e-SENS
Electronic Simple European Networked Services

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Presentation Overview

- eSENS - LSP Relation
- eSENS - Overview
- eSENS - eID Activities
The EU’s “LSP House”

Services Directive

eProcurement

eHealth

eID

eJustice

Consolidate
Our core goals

- Support related to the “old” LSP’s
- Consolidation of the LSP building blocks
- Rollout, expansion and sustainability of LSP building blocks
- Develop infrastructure for interoperable public services
e-SENS at a glance

- **Start:** 01.04.2013
- **End:** 31.03.2016
- **20 Countries**
- **Budget:** 27.4 million EUR

**Programme:** ICT Policy Support Programme under the Competitiveness and Innovation Framework Programme (CIP)
e-SENS Beneficiaries

1. JM NRW Germany
2. ARGE e-SENS.AT Austria
3. CZ.NIC Czech Republic
4. DIGST.DK Denmark
5. EISA Estonia
6. MINHAP Spain
7. SGMAP France
8. MAREG Greece
9. D/P ER Ireland
10. AGID Italy
11. Tudor Luxembourg
12. NL-MEA Netherlands
13. Difi Norway
14. ILIM Poland
15. AMA Portugal
16. I.C.I. Bucuresti Romania
17. ESV Sweden
18. SI-MJPA Slovenia
19. NCZI Slovakia
20. TUBITAK Turkey
21. OpenPEPPOL
22. ETSI

Grand total of 100 partners
WP1: Project Management  
(General Coordination, Administrative Management & Advocacy)

WP2: Communication & Marketing

WP3: Sustainability and long-term governance

WP4: Project Legal Expertise Centre

WP5: Piloting

WP6: Building blocks Provision

6.1: e-Delivery & e-Interaction
6.2: Semantics, Processes and Documents
6.3: Identity, Security and Trust
6.4: Conformance & Tests
What e-SENS is about:
Presentation of the Work Packages
**WP1 Project Management**

*Project Management is about ensuring the smooth running of the e-SENS project through timely and sound management*

- **Alignment** of partners
- **Achievement** of project milestones and goals
- **Monitoring** of progress
- **Quality** assurance and change management
- **Involvement** of the EC Institutions
- **Timely** delivery of high quality outputs
- **Respect** of budgetary constraints
- **Distribution** of Community funds
- **Reporting** towards the European Commission
- **Coordination** of external relations with WP2

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Objectives:

BUILDING A SUSTAINABLE COMMUNITY AROUND THE E-SENS

- to raise awareness across Europe of the project’s objectives and achievements
- to actively engage relevant stakeholders groups
- to collect feedback and opinions about the project
- to promote e-SENS solutions as re-usable in other domains
WP3: Sustainability and long-term governance

Objectives:

- Long-term consolidation of the building blocks of the LSPs with a view to overall acceptance
- Sustainability models
- Bringing business cases of building blocks together
- Governance structure for Cross-border delivery of eGovernment services
- Working towards legal stability
- Handover of what is done in the EC policy framework (e.g. CEF).
WP4: Project Legal Expertise Centre

Objectives:

- Explore the horizontal regulations applicable to eGovernment in each participating country, as well as the applicability of the Administrative Cooperation articles included in the Lisbon Treaty to the field of eGovernment
- Monitor legislative developments EU & national level
- Draw on the experience of previous LSPs
- Maintain a network of legal experts who can provide legal advice
WP5: Piloting

Objectives

• Develop a Requirements Framework as a “demand landscape” for public ICT services
• Coordinate mapping of Requirements to Building Blocks, together with WP6, within identified and new domains
• Define domain specific and cross-domain use cases and pilot scenarios
• Establish pilot implementation projects at specific pilot sites, engaging relevant stakeholders and pilot participants and supporting them along their full lifecycle
• Support WP3 to assess the LTS potential of building blocks and services through pilot experience and requirement validation
• Support WP2 marketing and recruitment activities to engage and commit stakeholders in new domains and pilots
WP6: Building Blocks

Objectives

• taking on board existing solutions and components from the participating LSPs and other relevant sources
• create coherent, generalized and open components and specifications for solution implementation
• provide the building blocks according to functional pilot requirements and support their deployment in the pilots
• Support sustainable European Interoperability Architecture for cross sector services
• Four Building Block areas
  1. e-Delivery and e-Interaction
  2. Semantics, Processes and Documents
  3. Identity, Security and Trust
  4. Conformance and Test

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**WP6: Building blocks Provision**

**Overall WP6 Plan**

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<th>Construction</th>
<th>Transition</th>
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**Business Model**
- M6.1 (M4) Business Modelling Consolidated (M4)

**Requirement**

**Analysis & Design**

**Implementation**

**Test**

**Deployment**

**M6.2 (M6) Inception Phase Ended**

**D6.1 (M6) Executable ICT Baseline Architecture**

**Individual placement of Building Blocks Dependent on LCM, Maturity and WP5 Requirements**

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Policy Basis

• Draft eTEN Guidelines define as „Building blocks digital service infrastructures“

1. Electronic identification and authentication
   refers to services to enable cross border recognition and validation of e-identification and esignature

2. eDelivery of documents

3. Automated translation

4. Critical digital infrastructures support

5. Electronic invoicing
eSSENS Cluster 6.3 addresses five main areas of work

1. e-signature
2. e-ID
3. mobile e-ID / e-signature
4. trust services
5. attributes
Expected Building Blocks

- **eSignature**
  - eSignature creation and eSignature verification

- **Trust**
  - Trust Lists and QAA

- **Attribute / Roles**
  - attribute integration for service providers
  - attribute gateway for national infrastructure
  - definition of various attributes, roles, mandates, ...
  - SAML Profile
Expected Building Blocks

• eID – basis
  – eID integration for service providers
  – gateway /MW for national eID infrastructure
  – definition of personal attributes
  – SAML profile for eID-based authentication

• Mobile eID
  – Server-based and mobile-device-based eID
eSENS eID Status

- eSENS eID Cluster is just completing the building block ingress
- the next step is to assess BB maturity and to map to the eSENS Baseline Architecture
- the eSENS eID work has STORK and STORK 2.0 as the major BB source
Thanks for your attention!