



Share-PSI 2.0

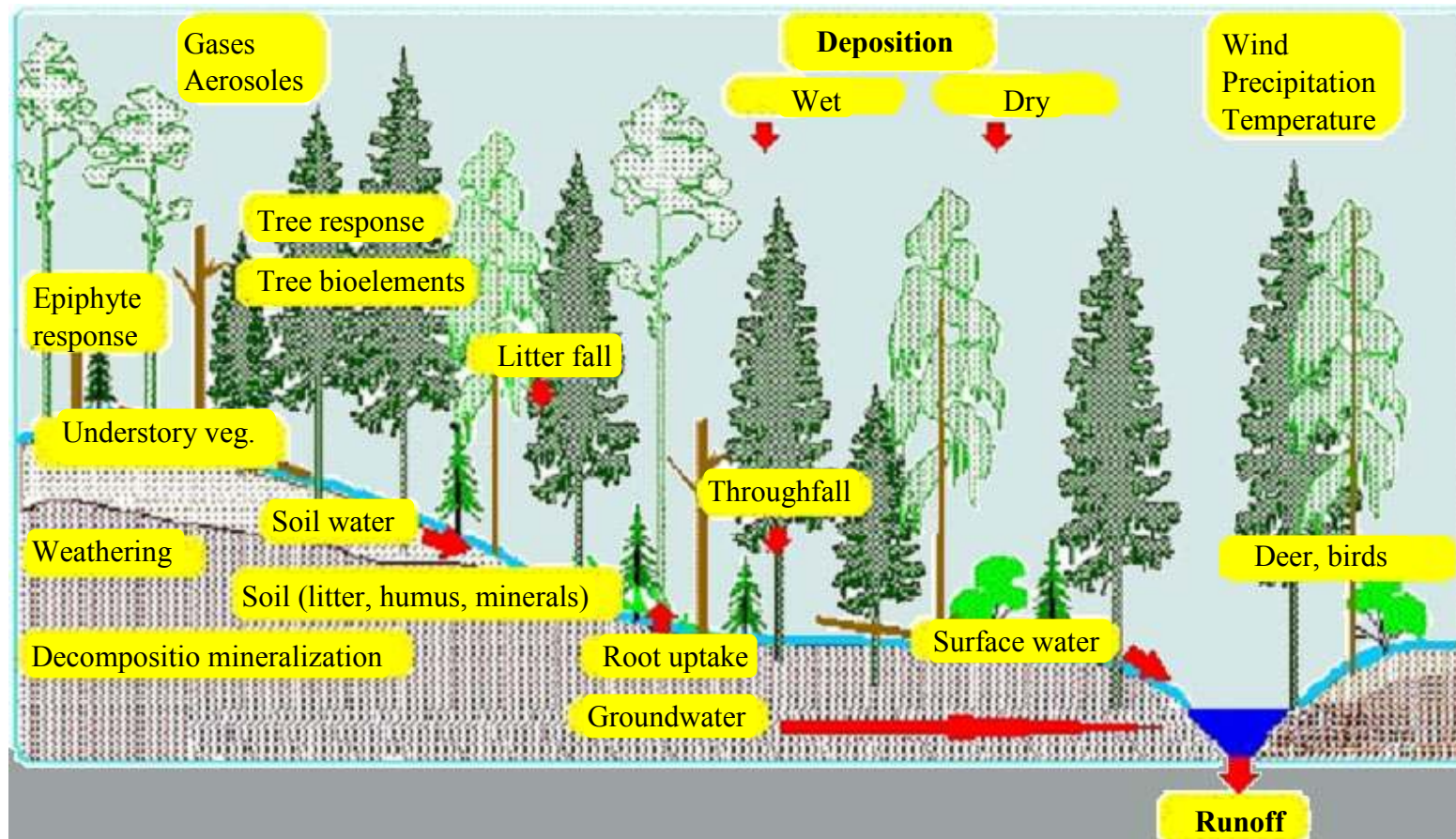
Semantics For The “Long Term Ecological researchers

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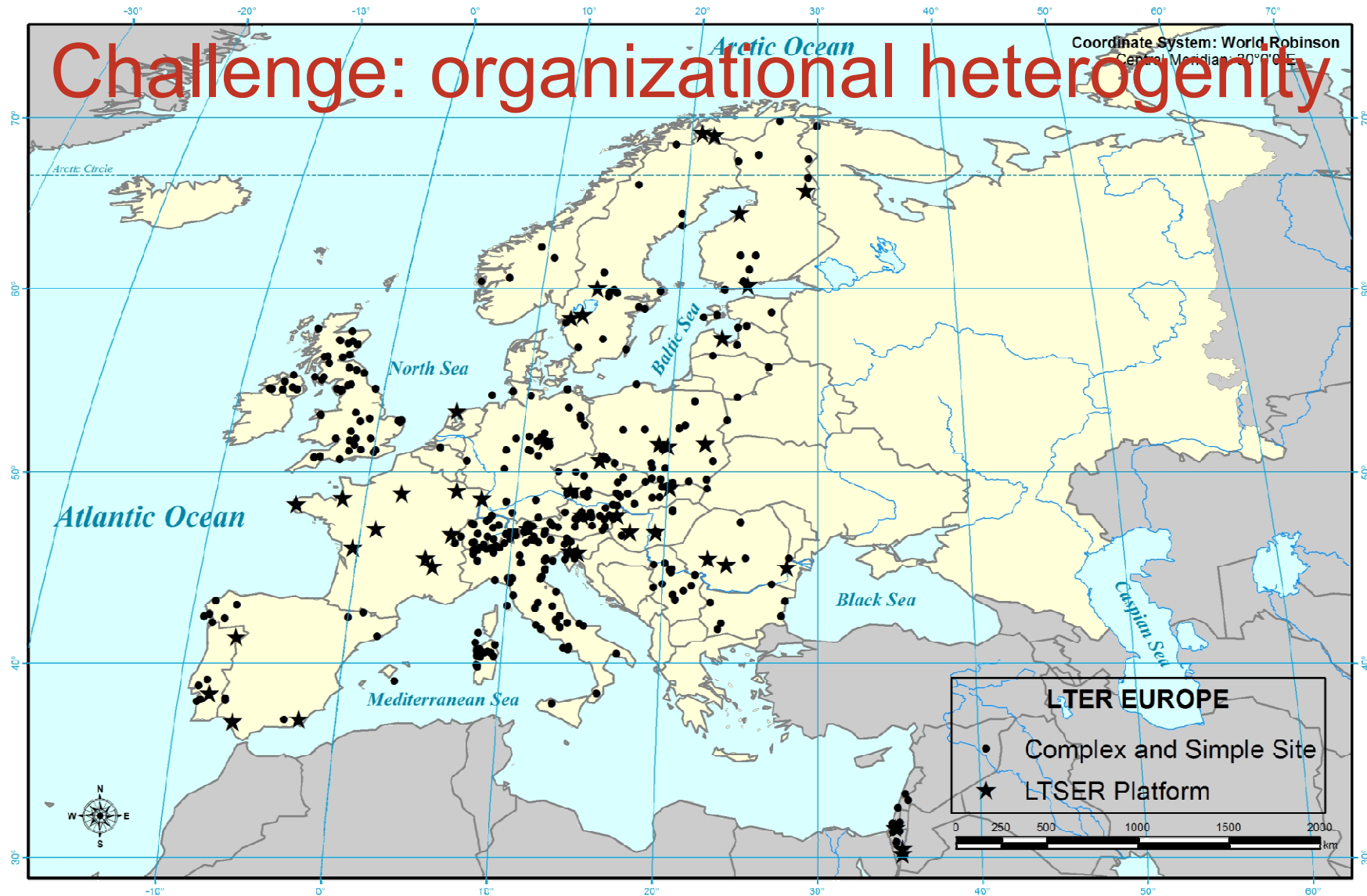
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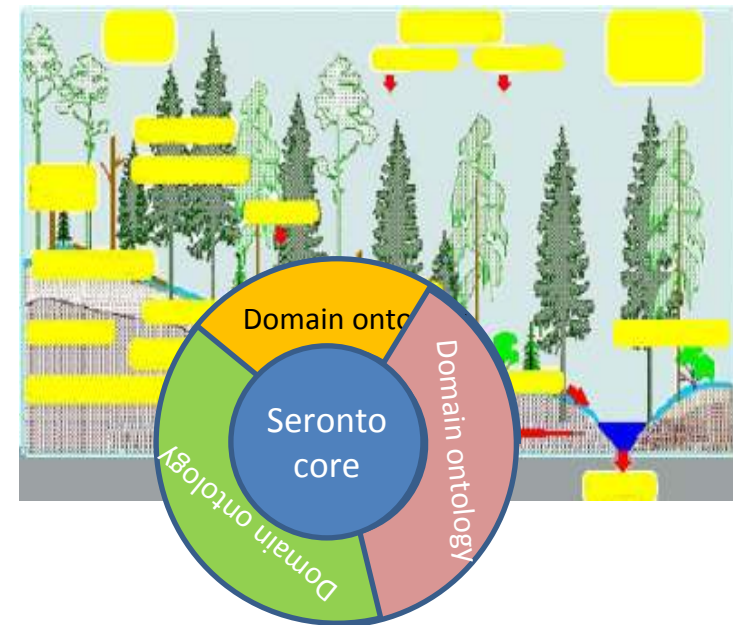
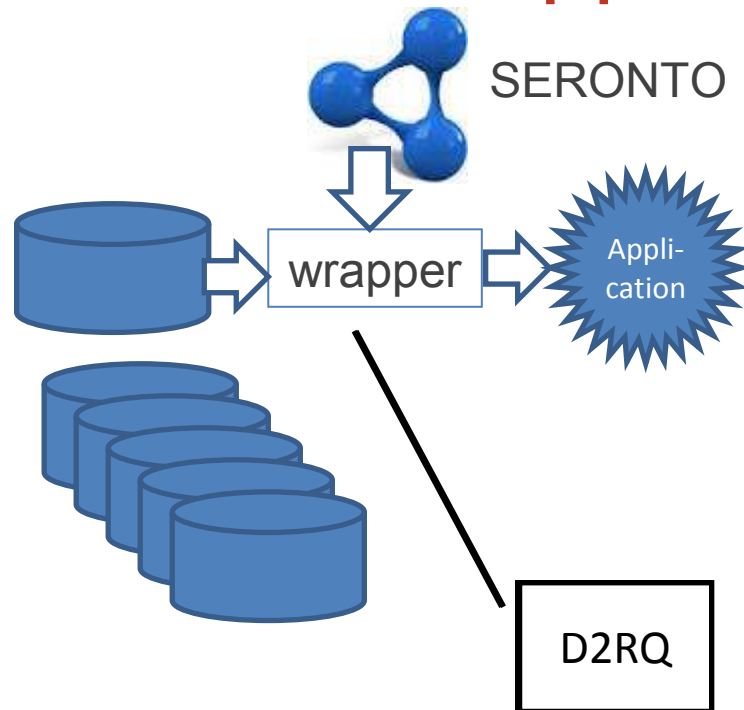
Challenge: thematic heterogeneity



Challenge: organizational heterogeneity



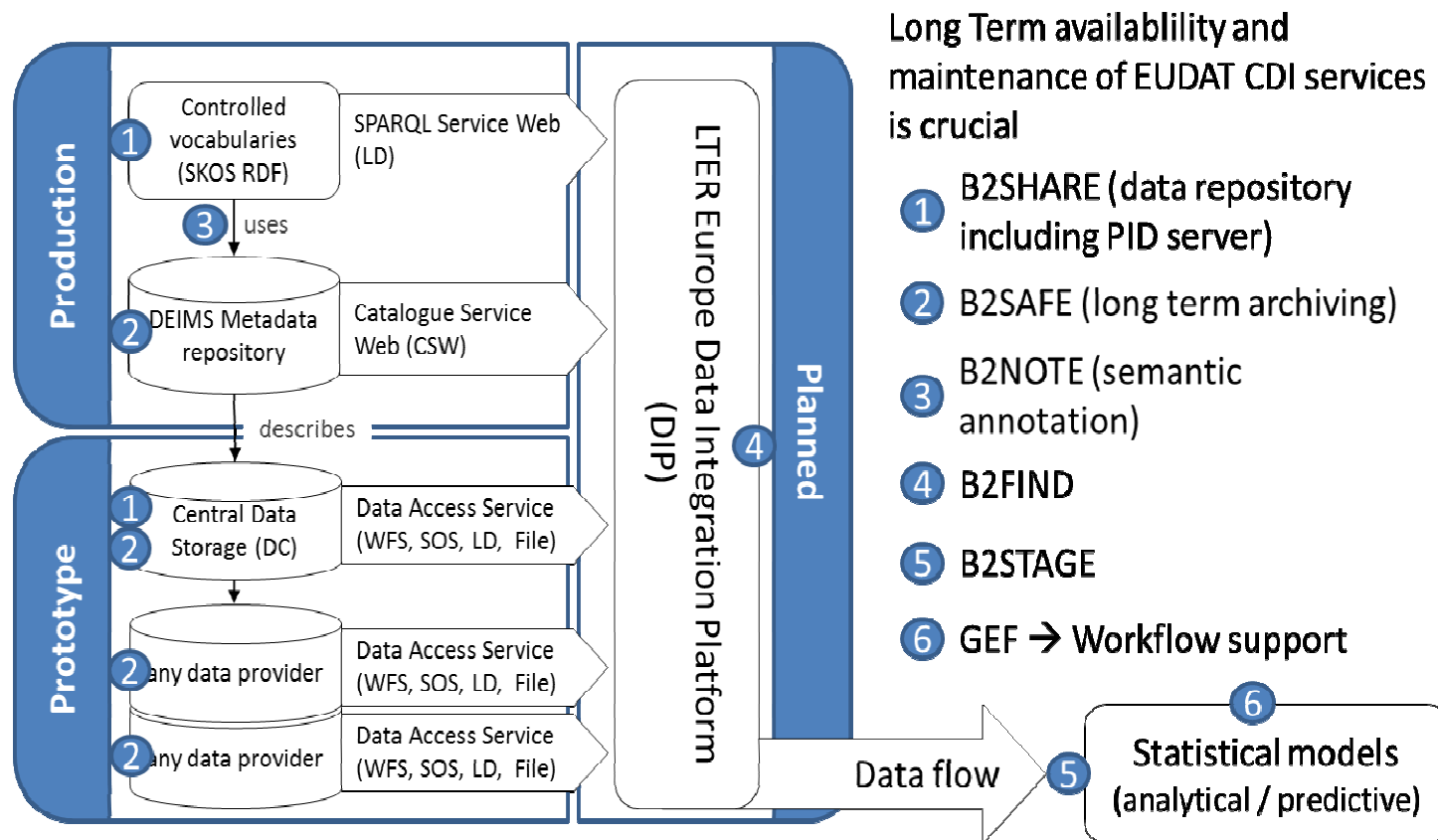
First approach SERONTO



<http://www.umweltbundesamt.at/fileadmin/site/daten/Ontologien/SERONTO/SERONTOCore20090205.owl>

Discussion about core ontology too long. No time for domain ontologies and application

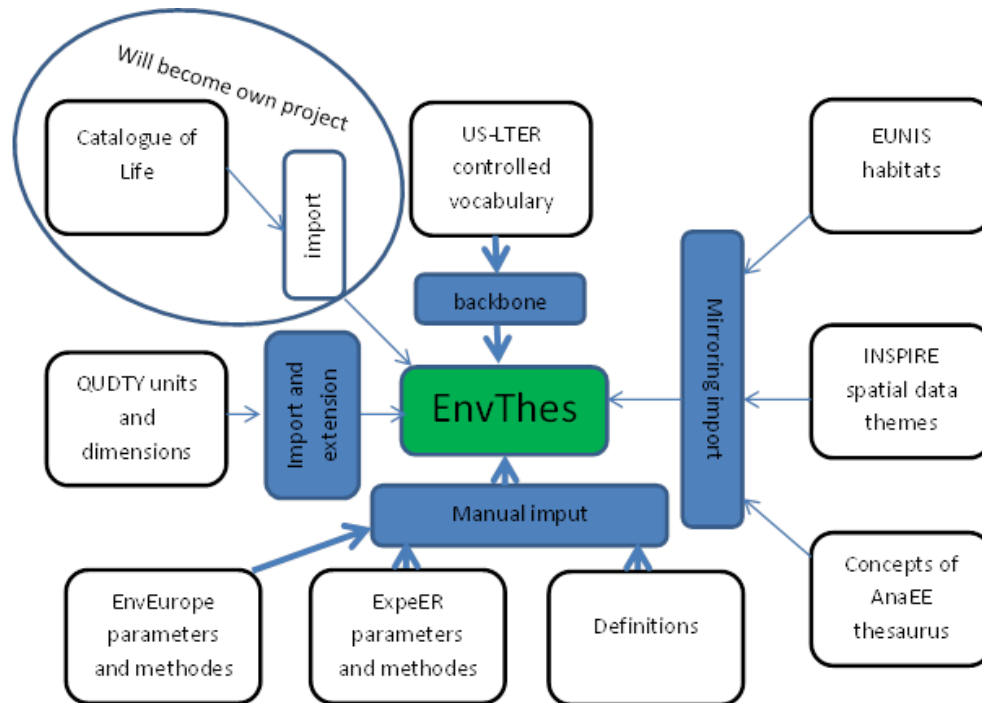
LTER architecture





EnvThes

<http://vocabs.lter-europe.net/EnvThesDev>



Parts of EnvThes



Links of EnvThes



Open issue ontology

- Thesaurus hierarchy is too flat – need to add ontology (close to ISO 19156).
- Biggest issues of common controlled vocabularies are organisational issues:
 - Not to reinvent wheels – vocabulary repositories needed. (bioPortal, linkedOpenVocabulary, webProtege,). Reuse of INSPIRE codelist registry, EUROVOC, AGROVOC, GEMET,
 - Not to create semantic silos: link vocabularies
 - Build partnerships – happy to be here



Open issue bring semantics to the data

- Connect data with their meaning (establish links to vocabularies) as soon as possible in the data life cycle.
 - Use of vocabularies within EXCEL
 - Use of vocabularies within Data Management Tools
 - Use of vocabularies within Metadata management Tools (work in progress: EnvThes – DEIMS link)
 - Presentation of links in evaluation tools (statistic tools, GISs, workflow tools, models) to offer possibility of „drill into meaning“



Links

- <http://www.isotc211.org/pow>