Implementation of SEIS in the Czech Republic

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Czech ENvironmental Information Agency

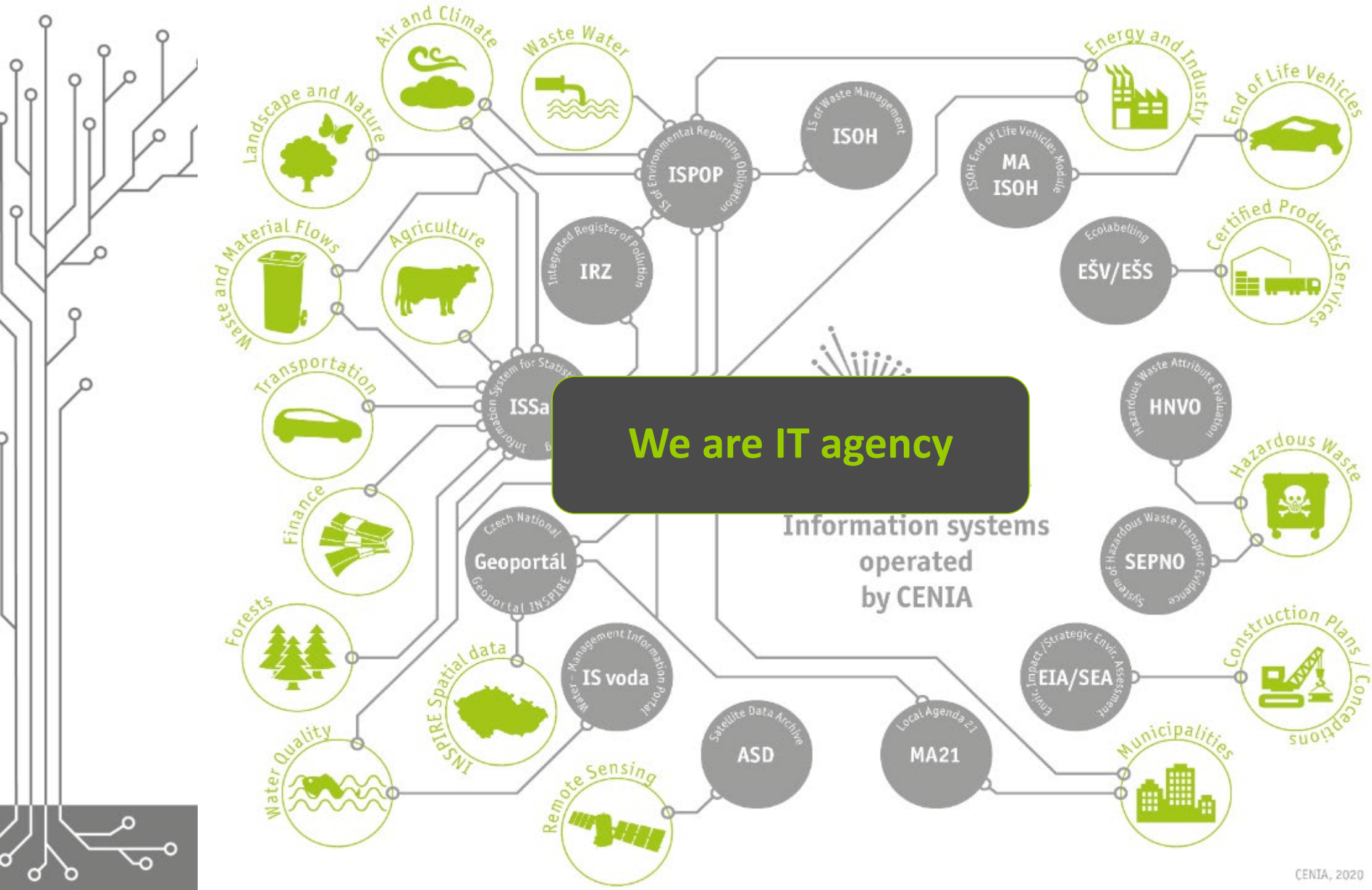
We are state agency

Ministerstvo životního prostředí

We are information agency

We are assessment agency…

cenia


Air and Climate
Waste Water
Energy and Industry
End of Life Vehicles
Landscape and Nature
ISPOP
IS of Environmental Reporting Obligation
ISOH
IS of Waste Management
MA ISOH
ISOH End of Life Vehicles Module
Waste and Material Flows
Agriculture
IRZ
Integrated Register of Pollution
Ecolabelling
EŠV/EŠS
Certified Products/Services
Transportation
ISSa
Hazardous Waste Attribute Evaluation
HNVO
Hazardous Waste
Finance
Czech National Geoportál
Geoportál INSPIRE
SEPNO
System of Hazardous Waste Transport Evidence
Forests
INSPIRE Spatial data
IS voda
Water Management Information Portal
Environ. Impact / Strategic Envir. Assessment
EIA/SEA
Construction Plans / Conceptions
Water Quality
Satellite Data Archive
ASD
Local Agenda 21
MA21
Municipalities
Remote Sensing
We are IT agency
Information systems operated by CENIA

Institutional basis of environmental reporting in the Czech rep.

Drivers

- Czech Statistical office

Pressure

- CENIA
- Czech Hydrometerological office
- Czech Statistical office
- MoE+ their org.
- MoAgri + their org.
- MoTrans + their org.
- MoIndus + their org.

State

- Czech Hydrometerological office
- Nature Conservation Agency of the Czech Republic
- Czech environmental inspection
- MoAgri + their org.+ MoTrans + their org.+MoIndus + their org.

Impact

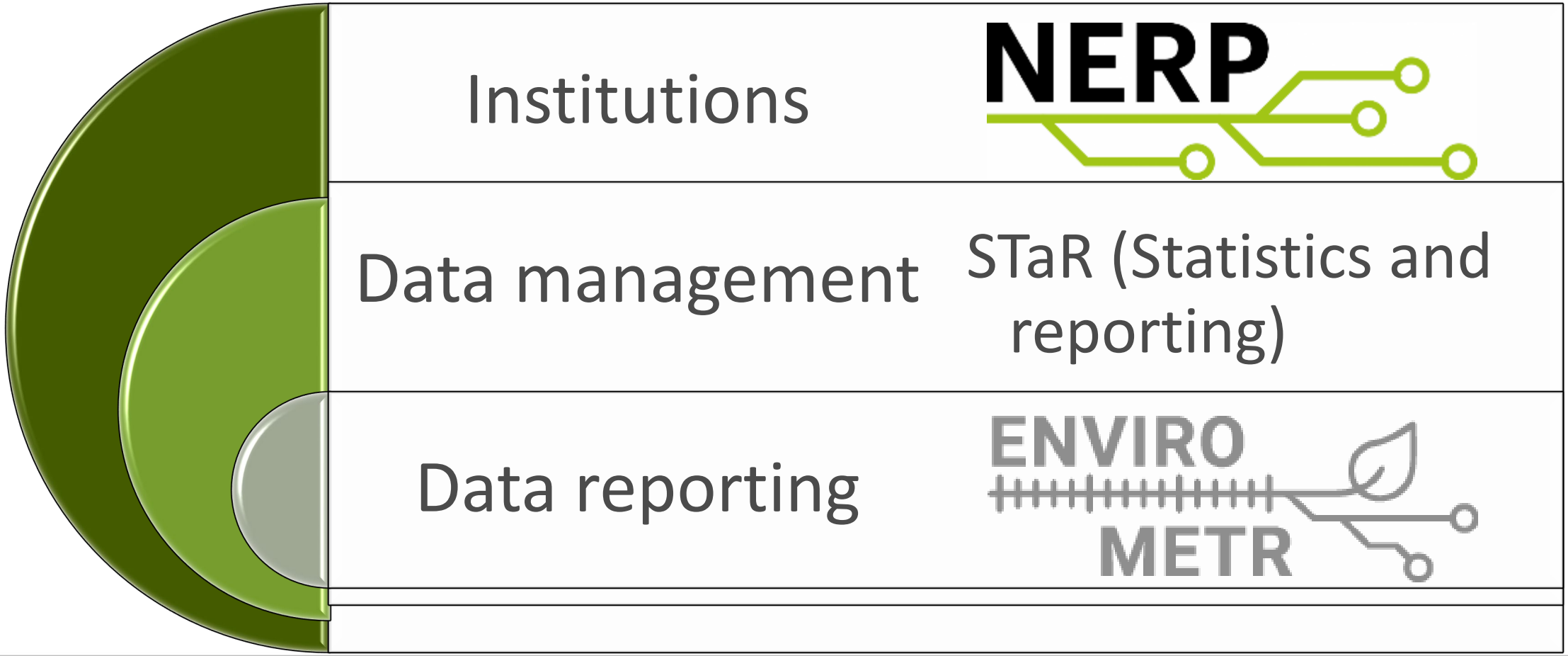
Response

- CENIA
- MoE+other ministeries

Challenges of Czech system

- A lot of data sources – e.g. for annual publication State of the Environment we recieve data from 60+ institutions
- A lot of data formats – getting better with Open data format
- A lot of places to report data – national reporting, european reporting, international reporting
- A lot of competencies among key players
- A lot of different technologies
- A lot of different methodologies and philosophies to data management

Three layers



Why we need NERP

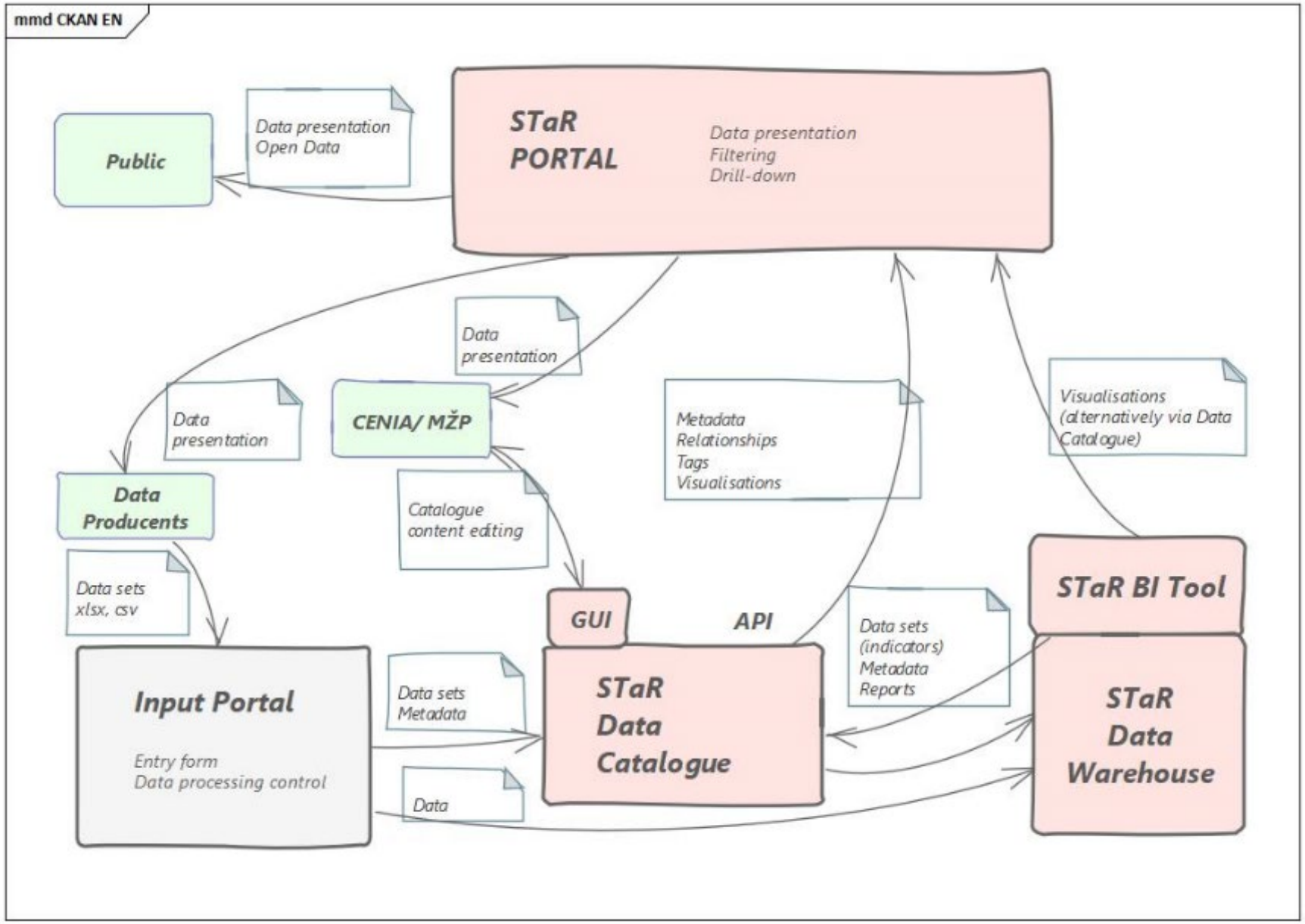
- National environmental reporting platform
- Setting up data flows, data ownership rules, metadata formats and many other issues
- Open data, data acces, high value datasets
- Development of common approach in environmental reporting

Why do we need STaR

- Data management and consolidation
- Data archivation
- Bussiness inteligence platform

Why we need Enviromet

How does it work?



Thank you for your attention