

# ECRF Vilnius 2017

## Adopting EIDAS in Sweden and the Nordics

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# Presentation

- EIDAS Overview
- Actors in Sweden
- Nordic collaboration
- Experience and findings
- Adoption



# Overview

## Electronic identification and trust services - eIDAS

- Adopted 23 July 2014 - repeals eSignature directive
- Mutual recognition of notified e-Identification schemes
- Legal framework
  - signatures
  - electronic seals
  - time stamps
  - delivery services
  - certificate services

28.8.2014

EN

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L 257/73

REGULATION (EU) No 910/2014 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL  
of 23 July 2014  
on electronic identification and trust services for electronic transactions in the internal market and  
repealing Directive 1999/93/EC

### Article 6

#### Mutual recognition


1. When an electronic identification using an electronic identification means and authentication is required under national law or by administrative practice to access a service provided by a public sector body online in one Member State, the electronic identification means issued in another Member State shall be recognised in the first Member State for the purposes of cross-border authentication for that service online, provided that the following conditions are met:


Välj inloggning

BankID eller Nordea >

Mobilt BankID >

Telia >

eID X  Dansk e-identifikation

eID Y  Dansk e-identifikation

Foreign eID

Kontakt och support  
Spärra


# Actors in Sweden



- The Swedish E-identification Board
  - Public authority promote and coordinate electronic identification and signature for the public sector e-services.
  - Responsibility for the Swedish eIDAS node
  - Provides a Swedish [test environment](#)
- Swedish Tax agency
  - Attribute service. The proposed developer and maintainer of a digital connection between a foreign e-ID and a Swedish personal number or coordination number
- The Swedish Post and Telecom Authority
  - Supervising Authority for trusted services
  - Support and communication (Trusted services)

# Actors in Sweden

- Companies Registration Office
  - Piloting [eSENS](#) in collaboration with other national agencies
  - The Swedish point of single contact [verksamts.se](#) is the reference installation for the Swedish EIDAS-node project
- Others (FMV/MSB/SWEDAC)
  - Accreditation, certification and protection profiles related to trust services

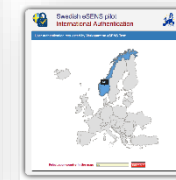
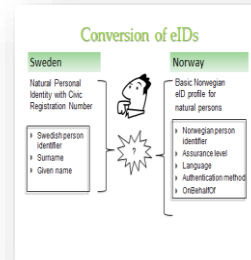
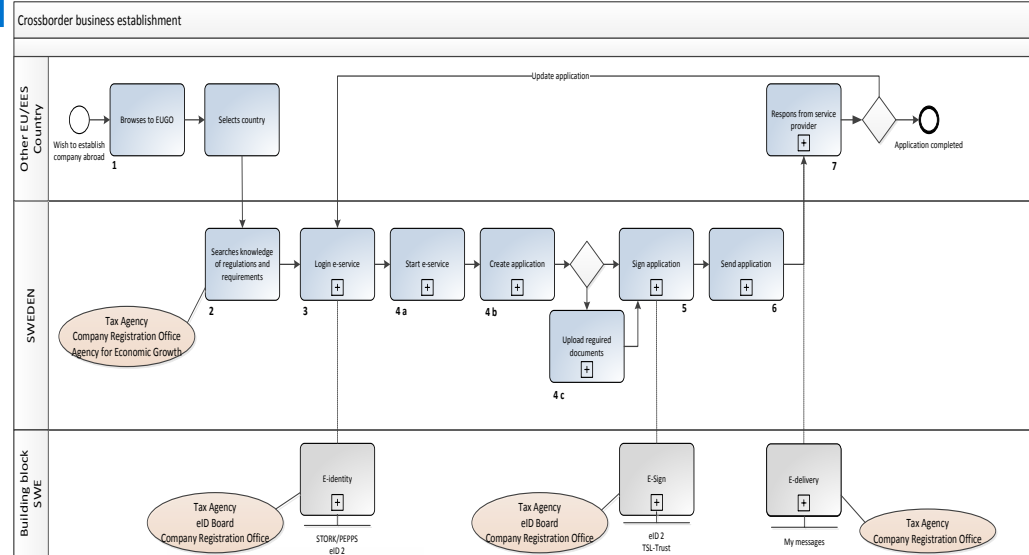
 Bolagsverket



 SWEDAC

# Nordic collaboration

- eSENS - enabler of cross border EIDAS connections
- Collaboration in the Nordics with Norway, Denmark and Estonia
- Cross-border business establishment pilot with Norway, Demo/showcase:
  - <https://esp-sp.se/verksamst-demo/esensmenu>
- Successful proof of concept and possibility to scale up and establish cross-border communication within EU







# Experience and findings

- Waiting room issue and service levels
  - What is a fair treatment of an EIDAS user?
- Language support
  - EIDAS implies no obligation to have language support but the purpose is access regardless of language!
- Record matching
  - How to connect or create unique attributes
- Complexity
  - The development of the platform for the new Swedish e-ID "Federated signing" is delayed

The image shows a screenshot of the Verksam.se website, which is a collaboration among several Swedish government agencies for those considering starting, starting, already running, or wanting to develop or close a company in Sweden. The website has a navigation bar with links like Home, Considering, Starting, Running, Developing, and Closing down. Below the navigation bar, there is a search bar and a section titled 'Get started' with links for 'Being an entrepreneur in Sweden', 'Types of business', and 'Business registration and tax'.

Overlaid on the bottom left of the website screenshot is a diagram titled 'Core Swedish infrastructure'. This diagram shows a central 'IdP' (Identity Provider) node connected to various services and infrastructure components. The components include 'Membership' (Key pair, Metadata), 'Discovery service', 'Metadata', 'Signature validation services', and 'AA' (Authentication Authority). The diagram also shows connections to 'SP' (Service Providers) and 'IdP' nodes.

Overlaid on the bottom right of the website screenshot is a diagram titled 'The big picture of data reuse - All users of e-services need an EID'. This diagram illustrates the TOOP (Trust Orchestration and Orchestration Platform) Federation of Federations. It shows a central 'TOOP Federation of Federations' cloud connected to various data sources and consumers. The components include 'DOMAIN-SPECIFIC DATA CONSUMERS', 'DOMAIN-SPECIFIC DATA PROVIDERS / AGGREGATORS', 'GENERAL-PURPOSE DATA SOURCES', 'National Data Aggregators', 'National OOP Layer', 'BUSINESS REGISTRIES AS DATA CONSUMERS', and 'BUSINESS REGISTRIES AS DATA PROVIDERS'. A red circle highlights the 'Any eService As Data Consumer' box.

# Adoption

- Develop and establish reference implementation in verksam.se
  - Language support
  - New security and model for accessing services (3 levels)
- Finalizing the platform for the new Swedish e-ID Federated signing
- Notifying the national eID scheme to the European Commission
- Continued work in TOOP



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Thank you!

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