



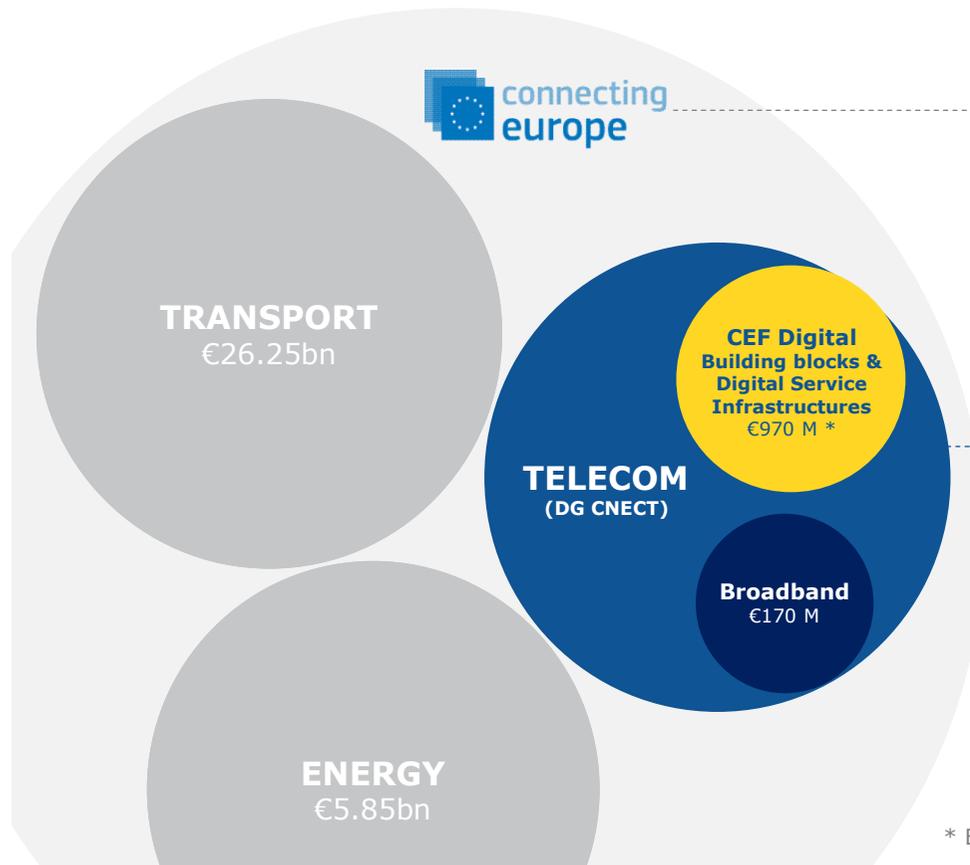
EU Commission

CEF eDelivery presentation to IDSA

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The Connecting Europe Facility and its Building Blocks



CEF Regulation

The Connecting Europe Facility (CEF) is a regulation that defines how the Commission can finance support for the establishment of trans-European networks to reinforce an interconnected Europe.

CEF Digital in CEF Telecom

Contribute to the Digital Single Market

By promoting **Building Blocks** like **eDelivery** as a complete service offering, including

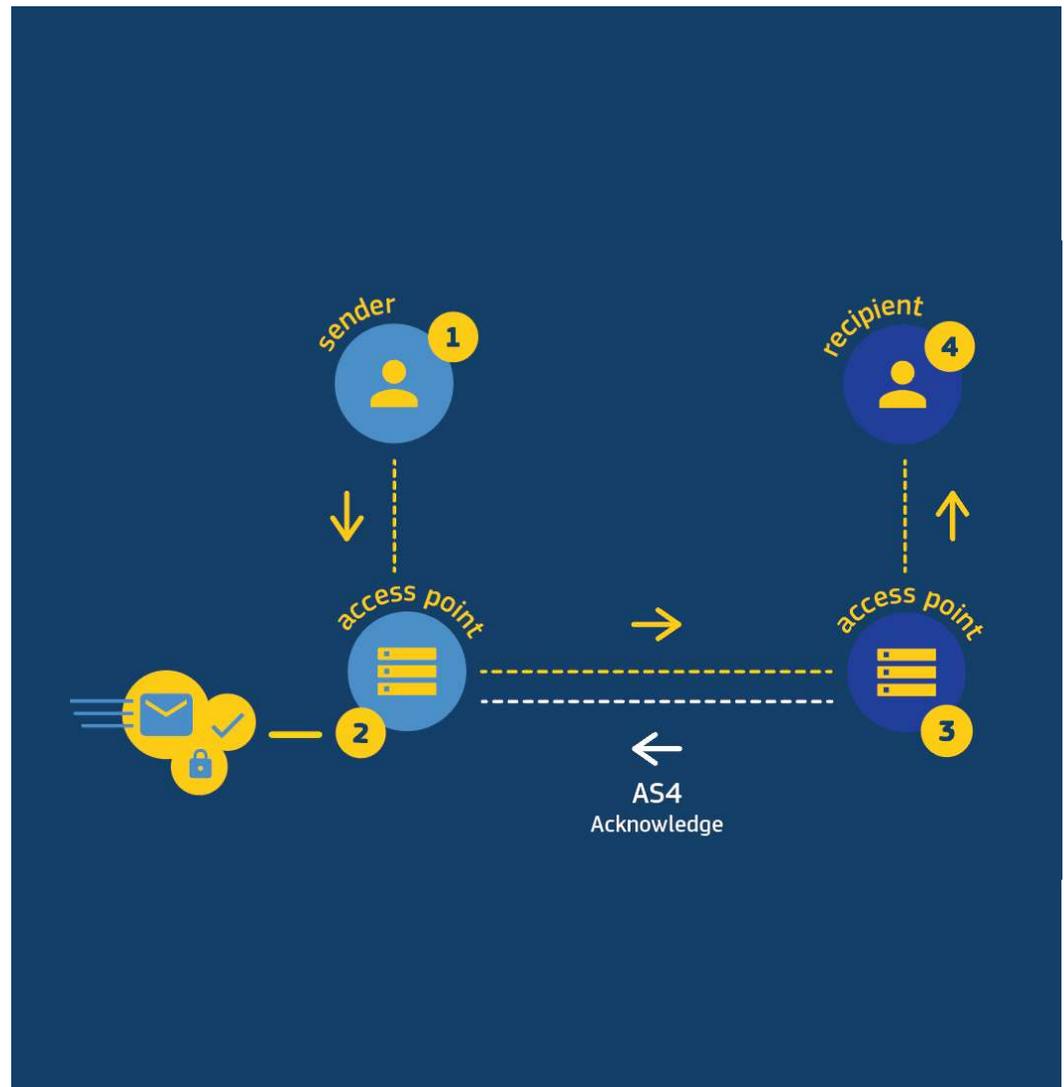
- open specifications,
- sample software,
- guidance, support and training

Additionally grants are available, both to public and private organisations, to stimulate adoption of the Building Blocks

* Baseline amount

Secure and reliable using **eDelivery**

- 1 Submit**
Sender sends message to an Access Point (AP)
- 2 Send**
Sending AP processes message
 - a) Validation and compression of the user message;
 - b) Signing of the compressed message;
 - c) Encryption of the signed compressed message.
- 3 Receive**
Receiving AP processes message
 - a) Receives and decrypts the encrypted message;
 - b) Verifies the sender's signature;
 - c) Decompresses the decrypted message;
 - d) Validates the original user message;
 - e) Sends the acknowledgement to the sending AP;
 - f) Archives the user message.
- 4 Deliver**
recipient receives message from receiving AP



Uptake Status for eDelivery

- Widely deployed, including large scale production use
 - Adopted in about fifty different domains (sectors)
 - Some domains involve hundreds of organizations
 - Mostly adopted voluntarily, in some cases mandated in EU or national regulation
 - Public and Private Sector, cross-border and national
- Examples
 - Energy trade and transport, energy efficiency reporting
 - E-Invoicing, trade and customs, import/export
 - Health record exchange, health information reporting
 - Social security, civil and criminal justice, counter-terrorism
- Open eco-system model, supported by interoperable software implementations
 - 20 products conformance tested, from big name companies to start-ups
 - 4 open source implementations
 - Java, .NET, Perl/C, Ruby

eDelivery and IDSA

eDelivery

- Interoperable data and document exchange, based on OASIS AS4 open specification for B2B messaging, used in a wide range of domains and use cases
- Once-Only Principle: exchange and reuse of data

IDSA

- Similar but different focus, e.g. using sensors and implementing connectors in containers in an IoT setting

The eDelivery team wants to reach out to the IDSA community

- To analyse and compare the IDSA ecosystem, the eDelivery Building Block and its users, and emerging approaches to Data Access generally
- Explore potential synergies and business cases where IDSA members can adopt eDelivery or the other way around



Q&A