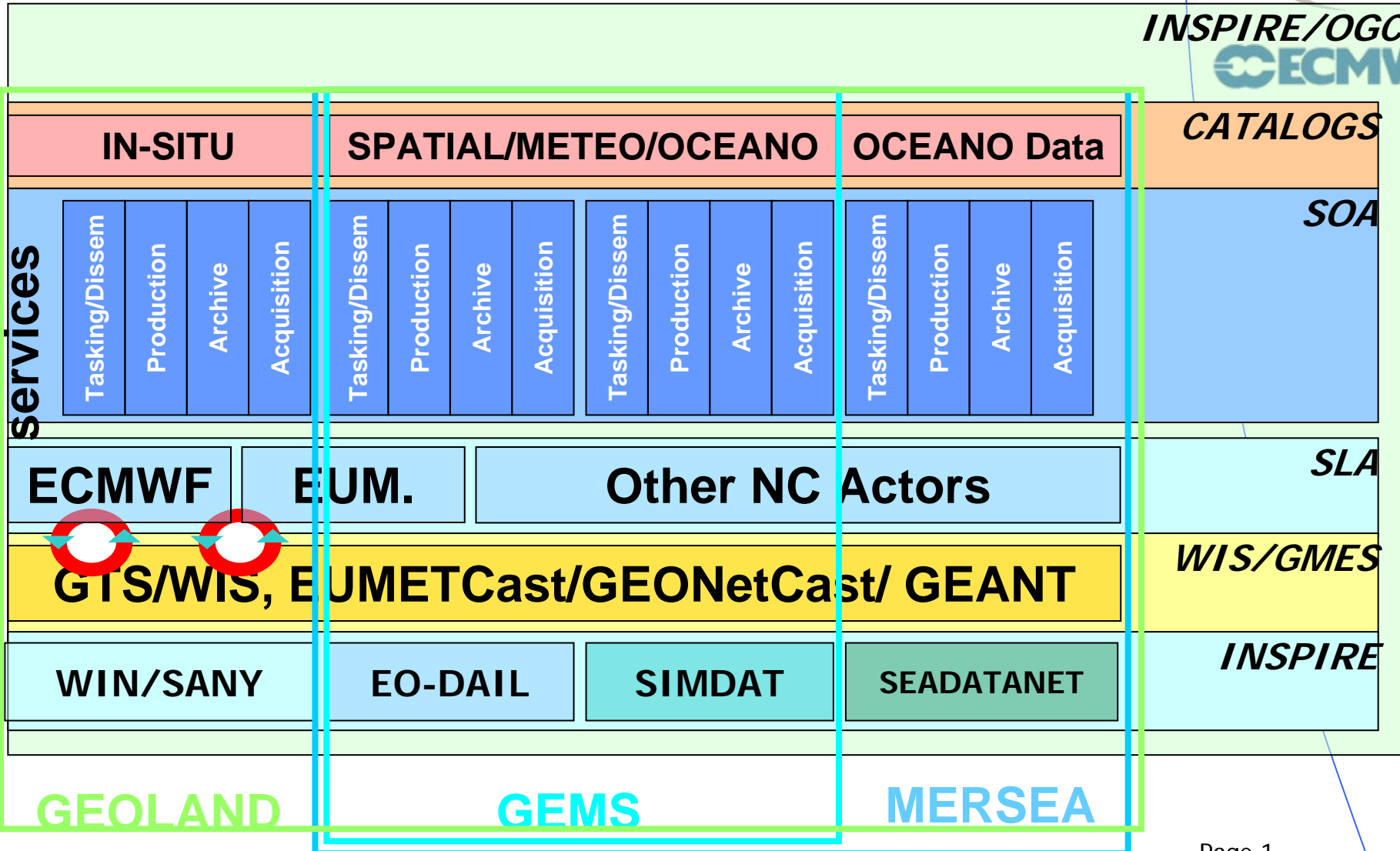


Suggested Architecture

Ideal World

INSPIRE/OGC
ECMWF



Suggested Architecture

Ideal World

WIS/GMES

WIS/GMES to co-exist as separate baseline infrastructures.
Links between them are TBD.

CATALOGS

Data are collected at NC level in catalogs, which are responsible of their update
Catalogs are hosted at NC.

SLA

NC shall subscript to SLA(Software Layer Agreement) contracts defining the rules for interoperability in accordance with INSPIRE.

SOA

Services are based upon SOA Architecture.
Services are proposed by NCs.

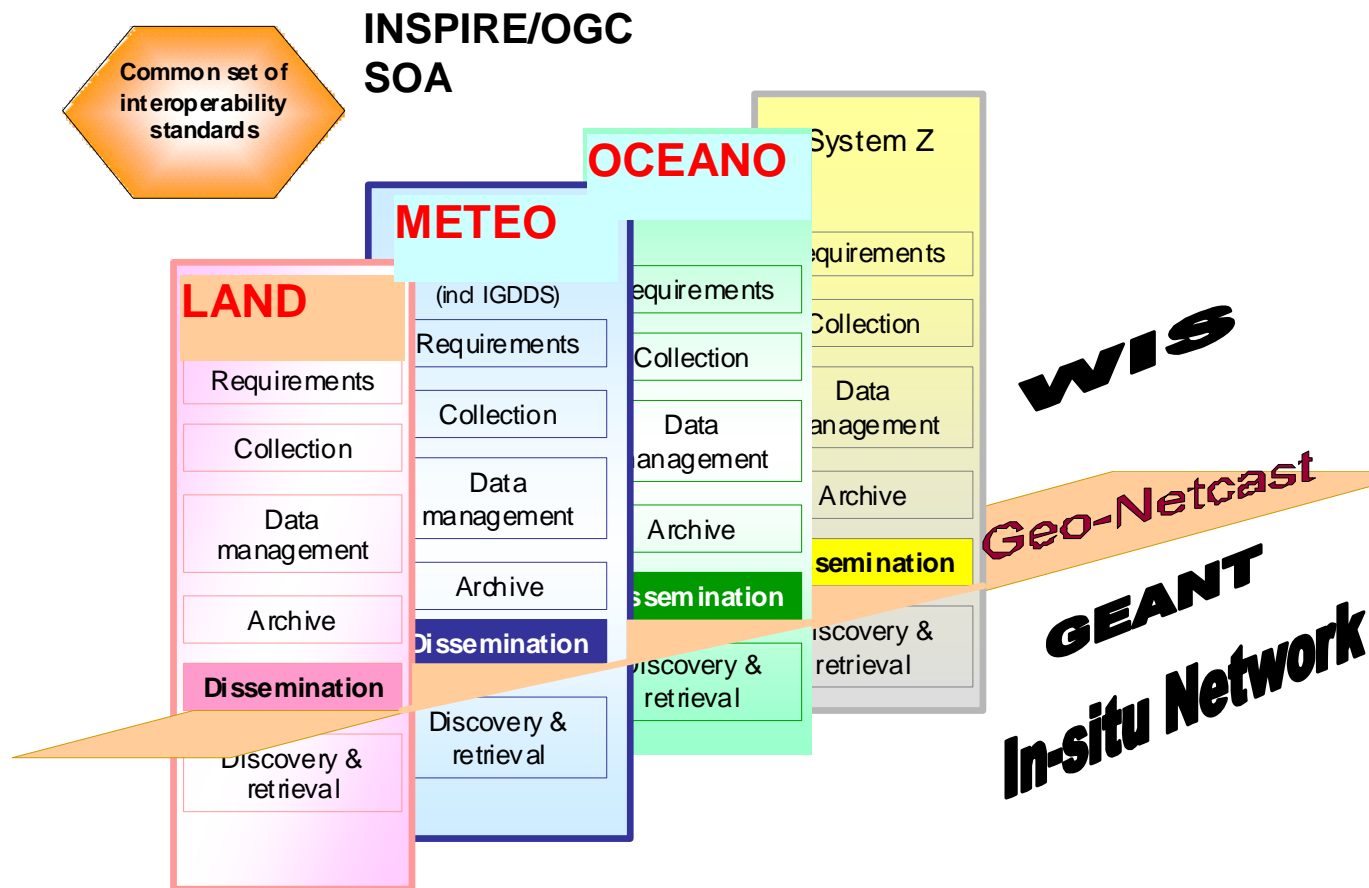
INSPIRE

Portals shall respect INSPIRE rules in order to have interoperability and common models for various Data types



Suggested Architecture

Ideal World



Suggested Architecture

Networks classification

For Operational purpose

- Regular Data Dissemination
 GEONetCast (as a service of WIS/GMES)
- Regular Data Distribution and Retrieving
 WIS, GMES (TBD)

For Research purpose

- On-Demand Data Retrieving and distribution
 GEANT (as a service of WIS/GMES)

Data Collection

At NC level

Responsibility of NC is depending on the theme

NC are responsible of updating and maintaining Catalogs

