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Presidencia Española de la Unión Europea

Administración abierta:
entra sin llamar

tecnimap 20 10 Zaragoza
del 6 al 9 de abril

Introduction to the ISA Programme

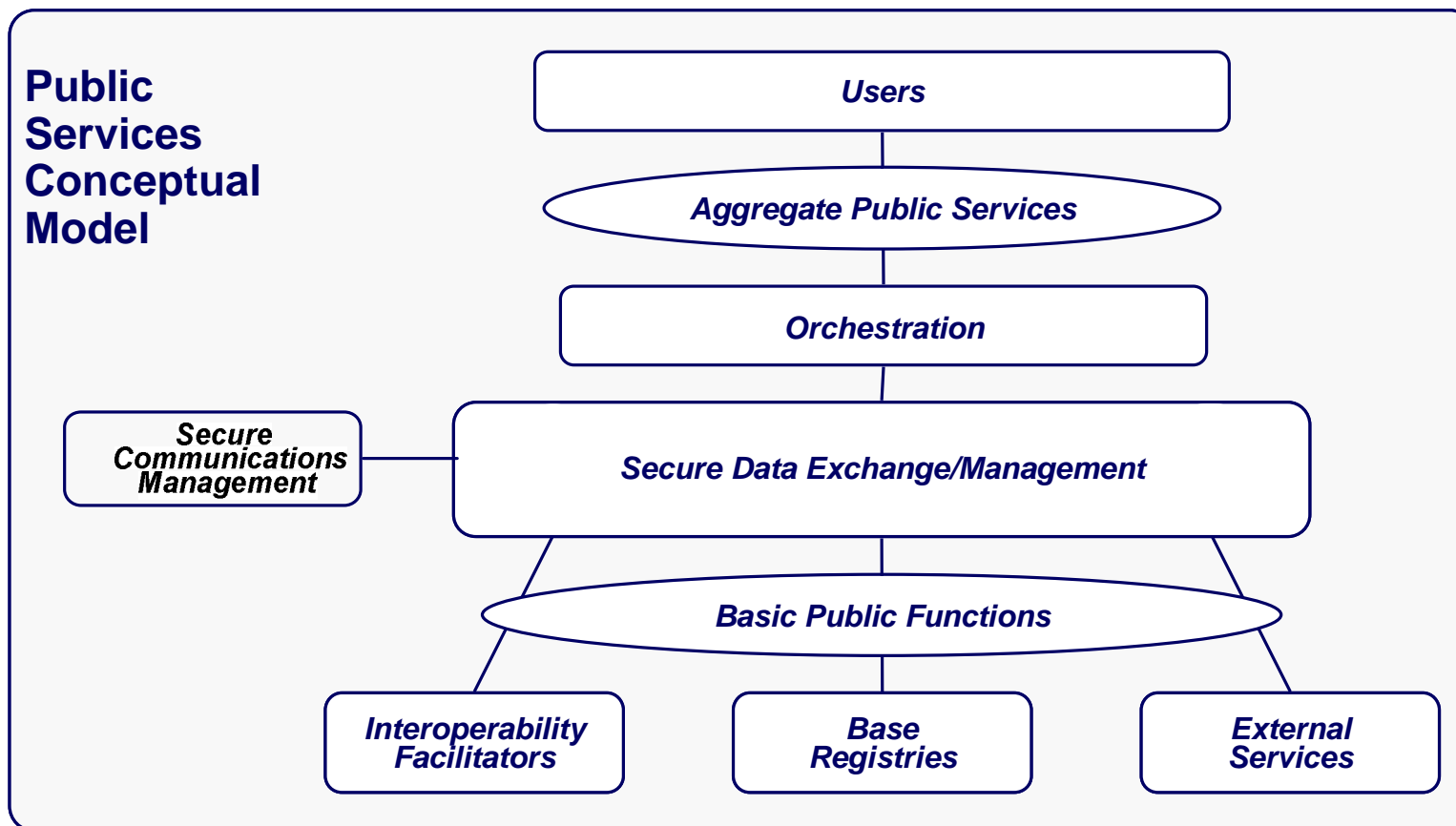Interoperability solutions for European Public Administrations (ISA)
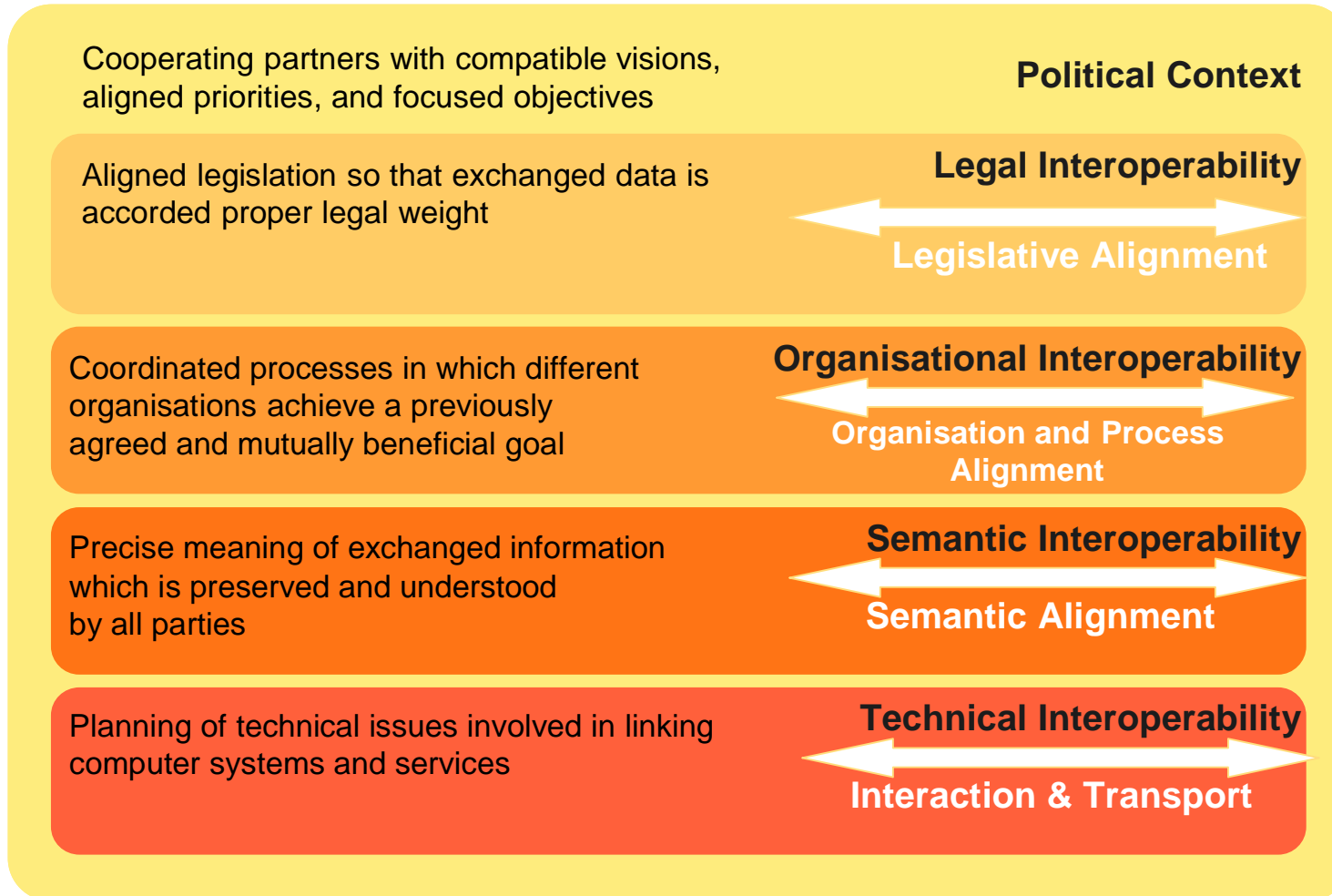
Karel De Vriendt

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- eGovernment is the use of information and communication technologies in public administrations – **combined with organisational change and new skills – to improve public services and democratic processes and strengthen support to public policies.**

- eGovernment is a way for public administrations to become:
  - more open and transparent, and to reinforce democratic participation;
  - more service-oriented, providing personalised and inclusive services to each citizen;
  - productive, delivering maximum value for taxpayers' money.

- No ICT system "lives" in isolation
- Every ICT system communicates with the "external world" within a permanent evolving environment
- Interoperability: "the ability of disparate and diverse organisations to interact towards mutually beneficial and agreed common goals, involving the sharing of information and knowledge between the organizations via the business processes they support, by means of the exchange of data between their respective information and communication technology (ICT) system"
- Based on agreements between partners
- Neither ad-hoc, nor unilateral, nor even bilateral in nature, Interoperability is best understood as "a shared value of a community"

Public Services Conceptual Model

Users

Aggregate Public Services

Orchestration

Secure Communications Management

Secure Data Exchange/Management

Basic Public Functions

Interoperability Facilitators

Base Registries

External Services

Interoperability levels

Cooperating partners with compatible visions, aligned priorities, and focused objectives

Political Context

Aligned legislation so that exchanged data is accorded proper legal weight

Legal Interoperability

Legislative Alignment

Coordinated processes in which different organisations achieve a previously agreed and mutually beneficial goal

Organisational Interoperability

Organisation and Process Alignment

Precise meaning of exchanged information which is preserved and understood by all parties

Semantic Interoperability

Semantic Alignment

Planning of technical issues involved in linking computer systems and services

Technical Interoperability

Interaction & Transport

- Interoperability Solutions for European Public Administrations (ISA)
- Decision N° 922/2009/EC of the European Parliament and of the Council – OJ L 260/20, 03.10.2009
- 2010-2015, overall budget 164 million euros
- Commission driven, implemented in accordance with Community public procurement rules
- To be seen in the context of EU2020; the digital agenda for Europe and the European eGovernment Action plan 2011-2015

To support cooperation between European
public administrations

By facilitating efficient and effective cross-
border and cross-sectoral interaction,

Enabling the delivery of electronic public
services supporting the implementation of
Community policies and activities.

For that purpose, to provide common and
shared solutions facilitating interoperability

- **Stakeholders**
  - European public administrations at all levels
  - ICT Community
  - Standardisation bodies
  - International bodies
  - …

- **Direct beneficiaries**
  - European public administrations
    - Commission services
    - Other EU institutions or bodies
    - National administrations
    - Regional and local administrations

- **Indirect beneficiaries**
  - Citizens and businesses

- Technological neutrality and adaptability

- Openness

- Reusability
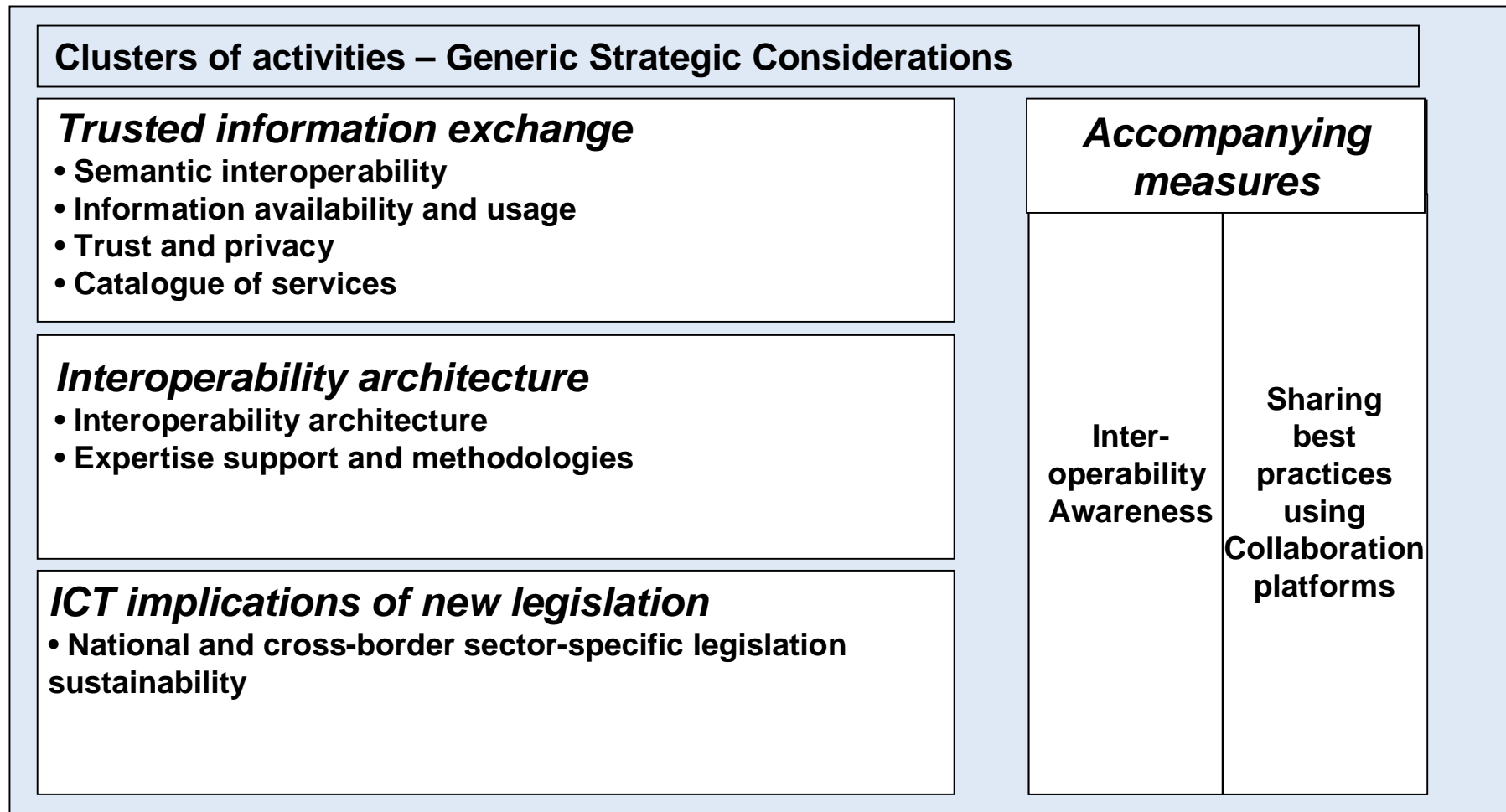
- Privacy and protection of personal data

- Security

The programme will support and promote:

– Common frameworks

– Common services

– Reusable generic tools

– Assessment of ICT implications of EU legislation

through

– Studies

– Projects

– Accompanying measures

- Actions must comply with the requirement specified in the ISA Decision - i.e., inter alia, be

    – Based on a concrete business case
    – Linked to EU policy initiatives
    – Of general interest, meeting common user requirements
    – Of cross-border and cross-sector nature

- Priority is given to actions falling with the activity clusters defined by the European Interoperability Strategy

Clusters of activities – Generic Strategic Considerations

Trusted information exchange
- Semantic interoperability
- Information availability and usage
- Trust and privacy
- Catalogue of services

Interoperability architecture
- Interoperability architecture
- Expertise support and methodologies

ICT implications of new legislation
- National and cross-border sector-specific legislation sustainability

Accompanying measures

Inter-operability Awareness

Sharing best practices using Collaboration platforms

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- Semantic Interoperability
  http://www.semic.eu/

- Open Source Observatory and Repository
  http://www.osor.eu

- ePractice
  http://www.epractice.eu

- IDABC website
  http://ec.europa.eu/idabc

- ISA Programme
  http://ec.europa.eu/isa/

- ISA Decision
  http://eur-lex.europa.eu/JOHtml.do?uri=OJ:L:2009:260:SOM:EN:HTML

- European Interoperability Strategy
  http://ec.europa.eu/idabc/en/document/7772

- European Interoperability Framework
  http://ec.europa.eu/idabc/en/document/7728

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