



*moving
services
forward.eu*



Piloting preparations in full swing

Technical work has begun in all piloting domains, focusing on the use of the e-SENS building blocks: e-Delivery, e-ID, e-Signature, e-Documents, and semantics. The implementation phase will conclude with a “go-live” moment, when real transactions can be expected to take place. The work of the piloting Member States is strongly and actively supported by a building block architect assigned by WP6 (Building Block Provision) to help the pilots build domain-specific solutions which profile and include the generic e-SENS solutions.

Learn more about building block implementation in piloting domains:

- e-Delivery
The e-Delivery building block is planned to be used by all pilots. In some of them, such as e-Tendering, e-Confirmation and Business Registration, it is being introduced for the first time. In others, such as e-Invoicing, work is focused on piloting the target architecture foreseen as the evolution of the e-Delivery Digital Service Infrastructure of the Connecting Europe Facility programme.
- e-Documents and Semantics
The e-Documents and Semantics are intended to be used in all domain pilots. New e-Documents which did not exist previously are being created (e-Tendering, ESPD, e-Confirmation, business response in the Business Lifecycle domain, and both e-Justice use cases). We can also see the evolution of domain-specific semantic interoperability using the e-SENS semantic mapping service and terminology servers (Virtual Company Dossier, Business Lifecycle).
- e-ID
The use of e-ID in many e-SENS pilots complements and reinforces the adoption of STORK and the implementation of [Regulation \(EU\) No 910/2014](#) on electronic identification and trust services for electronic transactions in the internal market (the eIDAS Regulation) in Europe. In some countries the STORK infrastructure is now being put into operational use, with the opportunity to implement e-SENS piloting use cases. In domains such as e-Tendering, e-Health and Business Lifecycle, work is under way to define commonly agreed attribute sets that are domain-specific and can be carried through the STORK infrastructure. Piloting in e-SENS is expected to contribute to testing and validation of the enhanced STORK services that implement eIDAS provision, which are expected to begin deployment in 2015.
- e-Signatures
The e-Signature building block is planned to be used in all pilots. Some countries are implementing their own national infrastructure following the interoperability standards and specifications promoted by e-SENS in cooperation with the e-Signature Digital Service Infrastructure of the Connecting Europe Facility programme. Some other Member States are implementing the open source solution of the SD-DSS tool, supported by WP6 (Building Blocks provision) and the European Commission

Work on the legal modelling of use cases is actively ongoing, supported by Project Legal Expertise Centre. For all use cases the legal requirements are being scrutinized, legal issues are being handled, and a





*moving
services
forward.eu*



process map showing the legal basis and underlying issues at each process step is being constructed. This work is linked to the definition of trust models between piloting countries in each domain, and the development of inter-state agreements that may be needed for cross-border data exchange.

The first pilots will go live from April 2015 onwards. The more mature ones are expected to start even earlier, producing concrete results by the time of the e-SENS pilot running phase. A significant number of piloting use cases are expected to go live in most domains and with most building blocks in the period between April and September 2015.

12/01/2015



e-SENS is an EU co-funded project under the ICT PSP