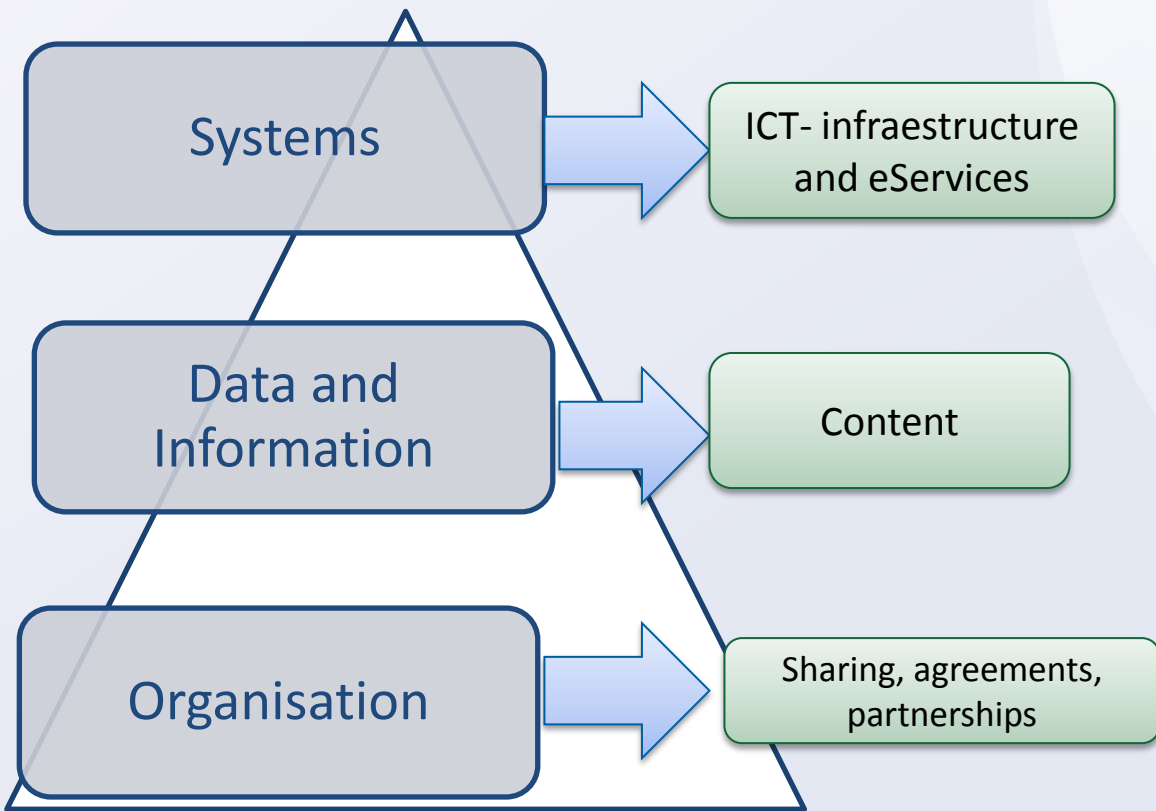
Related EU developments

Rengifo Ortega

Shared Environmental Information (SEIS) development

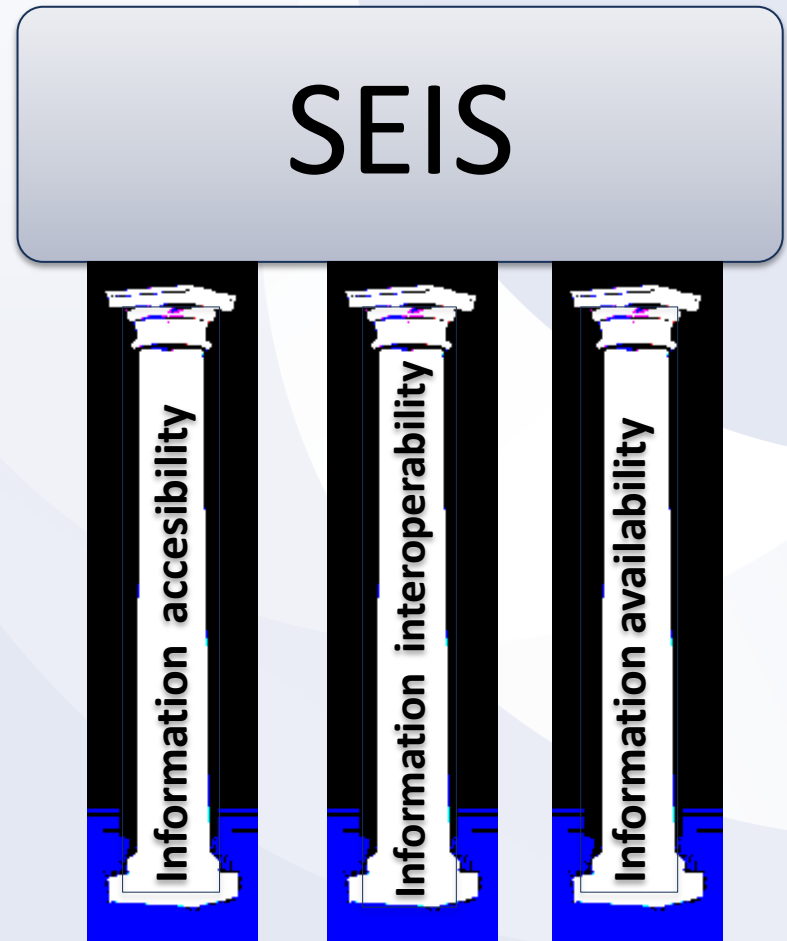


SEIS -EEA Vision



Forurensningsfri framtid

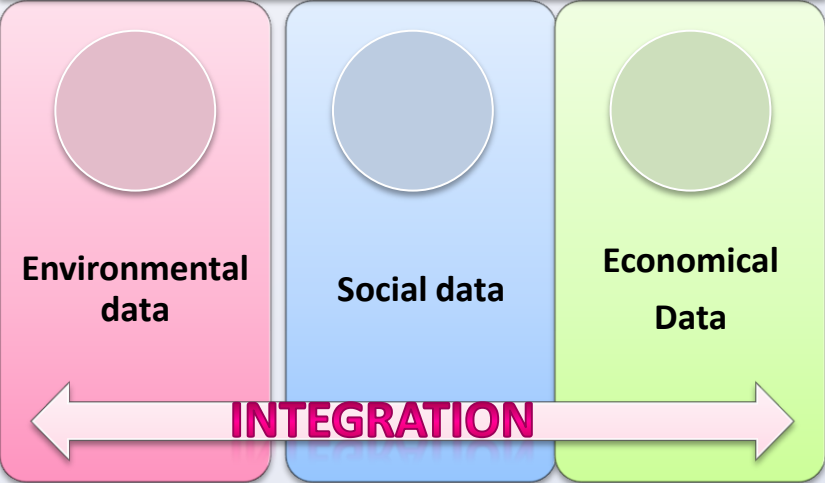
Pilars of SEIS



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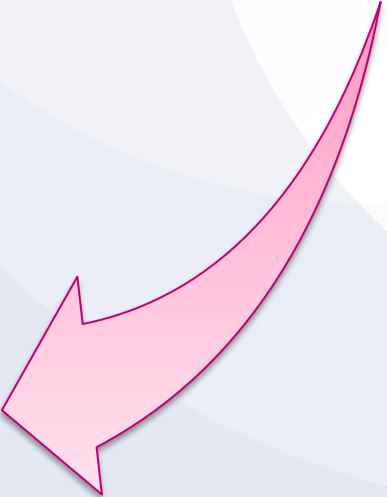
SEIS. A over-arching framework – Objectives

Organise vast array of data and information

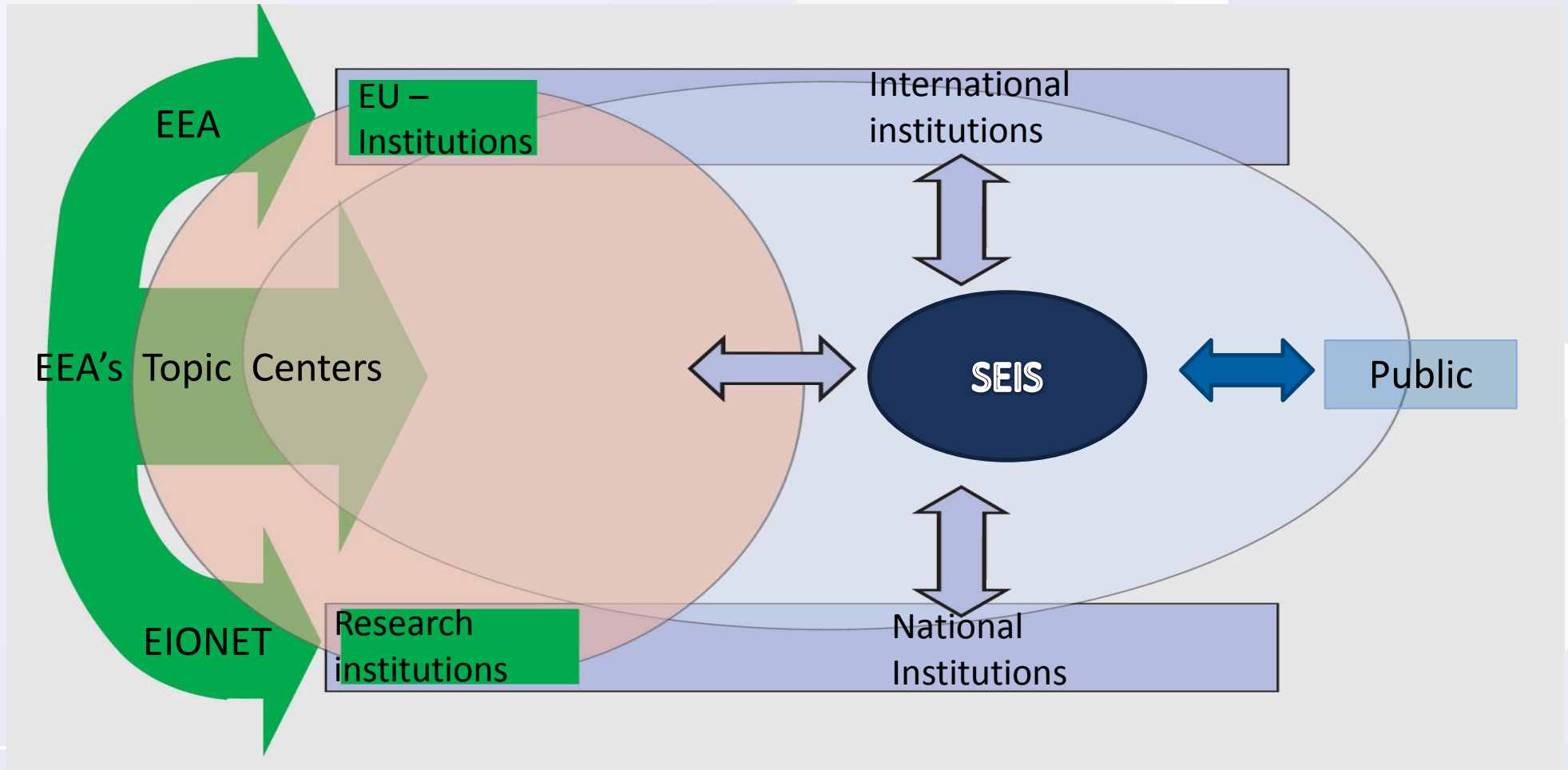


- Experts
- Policies makers
- Members states
- National institutions
- Int. Institutions

Analysis, future trends, policy making, eReporting and public information



SEIS at european level. Where should it be placed?



The reality-- Some issues about the environmental information in EU.

- **Interoperability issues (physical, semantic and organisational)**
- **Fragmented eEnvironment services**
- **Quality of data**
- **Lack of metadata**
- **Information for decision-making still found in unstructured data formats**
- **Lack of ontologies to describe world entities**

How can **Linked data** contribute to solve some of these problems?

- **By creating a minimum of information interoperability**
- **Generating a dynamic common **folksonomy** among environmental information stakeholders (collaborative creation of entity concepts) (e.g. Social tagging)**
- **Partially, improving metadata issues. Where is the data and information?**
- **By Linking information and data to geographical objects (e.g. INSPIRE)**

Thanks for your attention!

Questions?



References

- **Aman et al.**, 2008: StyLID: Social information Sharing with free creation of structured Linked data
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- **European Community** 2008: Towards a Shared Environmental Information System (SEIS), COM(2008) 0046 FINAL
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