European Commission

Enterprise Information Management and Service Portfolio Management for the Public Sector

SEMIC 2015 Conference - 05 May 2015, Riga
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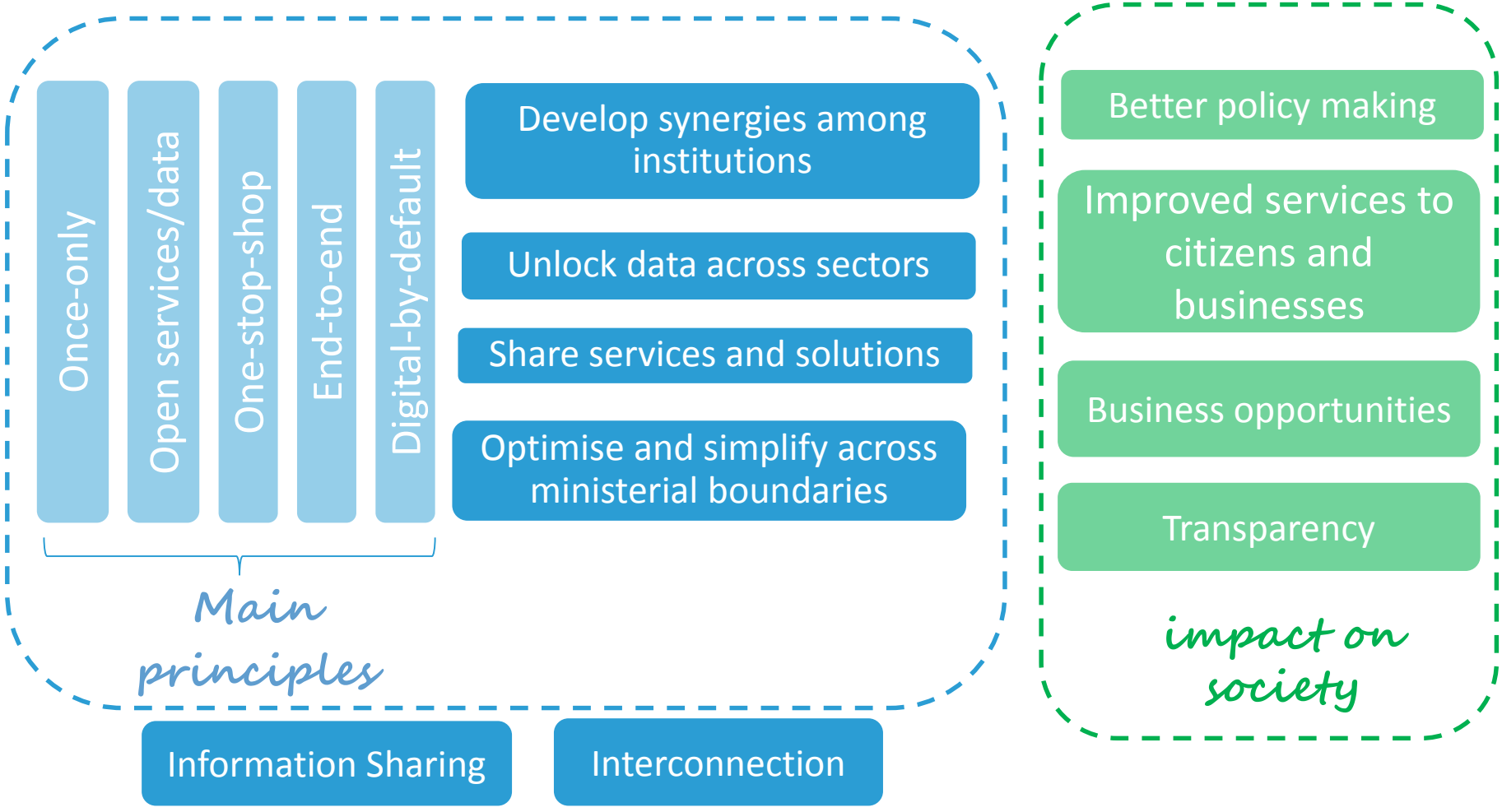
ISA

Interoperability - What is it about?



European Commission

ISA²

Interoperability

Solutions for European Public

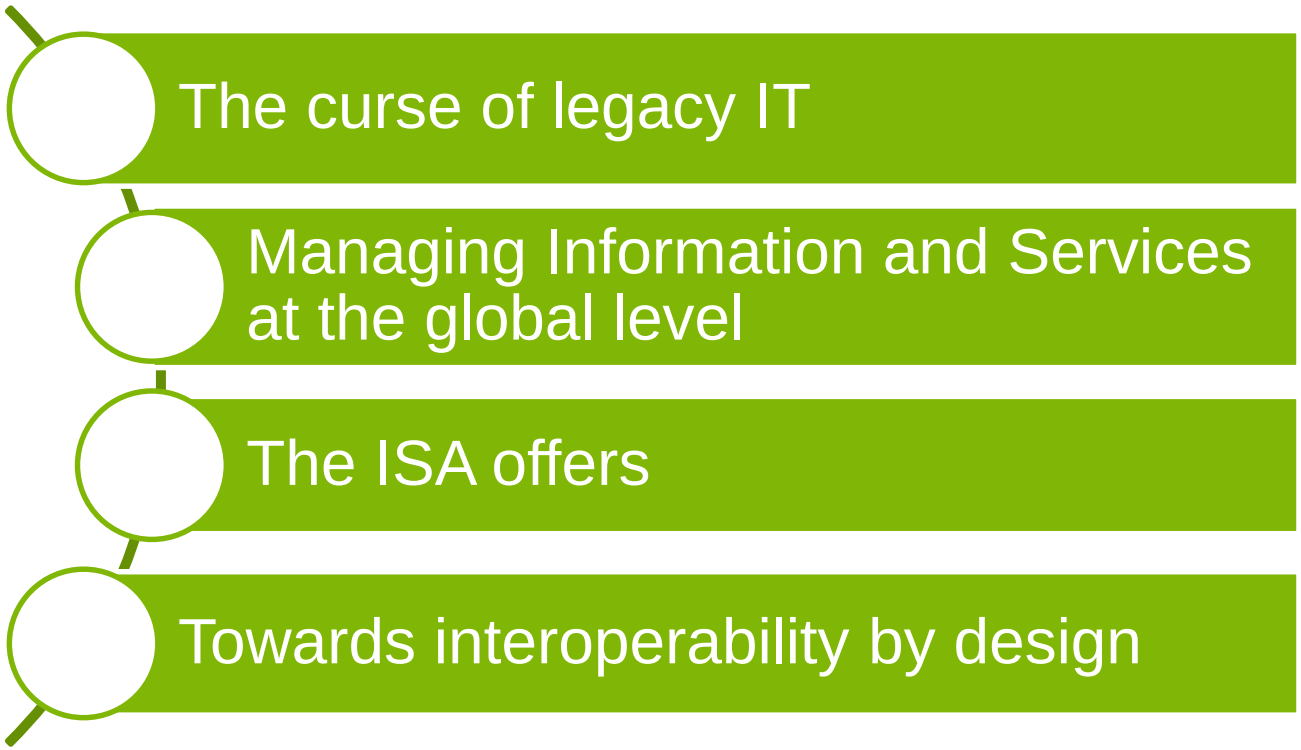
Administrations, Businesses and Citizens

The objective

The ISA^2 programme shall **facilitate** efficient and effective electronic **cross-border or cross-sector** interaction between **European** public administrations and between them and citizens and businesses.

Implementation:

- **The new programme is set to run from 2016 until 2020**
- **Alignment with Multi-annual Financial Framework (MFF)**
- **The operational financial envelope is approximately 131 million Euro**
- **Proposals from Member States and Commission services executed by the European Commission**


The curse of legacy IT
Managing Information and Services at the global level
The ISA offers
Towards interoperability by design

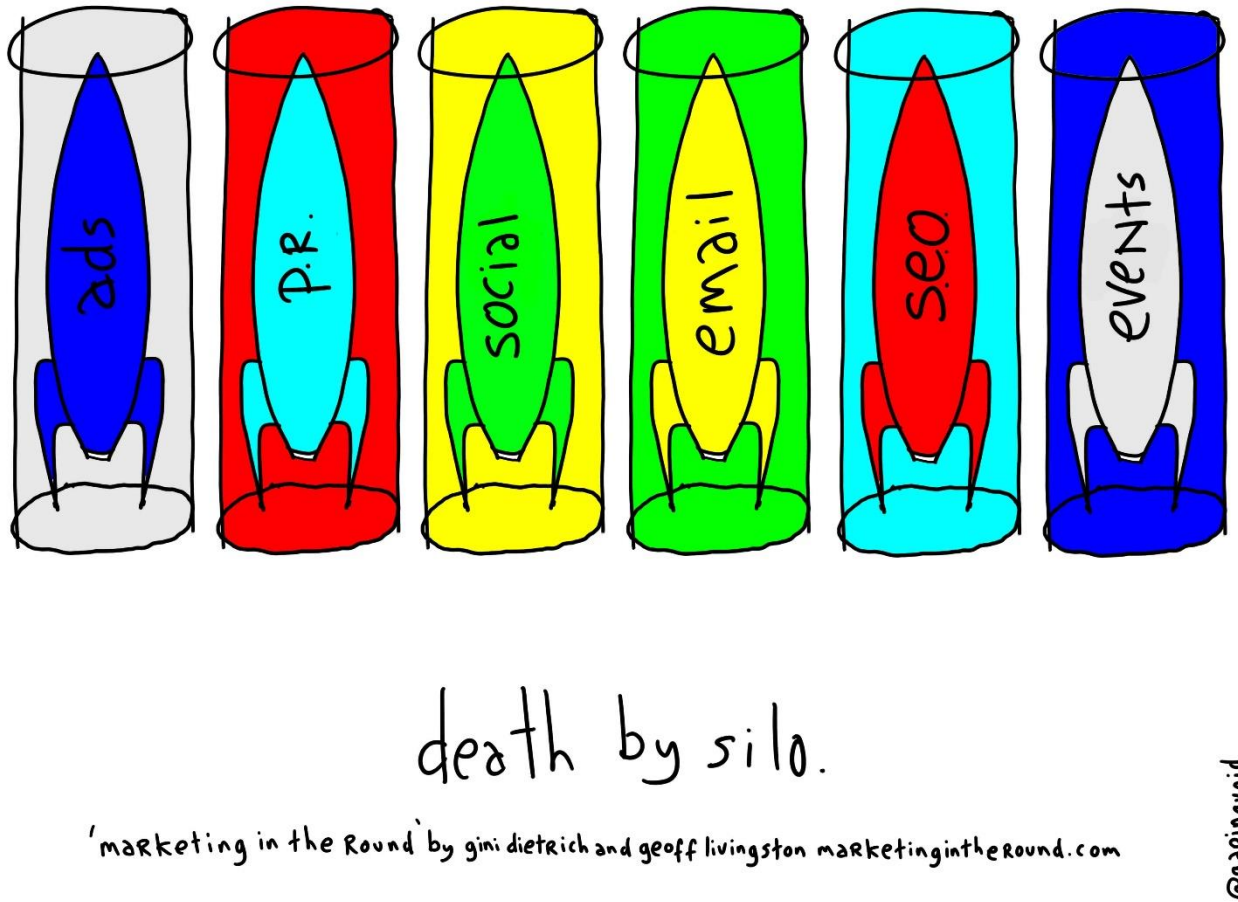
The curse of legacy IT

We already have great electronic systems and services

- eTaxation
- eID
- eProcurement
- Open Data Portals
- ePayments
- eForms
- eJustice
- eHealth
- eConsultation
- eDocuments
- eCities
- eGov portals

…but we develop our systems as isolated islands

The curse of legacy IT



Taken from https://www.flickr.com/photos/geoliv/7172754660/

The curse of legacy IT

"If only HP knew what HP knows,

we would be three-times more productive"

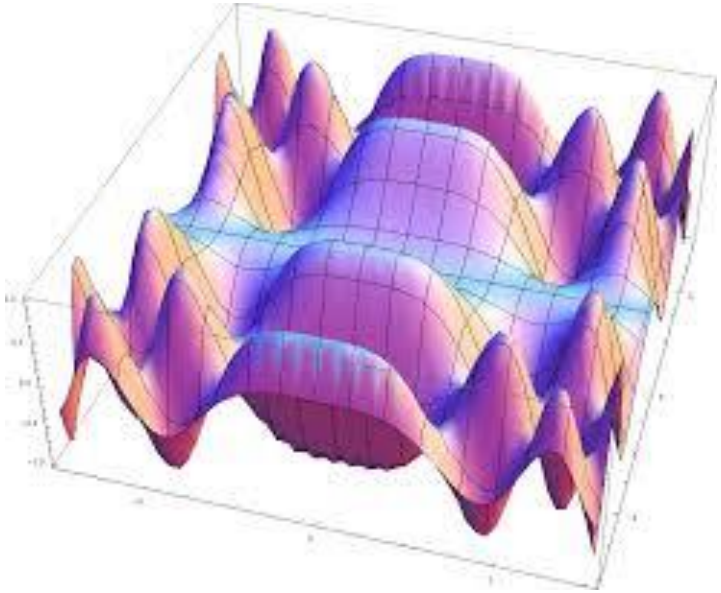
Lew Platt, ex chief executive Hewlett-Packard

The eGov Mantras

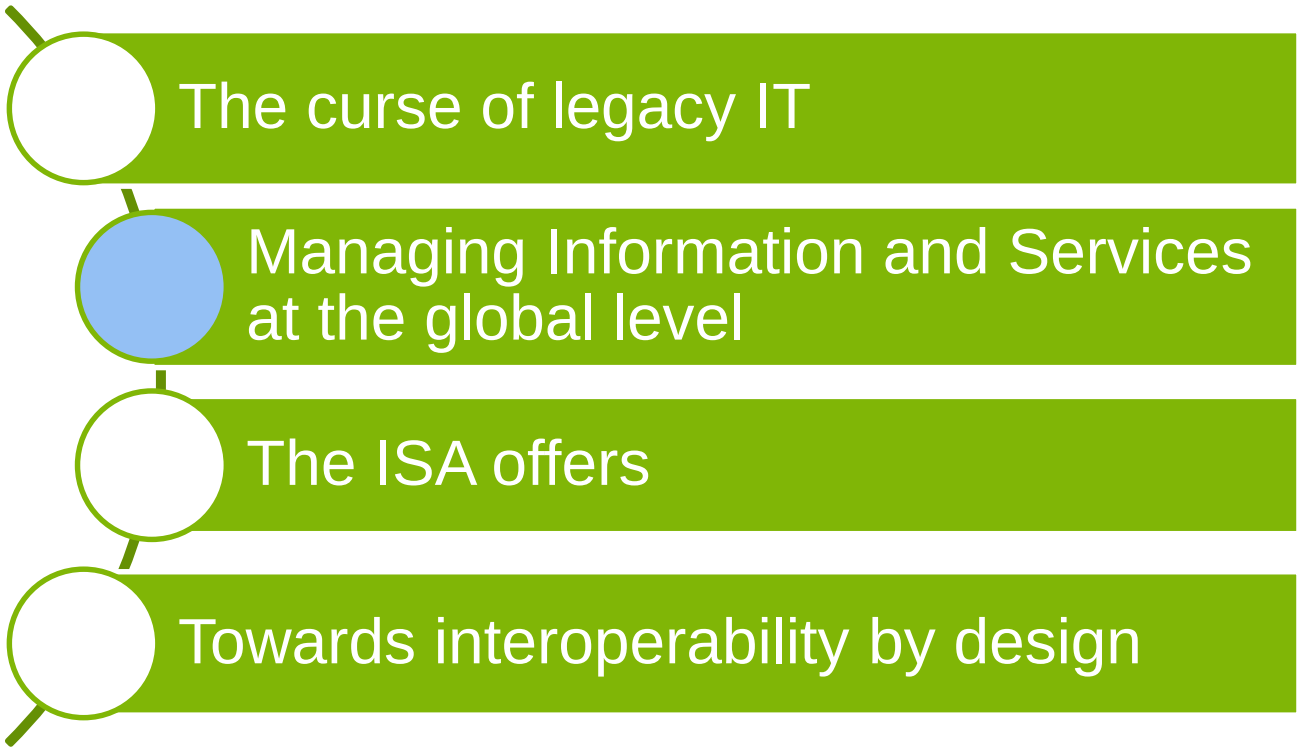
- “Once Only” Principle
- One Stop Shop & Point of Single Contact
- Personalised & Citizen-centric services
- Digital by Default
- Open by Default

The curse of legacy IT

- Who cares about the global optimum
- How to ensure horizontal oversight & coordination
- How to achieve global integration with local responsiveness



Global v. Local Optimum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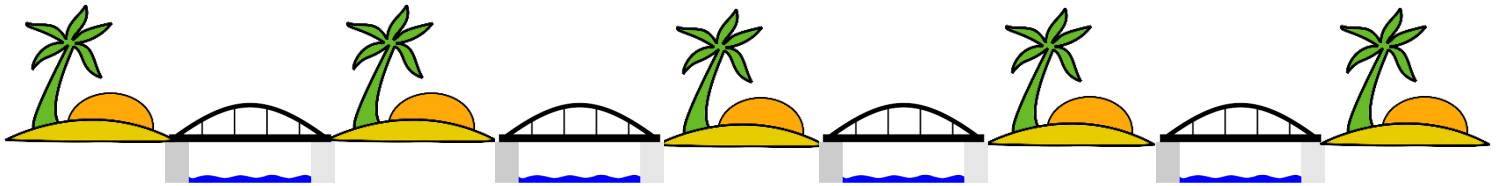
…but we develop our systems as isolated islands



INTEROPERABILITY

**Managing Information and Services
at the global (aka Enterprise) level**

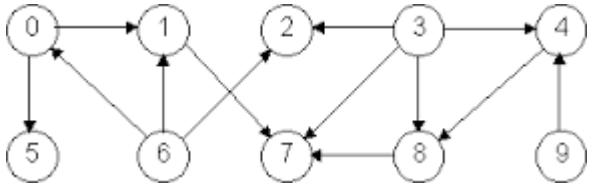
European Commission

Managing Information and Services at the global (aka Enterprise) level

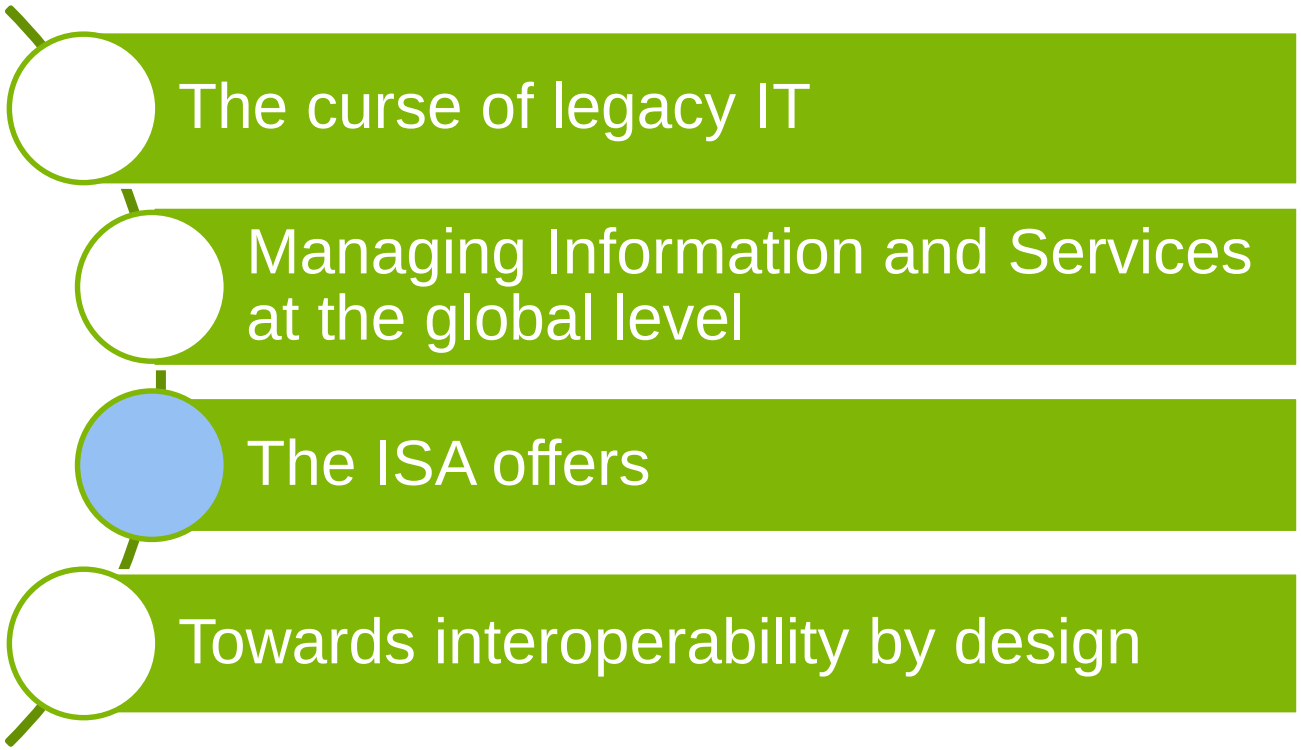
- Information sharing
  - Governance (who CRUD)
  - Agreements on information structures and meaning

Data Standards

- Service coordination
  - Know your services
  - Document them
  - Understand the info flow
  - Find connections
  - Manage the whole portfolio



Service Standards
Service Catalogue
Service Portfolio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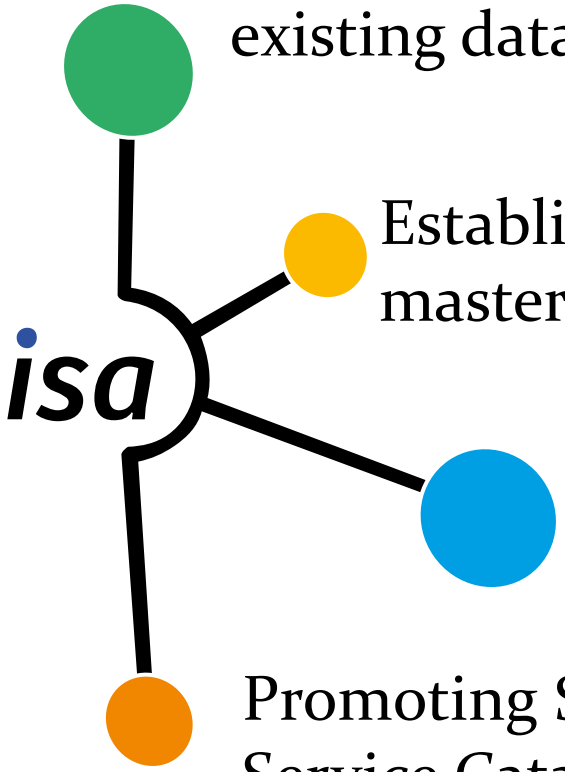


Increasing visibility of existing data standards

ADMS & Joinup Catalogue of data standards

Establishing core standards for master data (base registries)

Core Vocabularies & Access to Base Registries

Improving interoperability of open data

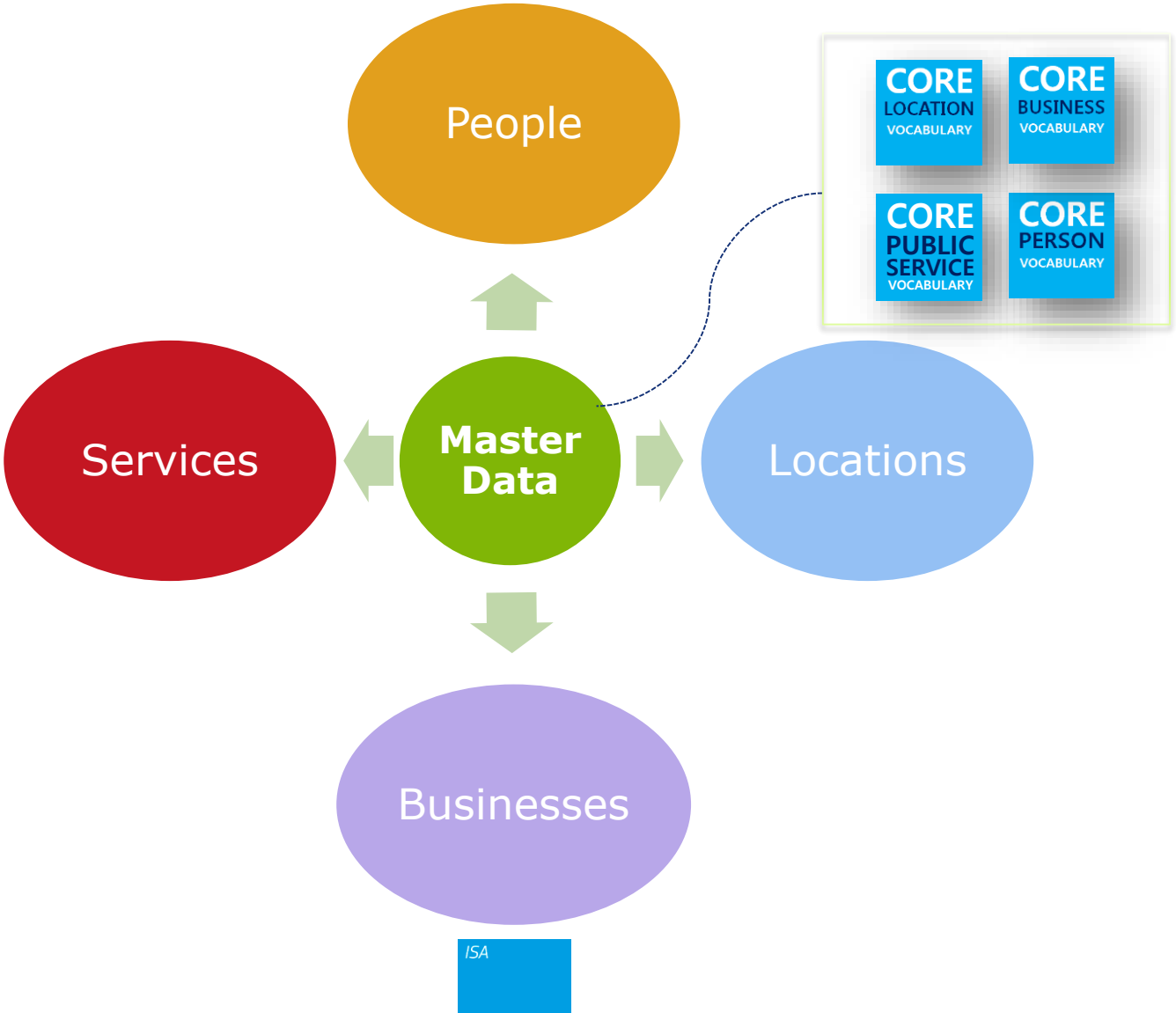
DCAT-AP

Promoting Service Models and Service Catalogue tools

Catalogue of Services

Pilots | Communities | Studies | Visits | Events

The ISA offers



The curse of legacy IT
Managing Information and Services at the global level
The ISA goodies
Towards interoperability by design

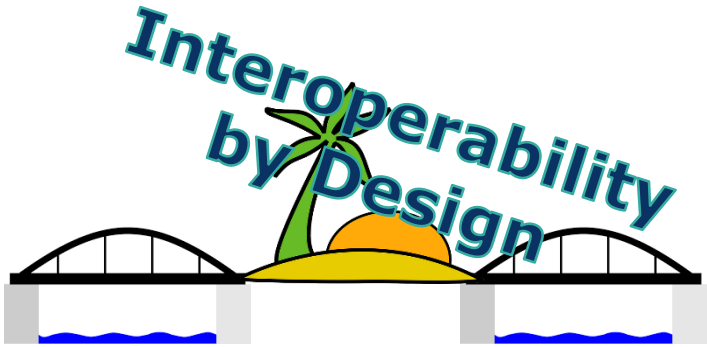
Interoperability by design

Moving from…

- Close-world system design
  - I know all my clients and their requirements
    - Island IT design

towards…

- Open-world system design
  - I don't know who and how in the future will use my data and services
    - Standards/component based design



Conclusion

- Global policy overview and coordination to achieve goals like “once only”, “one stop shop”, “open by default”, “citizen-centric services”
- Isolated systems pursing local optimisation are not enough
- Enterprise Information Management and Service Portfolio Management are silo-breakers
- Corporate governance coupled by data and service standards are needed for public administrations to achieve interoperability by design.
- These standards can only be successfully developed and applied by awaken international and national communities

Contact us

European Commission

Questions

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Visit our initiatives joinup

CESAR COMMUNITY OF EUROPEAN SEMANTIC ASSETS REPOSITORIES

ADMS ASSET DESCRIPTION METADATA SCHEMA

DCAT APPLICATION PROFILE FOR EUROPEAN DATA PORTALS

SOFTWARE FORGES COMMUNITY

ADMS.SW

eGOVERNMENT CORE VOCABULARIES

CORE PUBLIC SERVICE VOCABULARY

CORE LOCATION VOCABULARY

CORE BUSINESS VOCABULARY

CORE PERSON VOCABULARY

ISA

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