

CEF TELECOM
2018-2 • 2018-3 • 2018-5

#CEFTelecomDay
VIRTUAL
INFO DAY
17 May

Automated Translation • eDelivery
eInvoicing • Cyber Security
Public Open Data





INEA

Innovation and Networks Executive Agency

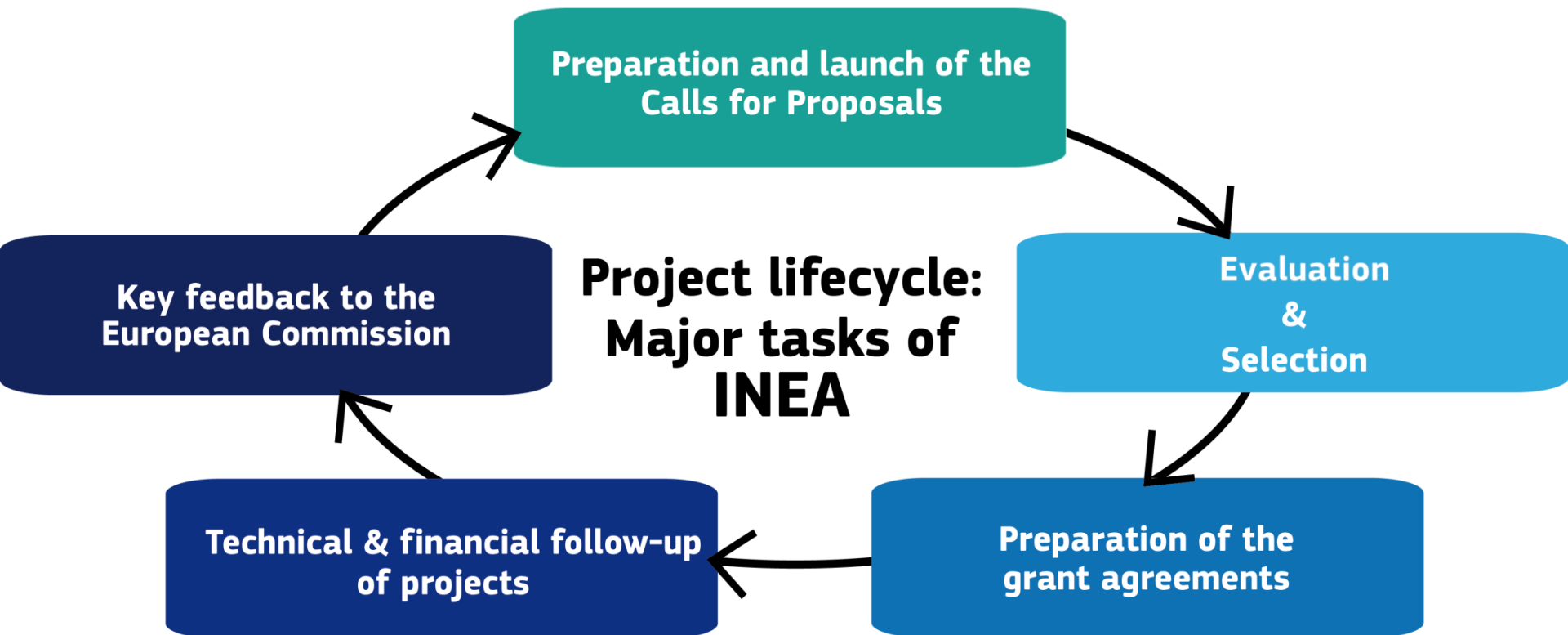
CEF Telecom Calls 2018-2, 2018-3, and 2018-5: Virtual Info Day



Marc Vanderhaegen
*Head of Unit, Programme Support, Coordination &
Communication - INEA*

17 May 2018

Making implementation happen



CEF Telecom 2018 calls

Work Programme 2018: 12 calls

- 2018-1: eIdentification (eID) & eSignature, Europeana, Safer Internet
- **2018-2: Automated Translation, eDelivery, eInvoicing**
Deadline: 18 September 2018
- **2018-3: Cyber Security. Deadline: 22 November 2018**
- **2018-5: Public Open Data. Deadline: 15 November 2018**
- 2018-4: eHealth, eProcurement, Online Dispute Resolution (ODR), European e-Justice Portal

Today's programme



10:00-10:10	<p>Introduction and Welcome</p> <p>Marc Vanderhaegen, <i>Head of Unit, Programme Support, Coordination & Communication - Innovation and Networks Executive Agency (INEA)</i></p>
10:10-10:15	<p>CEf Telecom policy background</p> <p>Claudia Oros, <i>Project Officer, Programme Coordination - Directorate General for Communications Networks, Content and Technology (DG CNECT)</i></p>
10:15-10:25	<p>CEf Transport call - coordinated call</p> <p>Joao Ferreira, <i>Project Officer - Directorate General for Transport (DG MOVE)</i></p>
10:25-10:45	<p>Evaluation process and award criteria</p> <p>Anita Kucharska, <i>Deputy Head of Unit, Programme Support, Coordination & Communication - INEA</i></p>
10:45-11:05	<p>How to submit a successful application</p> <p>Paul Harris, <i>Evaluation Manager CEf Telecom - INEA</i></p>
11:05-11:20	<p>Questions & Answers</p> <p>Susan Tournis, <i>Acting Head of Unit, Telecommunications - INEA</i></p>
11:20-11:35	<p>BREAK</p>

Today's programme

2018-2 CEF Telecom Call Priorities

11:35-11:55	Automated Translation Aleksandra Wesolowska, <i>Programme Officer - DG CNECT</i>
11:55-12:15	eDelivery Carlos Muñoz Gómez, <i>Project Officer - DG CNECT</i>
12:15-12:35	eInvoicing Irena Riviere-Osipov, <i>Project Officer - Directorate General Internal Market, Industry, Entrepreneurship and SMEs (DG GROW)</i> <small>2018-3 CEF Telecom</small>

(send your questions to:
INEA-CEF-Telecoms-Infoday@ec.europa.eu
or to [@inea_eu](https://twitter.com/inea_eu) #CEFTelecomDay)

2018-3 CEF Telecom Call Priority

12:35-12:55	Cyber Security James Caffrey, <i>Project Officer - DG CNECT</i>
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2018-5 CEF Telecom Call Priority

12:55-13:15	Public Open Data Leonardo Flores, Daniel Rizzi and Michael Lutz, <i>Project Officers - DG CNECT</i>
13:15-13:30	Questions and Answers & Conclusions Susan Tournis, <i>Deputy Head of Unit, CEF Energy & Telecom - INEA</i>

For more information



inea@ec.europa.eu



<http://ec.europa.eu/inea>



[@inea_eu](https://twitter.com/inea_eu)



Look for **INEA!**





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2018-2, 2018-3 and 2018-5 CEF Telecom Virtual Info Day

NEXT PRESENTATION starting at 10:10

CEF Telecom Policy Background

eMail questions to INEA-CEF-Telecoms-Infoday@ec.europa.eu

or ask on Twitter [#CEFTelecomDay @ineau_eu](https://twitter.com/ineau_eu)



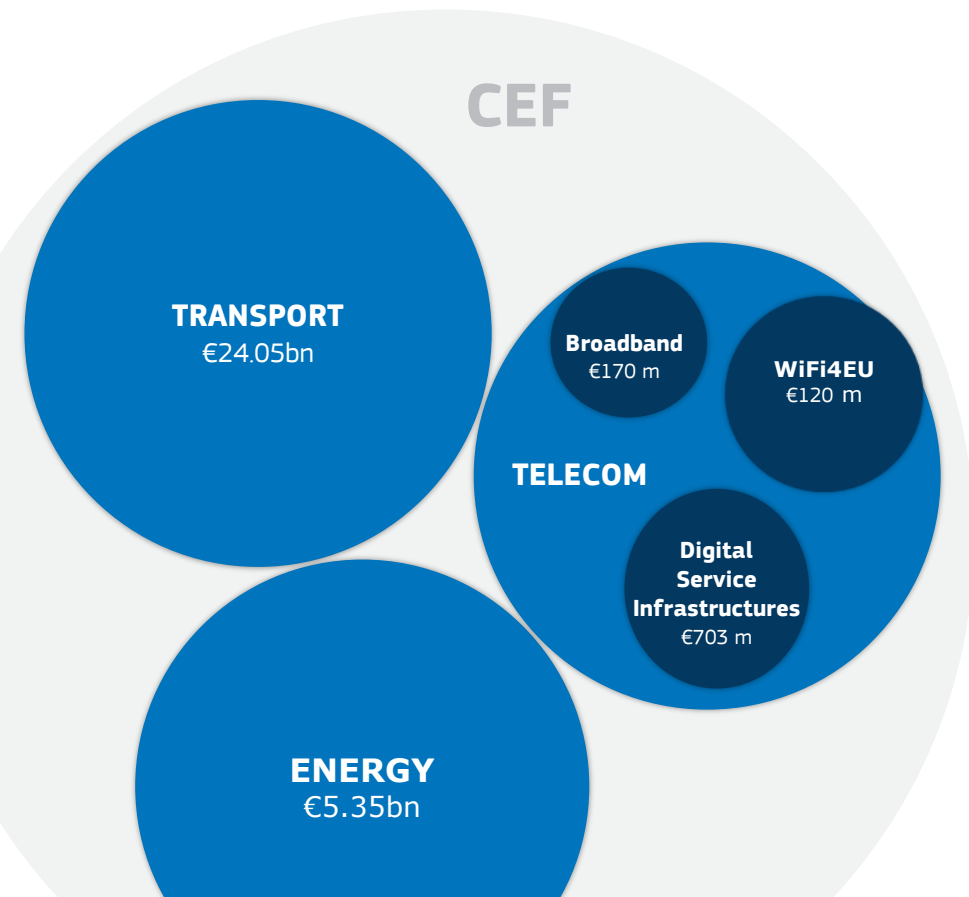
CEF Telecom policy background

DG CONNECT, 17 May 2018



Connecting Europe Facility (CEF)

2014 to 2020



Infrastructure programme to support the establishment of trans-European networks to reinforce an **interconnected Europe**

Why Digital Service Infrastructures?

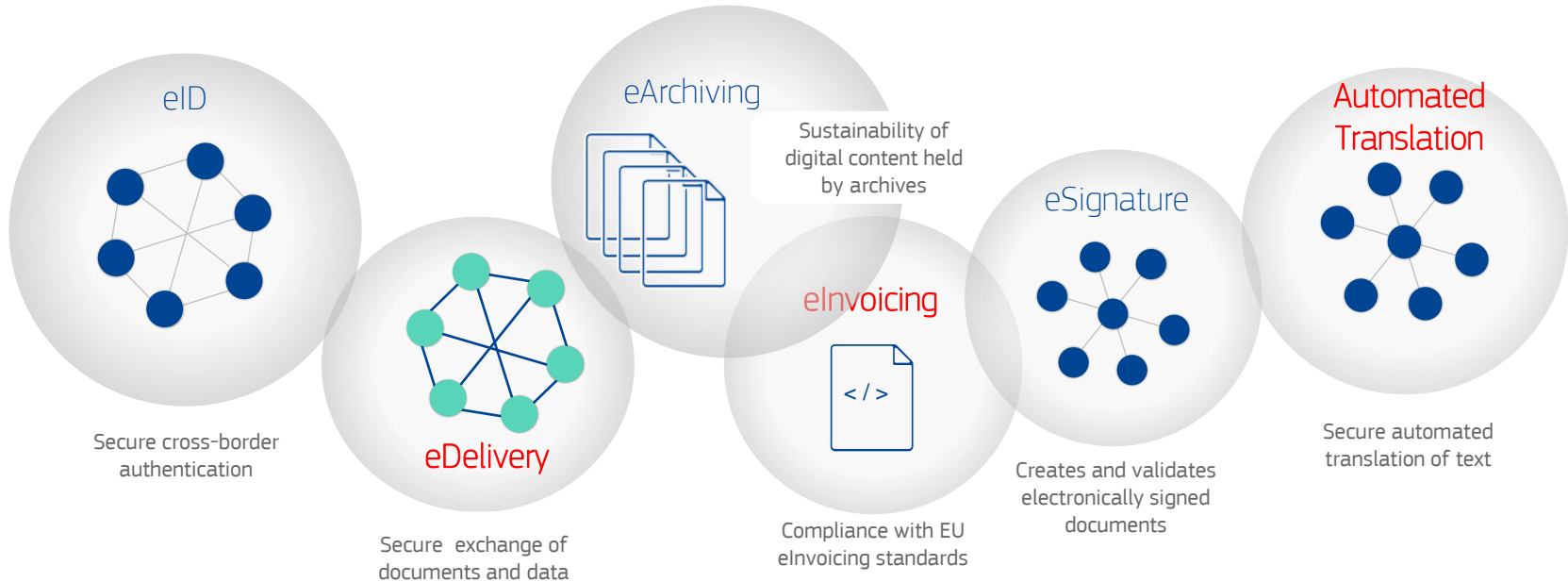
The deployment of **Digital Service Infrastructures** supports the development and smooth functioning of the **Digital Single Market** by :

- enabling the delivery of networked trans-European interoperable services for citizens, businesses and/or governments
- supporting the vision of public services being not only digital by default but also cross-border by default



Which Digital Service Infrastructures?

Building block DSIs provide basic functionality and are reusable by sector-specific DSIs



Which Digital Service Infrastructures?

Sector-specific DSIs provide trans-European interoperable online services for citizens, business and public administrations.

Today:

- **Cyber Security**
- **Public Open Data**





 e-justice.europa.eu

SERVICES offered by the
European Commission

GRANTS

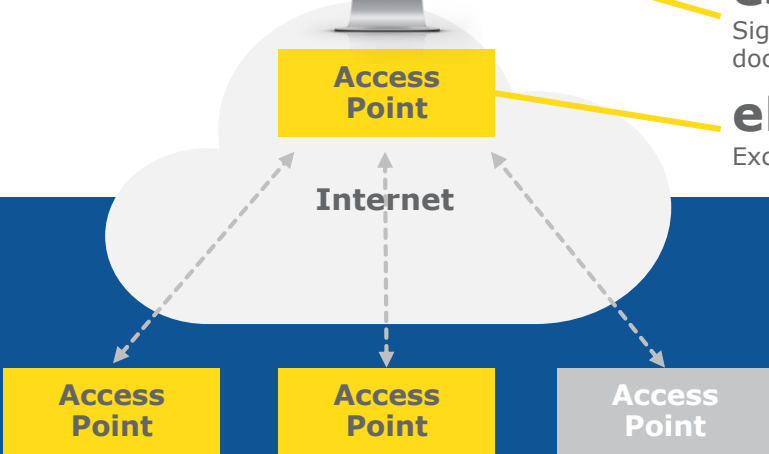


eID to legally
authenticate

eTranslation
To navigate in own language

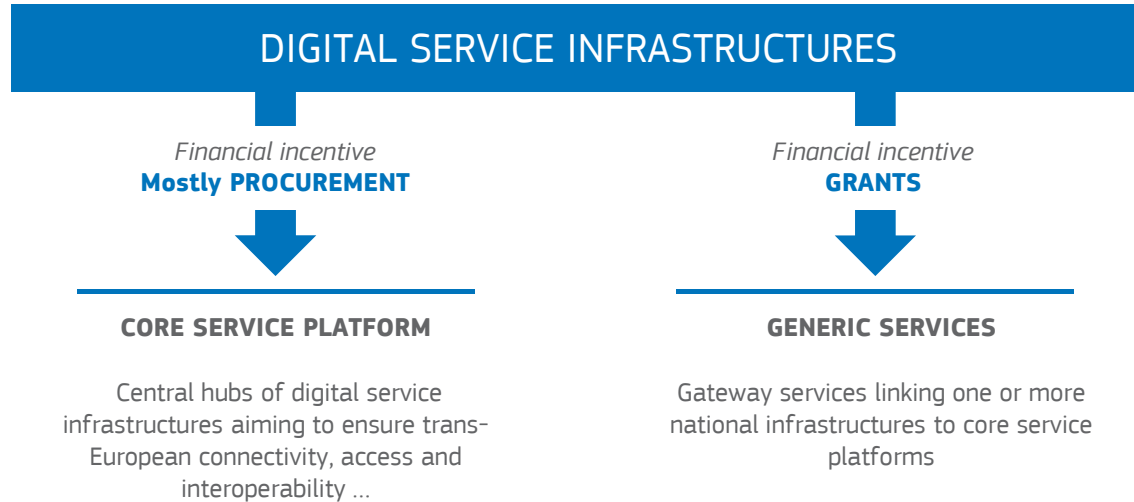
eSignature
Sign and validate online
documents

eDelivery
Exchange sensitive information



How do they work?

Infrastructure programme to support the establishment of trans-European networks to reinforce an interconnected Europe



What has happened so far?

2014 - Start of deployment and operation of the core service platforms supporting the entire digital service ecosystem, focus on the **building blocks**

2015 - Enlargement to **eHealth, Online Dispute Resolution, and eProcurement**, plus support to the core service platforms and generic services started in 2014

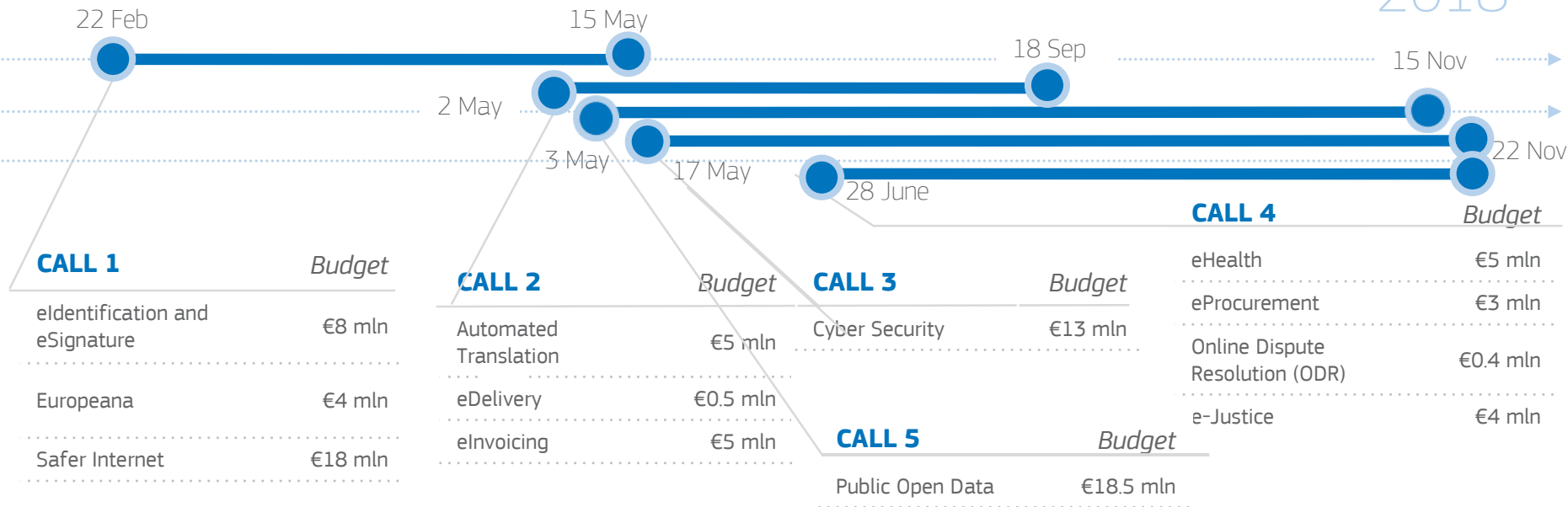
2016 - Enlargement to **EESSI** and **eJustice**, investments in the DSIs supported in the previous years continued with stronger focus on **Generic Services**

2017 - catered for **12 digital infrastructures**, focusing mostly on **Generic Services** and the development of the WIFI4EU authentication system DSI



2018 CEF Telecom calls

2018



* Indicative dates



Any questions?

Thank you!



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NEXT PRESENTATION starting at 10:15

CEF Transport call

eMail questions to INEA-CEF-Telecoms-Infoday@ec.europa.eu
or ask on Twitter [#CEFTelecomDay @ineau_eu](https://twitter.com/ineau_eu)



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NEXT PRESENTATION starting at 10:25

Evaluation process and award criteria

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CEF Telecom calls 2018-2, 2018-3, & 2018-5: the evaluation process

*2018-2/3/5 CEF Telecom call virtual info day
17 May 2018*

Anita Kucharska
INEA
Deputy Head of Unit
Programme Support, Coordination & Communication

Structure of the presentation

- ***Overview of the evaluation process***
- ***Preliminary checks***
- ***External (technical) evaluation***
- ***Internal evaluation and final selection process***
- ***Indicative timelines***

2018-2/3/5 CEF Telecom calls

Overview of the evaluation process

Principles

Objectivity

- Eligibility, selection and award criteria clearly defined in the work programme and the call for proposals

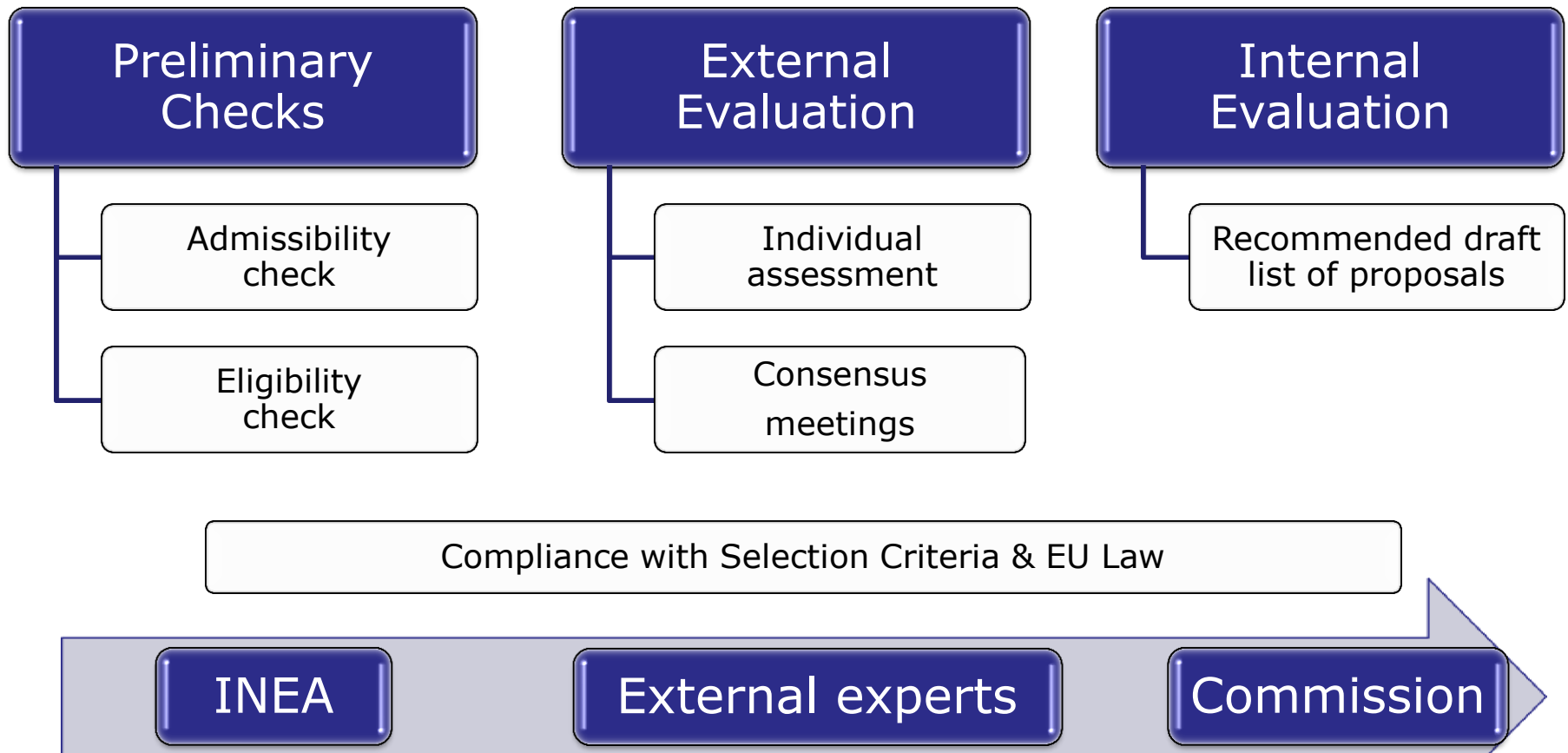
Equal treatment

- All proposals evaluated against the same criteria
- No preferential treatment to any applicant

Transparency

- Adequate feedback to applicants on the outcomes of the evaluation

Evaluation Steps



2018-2/3/5 CEF Telecom calls

Preliminary checks

Admissibility Checks

- Has the proposal been submitted electronically in TENtec?
- Has the proposal been submitted on time?
- Is the proposal complete?
- Has the proposal been signed by the applicant(s)?

Eligibility Checks

ELIGIBLE APPLICANTS

Member State(s)

Other applicant(s) with the agreement of concerned MS

ELIGIBLE ACTIONS

Article 6 of Telecom Regulation

Call-specific criteria

Priority-specific criteria

Selection Criteria check & Compliance with EU law

SELECTION CRITERIA

Financial capacity to carry out the
action

Operational capacity to carry out
the action

EU LAW

Article 23 of the CEF regulation

Public Procurement

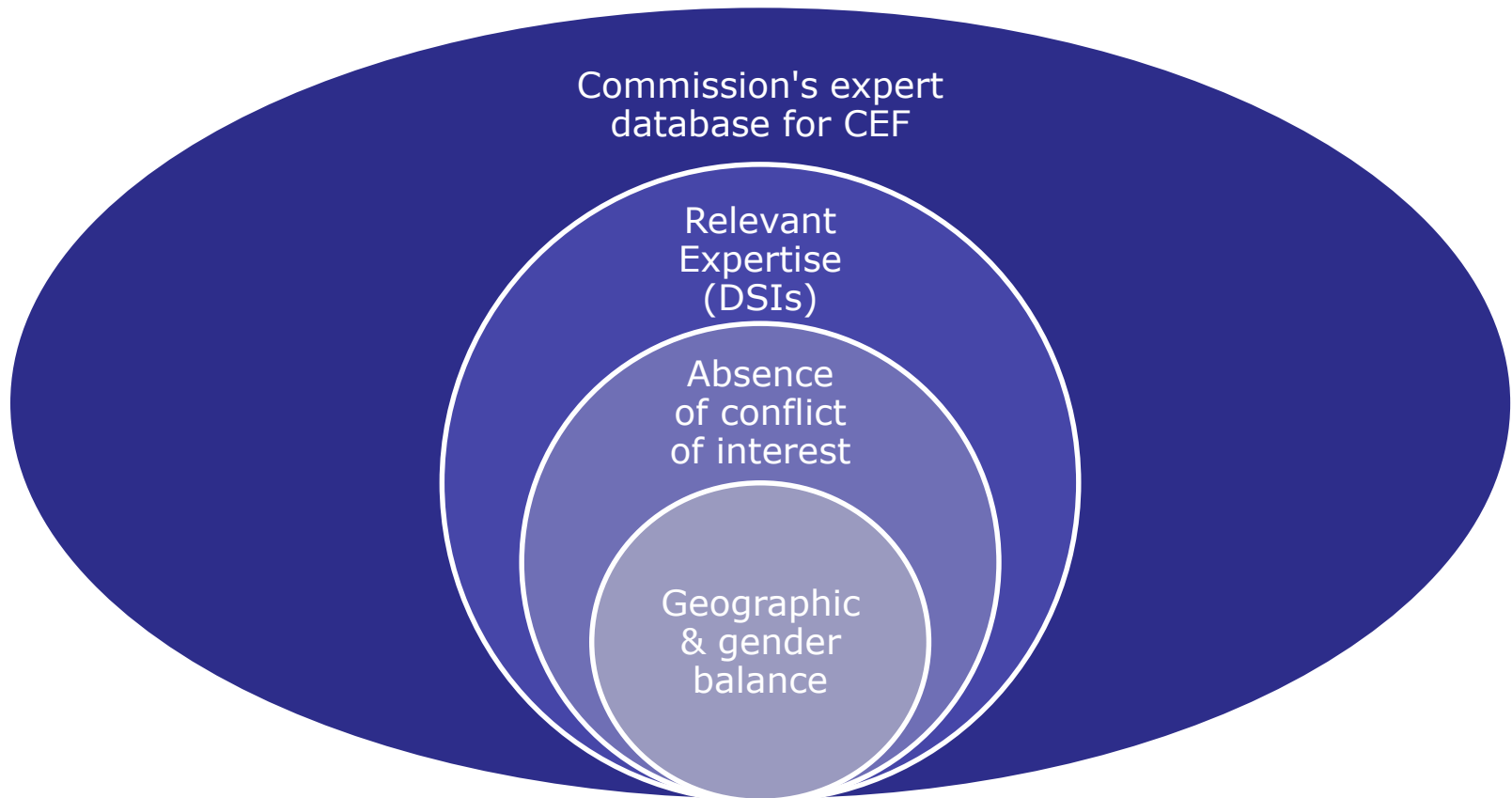
2018-2/3/5 CEF Telecom calls

External (technical) evaluation

External (technical) evaluation

- Technical Evaluation performed by external experts
- Experts provide technical support on the submitted proposals
- Each proposal is assessed by three experts
- Experts evaluate solely on the basis of the information of the application

Experts Selection



<https://ec.europa.eu/inea/news-events/newsroom/independent-experts-needed-evaluation-proposals-cef>

Experts tasks and role

Understand call text and procedure

- Read briefing material
- Follow remote briefings

Evaluate individually

- Draft individual assessment remotely
- No contact between experts

Reach a consensus

- Discuss comments and scores with other experts
- Prepare a consensus report for each proposal

Award Criteria

Relevance

Quality &
Efficiency of
Implementation

Impact &
Sustainability

2018-2/3/5 CEF Telecom calls
Internal evaluation
and
final selection process

Internal evaluation

European Commission

Considers the results of the technical evaluation

Performs budgetary adjustments & transfers between calls

Identifies any potential double funding issues

Considers EU added-value of Actions

Identifies any other issues which could influence the proposed funding Decision

Takes into account budgetary constraints

Draft list of proposals recommended for funding

Final selection process

Preparation of Selection Decision

EC Inter-Service Consultation

Consultation of CEF Coordination Committee
Information to the European Parliament

Adoption of Commission Selection Decision

Information to Applicants
Launch of Grant Preparation

2018-2/3/5 CEF Telecom calls

Indicative timelines of the selection process

Call 2018-2: Automated Translation, eDelivery, eInvoicing

Call publication	3 May 2018
Deadline for the submission of proposals	18 September 2018 (17:00 Brussels time)
Evaluation of proposals	October – December 2018
Consultation of CEF Coordination Committee Information of European Parliament	January 2019
Adoption of Selection Decision	January 2019
Launch of Grant Preparation	As of January 2019
Time To Grant	Mid-June 2019

Call 2018-3: Cybersecurity

Call publication	3 May 2018
Opening of submission system	17 May 2018
Deadline for the submission of proposals	22 November 2018 (17:00 Brussels time)
Evaluation of proposals	December 2018 – February 2019
Consultation of CEF Coordination Committee Information of European Parliament	April 2019
Adoption of Selection Decision	April 2019
Launch of Grant Preparation	As of April 2019
Time To Grant	Mid-August 2019

Call 2018-5: Public Open Data

Call publication	3 May 2018
Deadline for the submission of proposals	15 November 2018 (17:00 Brussels time)
Evaluation of proposals	December 2018 – February 2019
Consultation of CEF Coordination Committee Information of European Parliament	April 2019
Adoption of Selection Decision	April 2019
Launch of Grant Preparation	As of April 2019
Time To Grant	Mid-August 2019

Find and Contact us...



INEA-CEF-telecom-calls@ec.europa.eu



<http://ec.europa.eu/inea>



@inea_eu



Look for INEA!

Thank you!



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NEXT PRESENTATION starting at 10:45

How to submit a successful application

eMail questions to INEA-CEF-Telecoms-Infoday@ec.europa.eu

or ask on Twitter [#CEFTelecomDay @ineau_eu](https://twitter.com/ineau_eu)



CEF Telecom calls 2018-2, 2018-3, & 2018-5: How to prepare a successful proposal

Paul Harris – Evaluation Manager, CEF Telecom - INEA
2018-2/3/5 CEF Telecom Virtual Info Day – 17 May 2018

PREPARING A SUCCESSFUL PROPOSAL

How to apply:
READ, REFLECT, REMEMBER



READ

ALL call
documentation
thoroughly



CEF
Regulation
(made easy)

READ: all call documentation

- See **call webpage** and consult:

- **Work Programme (Annex)**
- **Call text**

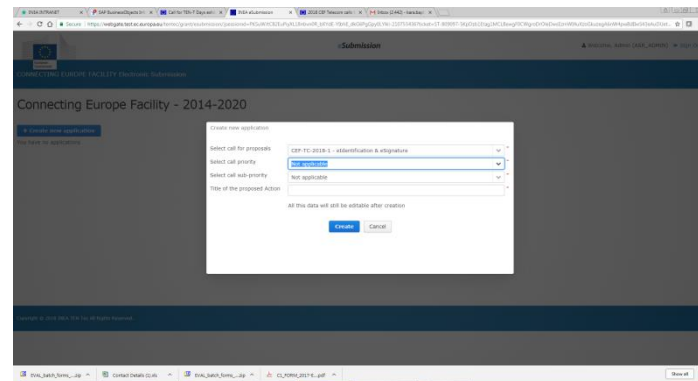
- Take special note of the **Priorities & Objectives** (section 2.1) and **Results** (section 2.2) which provide specific information on what is expected in the proposals
- Carefully read the **Award Criteria** (section 8) which explain on what the proposal will be evaluated

- **Guide for Applicants**
- **Application forms**
- **FAQs** – both general & specific
- **Model grant agreement**



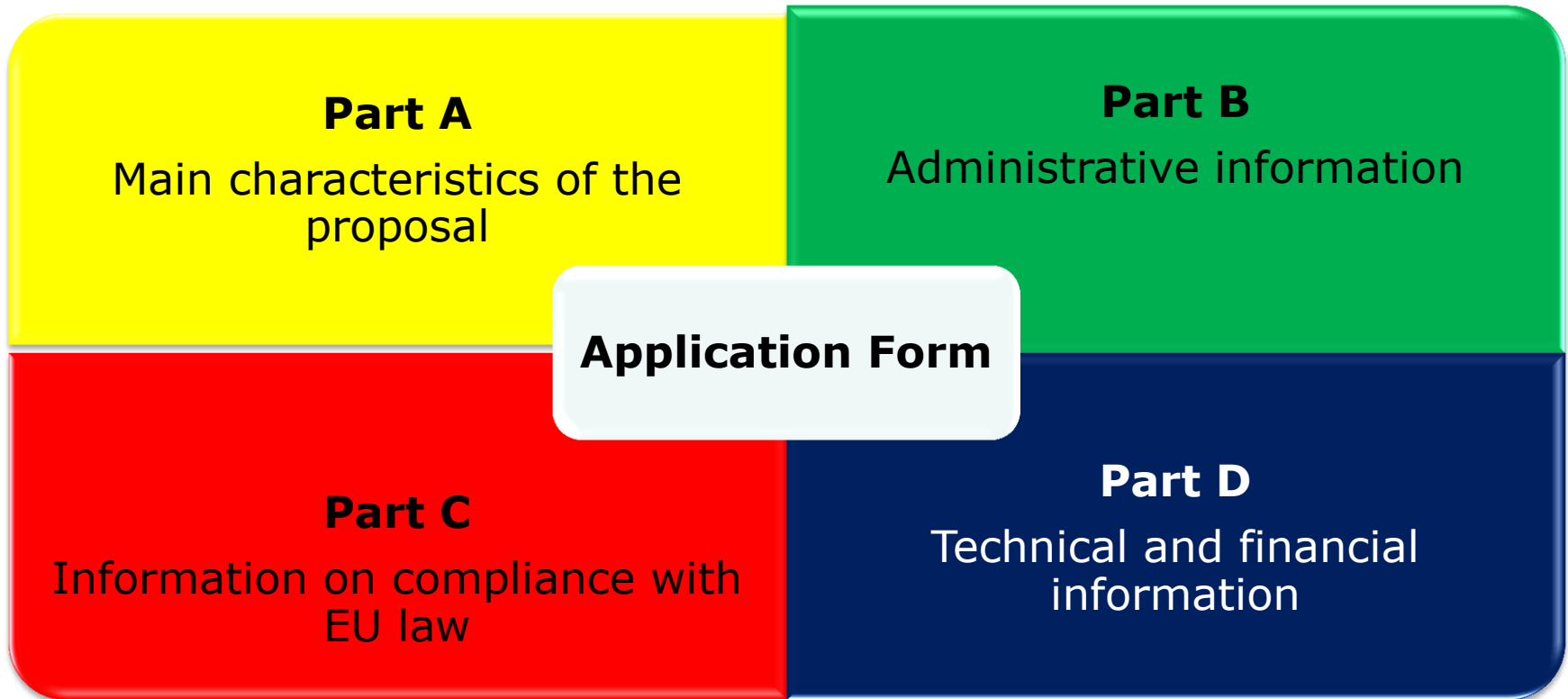
READ: how to use TENtec

- **TENtec:** system used to manage the CEF projects during their entire lifecycle and which enables the electronic submission of proposals under the CEF calls
- Step-by-step instructions for the **TENtec eSubmission system** in the Guide for Applicants



READ: Application forms

All application forms and access to TENtec eSubmission module available via call page on INEA website



Application form A

Essential administrative information **on the applicants** and **on the proposal**: summary of the action, timing, activities and milestones, budget, breakdown of eligible costs and requested funding plus Member State approval

- MUST be encoded in the TENtec eSubmission module, .pdf will be generated automatically (Word version provided for reference on call webpage)
- Includes forms that require signature of the applicants (A2.2) and Member State validation (A2.3) – upload separately

The descriptions of the proposed Action and activities will also be used for the grant agreement: be complete, informative and precise!

Application form B

Further administrative information on applicants and info use to demonstrate compliance with the **financial & operational capacity** (*required by EU Financial Regulation*)

Certain types of applicants **DO NOT** need to demonstrate financial and operational capacity – check intro section of the B form for more details

Application form B

Financial and operational capacity check

- **Financial capacity check**

Financial analysis – applicants to supply information based on amount of grant requested

Documents: Legal entity form, financial identification form, additional supporting documents

- **Operational capacity check**

Capacity of applicant to complete the proposed Action - complements information from application form part D2.3

Documents: activity reports, CVs, reports on similar projects, etc

- Complete all relevant parts of form B and upload to TENtec

Application form C

- **Information on compliance with EU law on public procurement**
- **Information on other sources of EU financing** that may be received by the proposal (cannot receive grants from two EU funding sources)

Application form D

Detailed, technical information describing the proposed Action and its activities – i.e. the heart of the proposal

- Order of the questions reflects the **award criteria**
 - **Address each point and subpoint in your application to ensure that your proposal contains all of the relevant information on which it will be assessed**
- Includes Gantt chart + other annexes
- Part D: 30 pages maximum

New features in the TENtec system

- No need to insert amount of requested CEF financing in Sources of Financing table
- In the list of applicants, a green "tick" sign will appear when all the necessary information for that specific applicant has been inserted
- Supporting documents: specific column to upload completed and signed A2.2 form(s) (signature of applicant/s)

Please see the Guide for Applicants for further details



REFLECT
on the call
content &
requirements

Award criteria

- **CEF Telecom funding is a competitive process based on defined award criteria in the Work Programme and call text.**
 - Do you understand the priorities, objectives and intended results as defined in the call text for the Digital Service Infrastructure (DSI) in question?
 - Does your proposed Action address these points?
 - Can you justify why YOUR proposal should ultimately be selected for funding?

Relevance

- Alignment to DSI implementation objectives & activities (WP)
- Alignment to EU/national policies, strategies and activities

Quality & efficiency of implementation

- Maturity
- Coherence/effectiveness with work plan
- Quality of consortium/consortium members
- Support from national authorities/industry/NGOs
- Attention to security/privacy/inclusiveness/accessibility

Impact & sustainability

- Quality of the approach to facilitate wider deployment/take-up of the proposed actions
- Capability of long-term sustainability without EU funding

Consortium & approval requirements

- **Some calls have strict consortium requirements/requirements on types of applicants.**
 - Do you have enough partners lined up who can act as applicants?
 - Who will serve as the consortium coordinator?
 - Does this organisation understand the requirements of this role?
 - Can you provide evidence/justify that all applicants in the proposal meet any other identified eligibility criteria?
- **Member State approval is necessary for all applications to be eligible.**
 - Do you understand how this approval process is done in your Member State?
 - Have you taken into consideration the time it will take to obtain the approval(s)?

A good proposal...

- uses simple language
- provides clear descriptions on how the proposed solutions will be implemented
- addresses the award criteria
- is well-structured

Evaluators must find the relevant information and evidence in the proposal in order to evaluate it – they will not make any assumptions!

Different aspects of the proposal (i)

- **Operational: show concrete evidence on how your proposed Action**
 - supports the objectives/aims of the call
 - addresses the award criteria
 - mitigates any possible risks and delays
 - incorporates a clear timetable and planning overview
- **Technical: give explanations/clear diagrams on IT solutions used, architecture, standards, etc**
 - explain the work you will be undertaking
 - provide ample descriptions of your activities and milestones

Different aspects of the proposal (ii)

- **Financial:** provide a business and/or financial plan to
 - justify your costs
 - explain financial sustainability
 - assess your proposed budget in general



REMEMBER

Successful applications take time and effort...



REMEMBER: time flies...

- **Start NOW and don't forget about the deadline**
 - Completing an application is time consuming, especially for first time applicants
 - Member State endorsement and multi-applicant proposals take time
 - If the deadline passes and you haven't submitted your complete proposal, it will be declared inadmissible: it will not be evaluated!



REMEMBER

...help is
available!

Answering your questions

- Visit your **call webpage** regularly to check for updates, sign up for our **Twitter feed** and **FAQ notifications**
- **Helpdesk:** INEA-CEF-Telecom-calls@ec.europa.eu
- **FAQs** (general and DSI specific) and **FAQ notification service:**

2018-2		
	Deadline for FAQ questions	Last FAQ update
Automated Translation	28 August 2018	11 September 2018
eDelivery		
eInvoicing		
2018-3		
	Deadline for FAQ questions	Last FAQ update
Cybersecurity	8 November 2018	15 November 2018
2018-5		
	Deadline for FAQ questions	Last FAQ update
Public Open Data	2 November 2018	8 November 2018

- Questions on **TENtec eSubmission module?** Responses will be provided until the deadline

One last step: make a final check before submitting your application

- Follow the steps as detailed in the Guide for Applicants
 - Use the **checklist** to ensure that you have all necessary forms
 - Upload **all** forms requiring signatures + make them clearly identifiable by their file name in English
 - Don't forget any supporting documents
 - Keep your originals – they may be requested later
-
- Submit in TENtec **before the deadline...**(do not wait until the last minute!)



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CEF Telecom calls: for more information



inea-cef-telecom-calls@ec.europa.eu



<https://ec.europa.eu/inea/en/connecting-europe-facility/cef-telecom/apply-funding/2018-cef-telecom-calls-proposals>



@inea_eu

Thank you!

CEF TELECOM

2018-2 • 2018-3 • 2018-5

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**VIRTUAL
INFO DAY**

17 May

**Automated Translation • eDelivery
eInvoicing • Cyber Security
Public Open Data**

SEND US YOUR QUESTIONS

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or ask on Twitter

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Back at 11:35



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NEXT PRESENTATION starting at 11:35

Automated Translation

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or ask on Twitter [#CEFTelecomDay @ineau_eu](https://twitter.com/ineau_eu)



2018-2 CEF Telecom Call: CEF Automated Translation

Aleksandra Wesolowska
Programme Officer – EU policies
European Commission - DG CONNECT
Unit G3 – Learning, Multilingualism & Accessibility

What is CEF Automated Translation?



- CEF Automated Translation is a building block of the Connecting Europe Facility (CEF)
- The main purpose of CEF Automated Translation is to **make all Digital Service Infrastructure (DSIs) multilingual**
- CEF Automated Translation currently offers a **machine translation service (eTranslation)** but it is not limited to it (i.e. more MT technologies plus other NLP services can be part of the building block based on user needs)

Vision for CEF Automated Translation: **multilingualism enabler for public online services...**

CEF Automated Translation building block today

eTranslation service https://ec.europa.eu/info/resources-partners/machine-translation-public-administrations-etranlation_en

- a central **machine translation service** run by Directorate-General for Translation (DGT)
- machine translation between 24 official EU languages, Icelandic and Norwegian (Bokmål)
- a machine translation service for public administrations and public online services in various domains/sectors
- available via a **web-user interface** and an **API**
- intended for the following types of users:
 - **online service providers** in European and national public administrations
 - **translators** in EU institutions and in national public administrations
 - **non-translating staff** in EU institutions and in national public administrations

ELRC-SHARE repository service <https://elrc-share.eu/>:

- repository of language resources needed to develop multilingual systems and services
 - language resource sharing infrastructure
 - part of the broad Europe-wide effort on **European Language Resource Coordination**
- www.lr-coordination.eu

eTranslation v1.0 launched on 15 November 2017

eTranslation web page:

<https://webgate.ec.europa.eu/etranslation>

Web service (API) documentation available on request

- *a full set (EN ↔ ALL) of speed-optimised engines*
- *neural MT engines for some languages:*
 - EN ↔ DE, HU, ET and FI,
 - EN → BG, CS, GA, LT, LV, PL, SK, SL
- *the median time for text snippets (1-5000 characters) is 1.5" seconds; for documents 2 minutes*
- *engines trained on EU-domain data*
- *domain-specific engines will be provided when sufficient data is available to DGT*





Ongoing activities supporting networking and language resource collection

European Language Resource Coordination

www.lr-coordination.eu

- networking and deepening collaboration with Member States
- conferences and workshops
- technical helpdesk and cleaning of language resources
- legal helpdesk and legal clearance of language resources
- onsite assistance for contributors of language resources
- ELRC-SHARE Repository: <https://elrc-share.eu/>

CEF-TC-2018-2 Automated Translation call for proposals

- Budget: 5 M€
- Co-funding rate: 75% of eligible costs
- Pre-financing: 50% of the grant amount
- Indicative duration of the actions: 24 months

Two action lines:

- *Language resource projects: projects for facilitating language resource identification, processing and collection in the Member States*
- *Integration projects: to make online services multilingual with existing technology*

CEF-TC-2018-2 Automated Translation Objectives

- (1) improvement of quality and coverage of automated translation in the public sector use cases relevant for CEF
- (2) boost the take-up of automated translation services among the CEF DSIs and other national online services relevant to those DSIs
- **No research activities**
 - **No development of tools or language resources**

Objectives of "language resource" projects

- facilitate language resources identification, collection and processing in/by/with Member States
- addressing bottlenecks in language resource provision
- language resources: large bilingual or multilingual corpora, large monolingual corpora, domain-specific parallel corpora and terminologies...
- ... for under-resourced languages...
- ...in the fields of consumer rights, culture, legal domain, social security, health, public procurement, etc.
- building on the earlier work, in particular ELRC, but not duplicating ELRC effort nor ongoing CEF "LR projects"
- prioritization of language resources in the call text

Objectives of "integration" projects

- work on a specific CEF DSI and/or national online services and portals related to CEF DSIs and integrate automated translation technologies
- targeted services:
 - **CEF DSIs**
 - **national online services and portals related to CEF services**
- use eTranslation (eTranslation must be integrated into a CEF-DSI-relevant service)
- application of other language technologies is possible and prioritized
- foster the multilingual best practice and architectures in public services

CEF-TC-2018-2 Automated Translation: Admissibility and Eligibility

- choice of languages based on digital service's needs – at least two different EU/CEF languages
- eDelivery deployment may be part of the proposal
- consortium composition: consortium consisting of at least two entities from two or more Member States

Objectives – differences to last year's call

- Applicants should address only **one** of the objectives indicated in section 2.1
- Prioritization for LR projects on (1) "**under-resourced**" languages in general and on (2) language resources in the CEF DSI domains
- **Obligation** for LR projects **to deliver resources to ELRC-SHARE** spelled out in call text
- Prioritization for integration projects which apply **language technologies other than machine translation**
- Other small differences in the wording of the call text

award criteria – "language resources projects"

- **Relevance**
 - relevance of language resources for CEF Automated Translation (e.g. CEF DSI domains, under-resourced languages, CEF DSI domains, meaningful sizes)
 - alignment with European and national language policies, with clear differentiation from the ELRC activities
- **Quality & efficiency**
 - clarity on the ownership and licensing status of LRs
 - clarity on how privacy and/or legal issues have been/will be resolved
 - support from data-holders and national decision-makers (if promised resources: established contacts, letters of support, consortium members...?)
 - quality and effectiveness of the national networks and outreach
- **Impact & sustainability**
 - licensing status/"openness" of the language resources provided
 - the potential of the collected resources for various Language Technologies
 - contribution to creating a permanent & sustainable pipeline of language resources flowing to CEF Automated Translation platform

award criteria "integration projects"

- **Relevance**
 - relevance/link of the addressed online service to CEF DSI(s)
 - alignment with European and national language policies and/or digital priorities
 - **Quality & efficiency**
 - maturity and readiness of the addressed digital service in terms of clarity on user requirements for multilinguality
 - clarity on the architectural adaptations needed to support multilinguality
 - clarity on how the integration with eTranslation will be established
 - availability and maturity of the other/specific LT tools/services to be integrated
 - appropriate involvement of the technology providers and owners of the digital service
 - **Impact & sustainability**
 - engagement and commitment of the owners of the CEF DSI/the digital service
 - Potential for reuse of the project results for other online services

More information on the calls...



inea-cef-telecom-calls@ec.europa.eu
inea@ec.europa.eu



<https://ec.europa.eu/inea/en/connecting-europe-facility/cef-telecom/apply-funding/2018-cef-telecom-calls-proposals>



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2018-2, 2018-3 and 2018-5 CEF Telecom Virtual Info Day

NEXT PRESENTATION starting at 11:55

eDelivery

eMail questions to INEA-CEF-Telecoms-Infoday@ec.europa.eu

or ask on Twitter [#CEFTelecomDay @ineau_eu](https://twitter.com/ineau_eu)



2018-2 CEF Telecom Call: eDelivery

Carlos Gómez
DG CNECT H.4 e-Government & Trust

eDelivery

- *eDelivery is a network of nodes for digital communications, based on a distributed model that uses standard transport protocols and security policies. It helps public administrations to exchange electronic data and documents with other public administrations, businesses and citizens, in an interoperable, secure, reliable and trusted way*

2018-2 call

- Budget: indicative 0.5 M euros
- Co-funding rate: 75%
- Pre-financing: 50%
- Indicative duration of the actions: 18 months

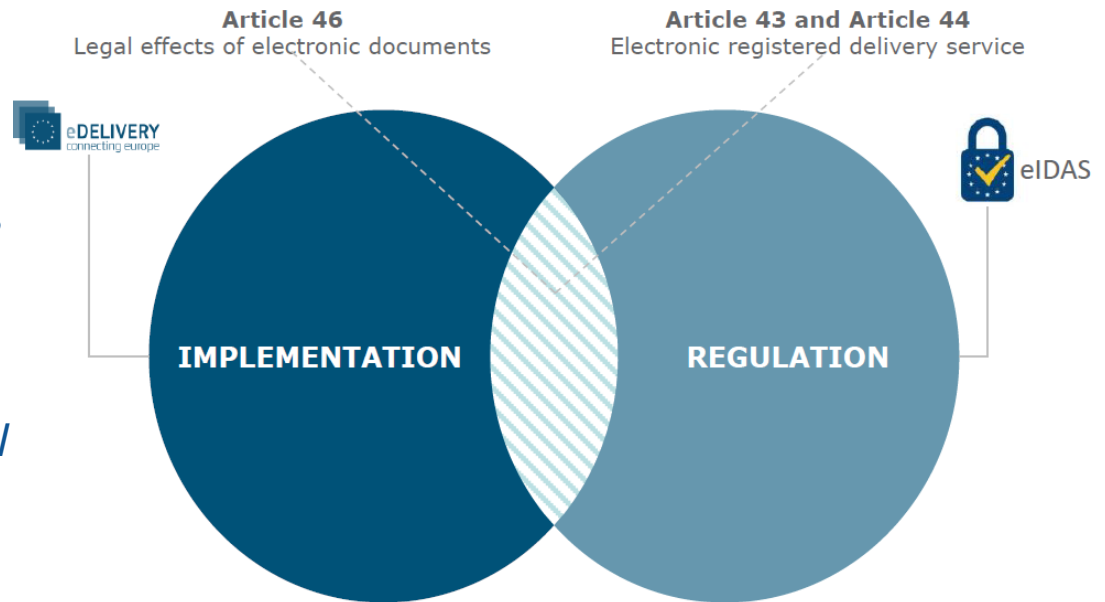
eDelivery: Eligibility

- Consortium composition
 - Submitted by consortia consisting of **at least two entities from one or more Member State(s)**.
 - Public and/or private entities

eDelivery: Legal framework

eIDAS Regulation

*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*

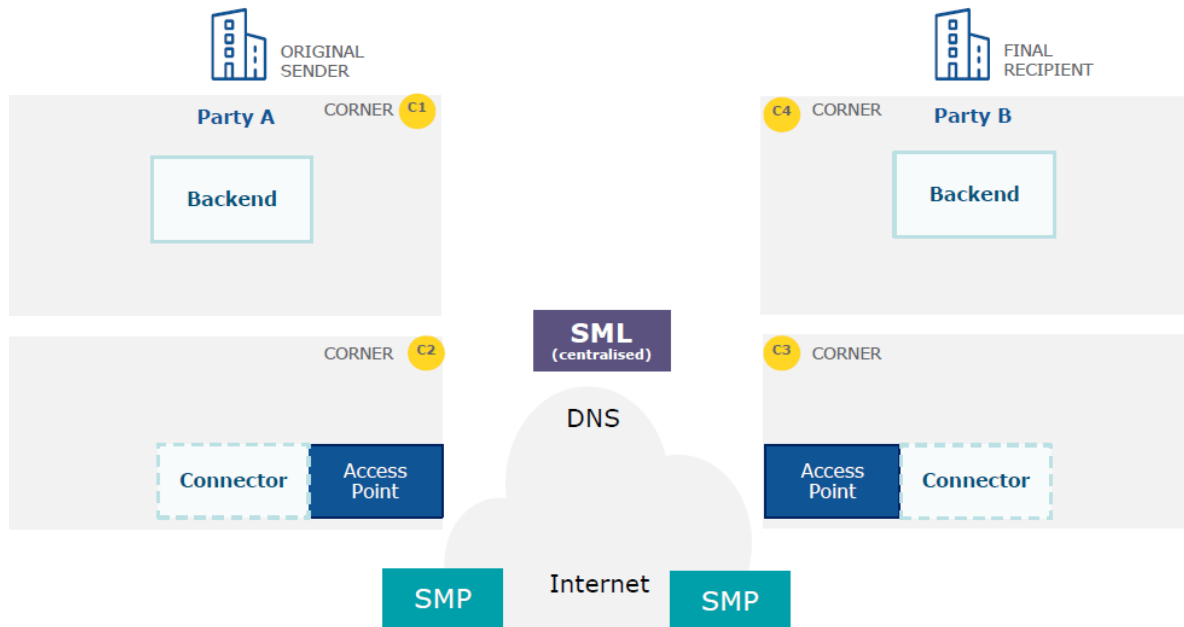


- **Requirements about data and document exchange** set by **other sectorial European Regulations** (e.g. eInvoicing, transport, environment, energy, health, public e-procurement, justice)

eDelivery: Objectives

- **(a) Deploy AS4 Access Point(s) (AP) + Operation (up to 1 year)**
 - When applicable, pass the connectivity tests
- **(b) Deploy Service Metadata Publisher(s) (SMP) + Operation (up to 1 year)**
 - When applicable, pass the connectivity tests
- **(c) Upgrade data exchange solutions** (such as Commercial Off-the-Shelf - COTS, Open-Source Software –OSS, and other) to support, and duly comply with, the CEF eDelivery standards.
 - Pass the conformance tests
- In **a production environment**, i.e. an operational environment where users can perform actual business transactions
- No longer funding available for deploying an AS2 Access Point (but transition to AS4 is supported)

eDelivery: Objectives



Access Point (AP)

Implements a standardised message exchange protocol that ensures interoperable, secure and reliable data exchange. It is an implementation of the AS4 Profile developed by e-SENS.

SMP (Service Metadata Publisher)

Provides the sender with information about the receiver. It is an implementation of the SMP profile developed by e-SENS on top of the OASIS SMP technical specifications.

SML (Service Metadata Locator)

Manages the resource records of the participants and SMPs in the DNS (Domain Name System).

Connector

Integrates back-end systems with AP

eDelivery: award criteria

- *Relevance:*
 - Proposals must clearly **explain which policy domain(s), type of documents and use cases**, the planned deployment and operation will support.
 - When applicable, explain how the proposal is **aligned with the requirements** set in the eIDAS Regulation to allow their use **for the provisioning of ERDS** (Electronic Registered Delivery Services), including qualified services
 - Explain how the proposal **complies with the requirements** about data and document exchange **set by other sectorial European Regulations**
 - Explain the **alignment of the uses cases to relevant EU/national policies, strategies and activities**
 - Explain how the proposed Action will **differ from the action(s) funded under the previous call(s)**.

eDelivery: award criteria

- *Quality & efficiency:*
 - **Maturity: demonstrate maturity of the proposed solution;** provide technical details about your existing and proposed solution, including architecture;
 - **Coherence/effectiveness of the work plan:** provide a **good descriptions of the activities and tasks** to be implemented (part A should be coherent with what you are describing in part D of the application); do all activities contribute to the objectives?; Include all necessary activities for the implementation of the project (i.e. connectivity testing, conformance testing); **justify the budget** of the project and **explain subcontracting**;
 - **Quality of the consortium:** Involvement of operators of the back-end systems and trust services providers; explain the **role of the partners in the policy domain** where data and documents are exchanged; **explain the governance** of the project
 - **Support from national authorities/industry/NGOs:** back up your application with support from relevant actors in the policy domain
 - **Security/Privacy/inclusiveness /accessibility considerations (i.e. GDPR)**

eDelivery: award criteria

- *Impact & sustainability:*
 - Quality of the **approach to facilitate wider deployment/take-up**
 - Include **estimates on the number of current/expected users**
 - Activities foreseen **to promote adoption**
 - **Extensibility of the results** of the action to other entities in the same or other domains
 - **Financial support and business models** to ensure long-term sustainability (public: how the funds will be secured, private: ideas for the commercialisation of the solution)

eDelivery: Other information

- Call webpage
 - <https://ec.europa.eu/inea/en/connecting-europe-facility/cef-telecom/apply-funding/2018-cef-telecom-call-edelivery>
- eDelivery on CEF Digital Portal
 - <https://ec.europa.eu/cefdigital/wiki/display/CEFDIGITAL/eDelivery>
 - Specifications
 - eDelivery AS4 Profile / eDelivery SMP Profile
 - Conformance and connectivity testing
 - e-SENS AS4 conformant solutions
 - Projects / systems / services reusing eDelivery

More information on the calls...



inea-cef-telecom-calls@ec.europa.eu
inea@ec.europa.eu



<https://ec.europa.eu/inea/en/connecting-europe-facility/cef-telecom/apply-funding/2018-cef-telecom-calls-proposals>



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eInvoicing

eMail questions to INEA-CEF-Telecoms-Infoday@ec.europa.eu

or ask on Twitter [#CEFTelecomDay @inea_eu](https://twitter.com/inea_eu)



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2018-2, 2018-3 and 2018-5 CEF Telecom Virtual Info Day

NEXT PRESENTATION starting at 12:35

Cyber Security

eMail questions to INEA-CEF-Telecoms-Infoday@ec.europa.eu

or ask on Twitter [#CEFTelecomDay @ineau_eu](https://twitter.com/ineau_eu)



2018-3 CEF Telecom Call: Cybersecurity

James Caffrey, Policy Officer, DG-CONNECT

Policy Framework

- **Sustainability of the Digital Single Market in terms of reliability and trustworthiness of networks and services**
- **Cybersecurity Package –Resilience, Deterrence and Defence: Building strong cybersecurity for the EU**
 - **Cyber Resilience**
 - **Communication –Making the Most of NIS (NIS Toolkit)**
 - **Recommendation on Large Scale Response to Cyber Security Incidents and Crises**
- **Security of Network and Information Systems (NIS) Directive (2016/1148)**

Cybersecurity Digital Service Infrastructure (DSI)

- The Cybersecurity DSI is underpinned by the Security of Network and Information Systems (NIS) Directive (2016/1148)
- Generic Services under this DSI will:
 - ✓ support the development of operational capacity in Member States via **CSIRTs**, **OES**, **DSPs**, **SPOCs** and **NCAs** in accordance with the NIS Directive
 - ✓ Support the development of cybersecurity capabilities for Cooperative Connected and Automated Mobility

Overview of the call

- Funding will allow the Member States to limit the economic and political damage of cyber-attacks, while reducing the overall costs of cyber security for individual Member States. This will be achieved through the development of capabilities, with a particular focus on stakeholders under the NIS Directive to improve prevention, detection, mitigation and response to cyber security incidents and events resulting in a more resilient and secure Digital Single Market. CCAM
- Financial Support Instrument: *Grants*
- Budget: *€13 million*
- Funding: *Various, depending on the objective, EC (expected) contribution ranges from € 100,000 up to €1,000,000 per action*
- Co-funding rate: *Up to 75% of the eligible costs of the action*
- Pre-financing: *50% within 30 days after signed grant agreement, balance on completion*
- Indicative duration of the actions: *24 months*

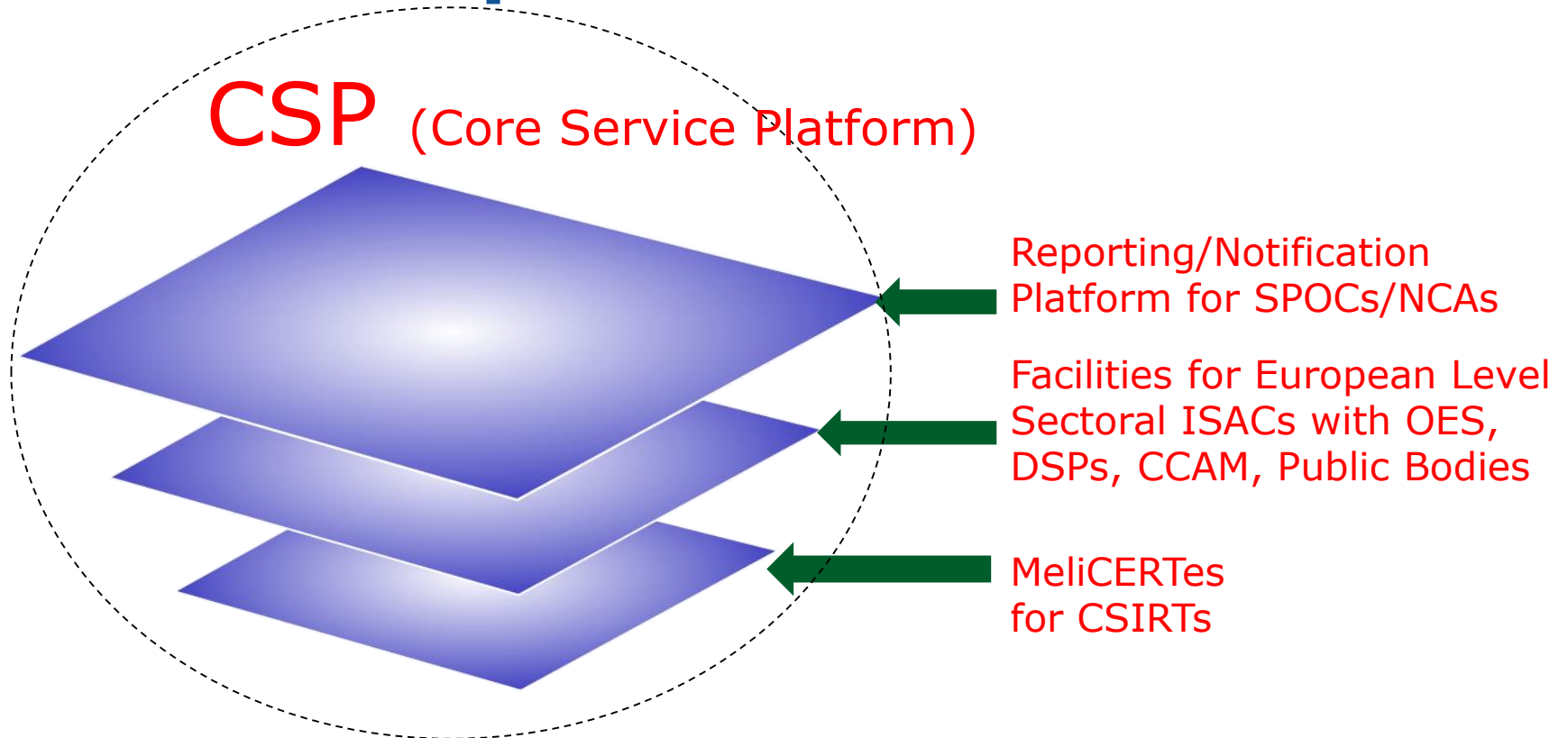
Objectives and co-funding

Call Objective	Title	EU co-funding per Proposal	Maximum or Indicative
1	Capability development of national CSIRTs (Computer Security Incident Response Teams) designated by the Member States in line with the NIS Directive	1,000,000 EUR	Maximum
2	Capability development of Operators of Essential Services (OES) and Digital Service Providers (DSP) in line with the NIS Directive	150,000 EUR	Indicative
3	Capability development in the area of cybersecurity to support Cooperative Connected and Automated Mobility in the public and private sectors , in particular for electric vehicles	150,000 EUR	Indicative
4	Capability development of National Competent Authorities (NCAs) and Single Points of Contact (SPOCs) designated in line with the NIS Directive	100,000 EUR	Indicative
5	Capability development for public bodies established by national or European legislation in a Member State to meet European Union Policy objectives associated with Operational Level Cyber Security	300,000 EUR	Maximum

Objectives and eligibility

Call Objective	Title	Eligibility
1	Capability development of national CSIRTs (Computer Security Incident Response Teams) designated by the Member States in line with the NIS Directive	National CSIRTs designated under Article 9 of the NIS Directive
2	Capability development of Operators of Essential Services (OES) and Digital Service Providers (DSP) in line with the NIS Directive	Must include at least one OES or one DSP . OES must provide a letter of support from relevant authority. DSP must complete and provide self-declaration .
3	Capability development in the area of cybersecurity to support Cooperative Connected and Automated Mobility in the public and private sectors, in particular for electric vehicles	Any eligible applicant
4	Capability development of National Competent Authorities (NCAs) and Single Points of Contact (SPOCs) designated in line with the NIS Directive	NCAs and SPOCs designated under Article 8 of the NIS Directive
5	Capability development for public bodies established by national or European legislation in a Member State to meet European Union Policy objectives associated with Operational Level Cyber Security	Must include at least one public body legally established by national or European legislation having a structured co-operation agreement with at least 8 other Member States.

Cybersecurity CSP Co-operation Mechanisms



1. Capability Development of National CSIRTs

- *Proposals must address:*
 - **Activities to facilitate the access from national CSIRTs to the MeliCERTes facility co-operation mechanism.** E.g. systems integration; testing; the development or acquisition of secure devices and software, interfaces, gateways
- *They may also address:*
 - Activities for increasing the preparedness of national CSIRTs e.g. the development or acquisition of infrastructure including software tools; development of skills and structural support encompassing training and services to local agents; business case development (i.e. economic and financial appraisal and evaluation)

2. Capability Development of OES and DSPs

- *Proposals must address:*
 - **Activities for increasing the preparedness of OESs and DSPs** e.g. development or acquisition of infrastructure including software tools; development of skills and structural support encompassing training and services to local agents; national level information exchanges/Information Sharing and Analysis Centres (ISACs); and business case development (i.e. economic and financial appraisal and evaluation)
- *Beneficiaries under this Objective are expected to:*
 - Participate in the **co-operation mechanism for European level sectoral ISACs (Information Sharing and Analysis Centres)** that will be established by the European Commission in the course of 2018-2019

3. Cybersecurity for CCAM

(automation levels 3 to 5) in the **public and private sectors**, in particular for electric vehicles

- *Proposals must address:*
 - **increasing the preparedness of the hardware** to reduce vulnerabilities and to withstand cyber threats and attacks
 - **enabling resilient and secure software applications and dataflows**
- *Beneficiaries are expected to:*
 - Participate in the co-operation mechanism for European level ISACs (Information Sharing and Analysis Centres) for CCAM that will be established by the European Commission in the course of 2018-2019

4. Capability Development of NCAs and SPOCs

- *Proposals must address:*
 - **Activities for improving the effectiveness of NCAs and SPOCs** e.g. development or acquisition of tools and skills to access the security of network and information systems of OES and DSPs, and the set-up of structural support
- *Beneficiaries under this Objective are expected to:*
 - Participate in the **co-operation mechanism for notification and reporting of incidents** in connection with the NIS Directive that will be established by the European Commission in the course of 2018-2019.

5. Capability Development for Public Bodies

- *Proposals must address:*
 - **Activities for developing IT platforms for effective awareness raising and situational awareness and prompt incident response**
- *Beneficiaries under this Objective are expected to:*
 - Participate in the co-operation mechanism for European level sectoral ISACs (Information Sharing and Analysis Centres) that will be established by the European Commission in the course of 2018-2019

Sample of Activities (non-exhaustive)

Infrastructure:

- Acquisition and operation of cybersecurity IT systems (Security Operations Centres, firewalls, intrusion detection/prevention, monitoring equipment and software); training facilities; self-assessment security and reporting toolkits; auditing tools (vulnerability assessment, penetration testing); Security Incident and Event Management infrastructure; honeypots; simulation environments; other software tools for automation, risk and threat assessment, incident and event management, forensic computing.

Skills and structural support development:

- Staff awareness raising, awareness campaigns and training courses; “capture the flag” cybersecurity challenges, “Red and Blue teaming”, hackathons, cyber exercises (including Europe-wide events); legal compliance and organisational analysis; risk management; business continuity and disaster recovery planning

Award criteria: Relevance

- **Alignment with the objectives and activities required for the deployment of the Cybersecurity Digital Service Infrastructure described in Chapter 3.8 of the work programme and priorities set in Section 2 of the call text**
 - *How well does the proposal fit with the objectives and activities in Section 2.1 of the call text?*
 - *How does it help meet expected outputs and outcomes in Section 2.2 of the call text?*
- **Alignment and synergies with relevant policies, strategies and activities at European and national level**
 - *Does the proposal demonstrate awareness of and, as appropriate, support and alignment with for example the NIS Directive, the GDPR, the Cybersecurity package from September 2018, other CEF and Horizon 2020 cybersecurity projects etc.?*

Award criteria: Quality & Efficiency

- Maturity in terms of readiness of the action to be implemented and operational level of the proposed solution(s) at the end of the action *e.g. will the proposed solution be ready to be used at the end of the action?*
- **Coherence and effectiveness of the work plan**
 - *E.g. Is there sufficient detail on project management, and risk management?*
 - *E.g. Are the tasks described in sufficient detail?*
 - *E.g. Is the allocation of tasks and resources appropriate?*
 - *E.g. Are the costs justified?*
- **Quality and relevant experience of the participants**
 - *E.g. Are CVs provided with the proposal including relevant experience, qualifications and industry/sector certifications? Is the consortium composition relevant and well-balanced?*
 - *E.g. Extent to which the proposal demonstrates support from national authorities and peers (e.g. through letters)*
- **Appropriate attention to security, privacy, inclusiveness and accessibility**
 - *E.g. How the proposal addresses operational security, protection of personal data etc.?*

Award criteria: Impact & Sustainability

- **Quality of the approach to facilitate wider deployment and take-up**
 - *E.g. Extent to which participation in the relevant CSP Co-operation Mechanism takes place?*
 - *MeliCERTes for Objective 1*
 - *European Level Sectoral ISACs for Objectives 2, 3 and 5*
 - *Notification & Reporting for Objective 4*
 - *E.g. Is there an adequate dissemination plan?*
 - *E.g. Are concrete actions to facilitate the take-up foreseen?*
- **Capability of long-term sustainability without EU funding**
 - *E.g. Does the proposal foresee concrete measure to ensure long term knowledge transfer takes place (especially when subcontracting)?*
 - *E.g. Extent to which the actions are mainstreamed and embedded in cyber security operations resulting in a step change in maturity levels of the applicants*
 - *E.g. Does the proposal foresee a business model or a concrete plan to carry on without EU-funding after the end of the action?*

Cyber Security Call: Other information

- **Call text and supporting information**
 - <https://ec.europa.eu/inea/en/connecting-europe-facility/cef-telecom/apply-funding/2018-cyber-security>
- **Background info online:**
 - **NIS Directive:** http://eur-lex.europa.eu/legal-content/EN/TXT/?uri=uriserv:OJ.L_.2016.194.01.0001.01.ENG&toc=OJ:L:2016:194:TOC
 - **NIS Directive Introduction:** <https://ec.europa.eu/digital-single-market/en/network-and-information-security-nis-directive>
 - **Cybersecurity Package (Sept. 2017):** <https://ec.europa.eu/digital-single-market/en/cyber-security>

More information on the calls...



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inea@ec.europa.eu



<https://ec.europa.eu/inea/en/connecting-europe-facility/cef-telecom/apply-funding/2018-cef-telecom-calls-proposals>



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2018-2, 2018-3 and 2018-5 CEF Telecom Virtual Info Day

NEXT PRESENTATION starting at 12:55

Public Open Data

eMail questions to INEA-CEF-Telecoms-Infoday@ec.europa.eu

or ask on Twitter [#CEFTelecomDay @ineau_eu](https://twitter.com/ineau_eu)



2018-5 CEF Telecom Call: Public Open Data

European Commission

Directorate-General for Communications Networks, Content and Technology
Joint Research Centre

CEF-TC-2018-5: Public Open Data

Improved access to public sector information, as well as its exploitation, is an essential component of the EU strategy for stimulating new business opportunities and research and addressing societal challenges.

Actions addressed by this 2018 call will have to reflect one of the following three **Objectives**:

- 1) Support for the re-use of information made discoverable/available through the European Data Portal
- 2) Support generation of cross-border services providing access to harmonised thematic open dataset, in particular geospatial data
- 3) Support the creation of new access services to increase the HPC and data capacities of the European Data Infrastructure

Public Open Data – Legal framework

- *Commission communication on Open Data (COM(2011) 882 of 12 December 2011) – Open Data: an engine for innovation, growth and transparent governance*
- *Directive 2003/98/EC - 2013/37/EU on the re-use of public sector information (PSI)*
- *Commission notice 2014/C 240/01 - Guidelines on recommended standard licences, datasets and charging for the reuse of documents*
- *Directive 2007/2/EC of the European Parliament and of the Council of 14 March 2007 establishing an Infrastructure for Spatial Information in the European Community (INSPIRE)*
- *"European Cloud Initiative – Building a competitive data and knowledge economy in Europe" (COM(2016) 178)*

Objective 1 - Overview

- Budget: **2,0 m€**
- Max. funding per action: **n/a**
- Max. co-funding rate: **75% of total eligible costs**
- Pre-financing: **up to 50% of the grant amount**
- Indicative duration of the actions: **up to 36 months**
- Consortium composition: **a minimum of 2 entities from 2 or more eligible countries**

Objective 1 – Specifics (1/3)

- Proposed actions should support the re-use of information made discoverable/available through the European Data Portal, as a sole source of information or, where appropriate, in combination with other public or private sources of information
- Solutions must be focused on the end-user (e.g. through the re-use of data providing content to mobile device applications, websites, web services). Solutions aiming at the deployment of new services in innovative ecosystems supported by open platforms, in sectors that are becoming large and important, are encouraged.

Objective 1 – Specifics (2/3)

- Proposals will have to include a plan for an EU-wide assessment model demonstrating the impacts of the re-used open data
- For this aim, proposals should provide a toolkit for national administrations, in the form of documentation of standard procedures and/or software solutions which might include the processing of open data. The toolkit may also include e.g. harmonised questionnaires, key indicators, for facilitating the ex-post evaluation of the economic and social impacts of the re-use of public-sector information in Europe.
- Proposals should also include a plan for long-term sustainability

Objective 1 – Specifics (3/3)

In particular, in relation to the proposed activities, actions will have to address **all** the following issues:

- Facilitate the re-use of datasets belonging to the same domain and generated by different authorities in cross-border areas
- Address both technical and legal issues,
- Address priority domains as defined in Commission notice 2014/C 240/01 "Guidelines on recommended standard licences, datasets and charging for the reuse of documents"
- Streamline the metadata/data production process and implement a sustainable process to ensure long-term maintenance
- Propose a re-usable (and applicable EU-wide) evaluation and monitoring framework for assessing the impacts of the open data re-used in the action
- Take into account ongoing activities to avoid duplications, and liaise with them where relevant
- Analyse foreseen benefits for citizens and/or businesses as a result of the proposed actions

Objective 1 - Award criteria (1/2)

Relevance:

- **Alignment to DSI implementation objectives & activities (WP), e.g.:**
 - *What are the service(s) proposed? Which priority domains do they concern? Does the proposal address ALL the issues listed in the call text?*
 - *What are the use cases, the application area(s) and the concrete services with real users? how do they showcase the use of the services?*
 - *What is the relevant input data?*
- **Alignment to EU/national policies, strategies and activities, including e.g.:**
 - *How the proposal contributes to EU policies on Open data, re-use of public sector information?*
 - *Is the proposal in line with the guidelines on recommended standard licences, datasets and charging for the reuse of documents (Commission notice 2014/C 240/01)?*

Objective 1 - Award criteria (2/2)

• Quality & efficiency:

- **Maturity** *e.g. is the proposed service ready to be deployed? Will the proposed service be live/operational by the end of the project? Does the service build on existing solutions? If so, what is the state of play of these solutions?*
- **Coherence/effectiveness of work plan** *e.g. Is there sufficient detail on project management, and risk management? Are the tasks described in sufficient detail? Is the allocation of tasks and resources appropriate? Are the costs justified?*
- **Quality of consortium/consortium members:** *Are CVs provided with the proposal including relevant experience, qualifications and industry/sector certifications? Is the consortium composition relevant and well-balanced?*
- **Support from national authorities/industry/NGOs**
- **Attention to security/privacy/accessibility** (inclusiveness, where relevant)

• Impact & sustainability:

- **Quality of the approach to facilitate wider deployment/take-up of the proposed actions** *e.g. what are the specific dissemination activities to target users? Are other potential users/countries/public administrations etc. well identified? Are there specific training activities (where relevant)?*
- **Capability of long-term sustainability without EU funding** *e.g. are there business cases to operate the service with the necessary support and maintenance? in case of sub-contracting of core tasks how will the knowledge-transfer be organised?*

Objective 2 - Overview

- Budget: **1,5 m€**
- Max. funding per action: **n/a**
- Max. co-funding rate: **75% of total eligible costs**
- Pre-financing: **up to 50% of the grant amount**
- Indicative duration of the actions: **up to 36 months**
- Consortium composition: **a minimum of 5 entities from 5 or more eligible countries**

Objective 2: **Specifics (1/3)**

- Proposed actions should create and deploy cross-border services providing access (for viewing and downloading) to harmonised thematic open dataset(s) and their corresponding metadata
- Services can be based on different data sources, such as **geospatial data** provided under INSPIRE, Copernicus, Geostationary Navigation Overlay Service (EGNOS)/Galileo positioning & navigation information, or data provided by citizens and crowd-sourced initiatives, such as OpenStreetMap

Objective 2: **Specifics (2/3)**

- *Services must:*
 - be harmonised in terms of data content, level of detail, data structure, vocabularies and licence conditions and have pan-European, or at least cross-border, geographical coverage (min. 5 Member States)
 - be made available through the European Data Portal and documented through metadata in the appropriate harvested catalogues
 - provide value-added information to support specific application areas in priority EU policies (e.g. energy, climate, protection of the environment, sustainable use of natural resources, emergency/disaster management)

Objective 2: **Specifics (3/3)**

- By the end of the proposed action, a document outlining the barriers encountered during the creation of the services will be delivered, including recommendations for tools, functionalities or good practices that could facilitate the creation of such services on a larger scale or for other application areas.
- Proposals should include a plan for long-term sustainability

Objective 2 - Award criteria (1/2)

Relevance:

- **Alignment to DSI implementation objectives & activities (WP), e.g.:**
 - *What are the service(s) proposed? What is the value-added of the information provided?*
 - *What are the use cases, the application area(s) and the concrete services with real users? how do they showcase the use of the services?*
 - *Are data sources clearly identified?*
- **Alignment to EU/national policies, strategies and activities, including e.g.:**
 - *Does the proposal support priority EU policies (e.g. energy, climate, protection of the environment, sustainable use of natural resources, emergency/disaster management)?*
 - *How does the proposal contribute to EU policies on Open data, re-use of public sector information, INSPIRE?*
 - *Is the proposal in line with EU-level guidelines, recommendations or good practices on licencing, data harmonisation, data structures/formats and vocabularies?*

Objective 2 - Award criteria (2/2)

• Quality & efficiency:

- **Maturity** *e.g. is the proposed service ready to be deployed? Will the proposed service be live/operational by the end of the project? Does the service build on existing solutions? If so, what is the state of play of these solutions?*
- **Coherence/effectiveness of work plan** *e.g. Is there sufficient detail on project management, and risk management? Are the tasks described in sufficient detail? Is the allocation of tasks and resources appropriate? Are the costs justified?*
- **Quality of consortium/consortium members:** *Are CVs provided with the proposal including relevant experience, qualifications and industry/sector certifications? Is the consortium composition relevant and well-balanced?*
- **Support from national authorities/industry/NGOs**
- **Attention to security/privacy/accessibility** (inclusiveness, where relevant)

• Impact & sustainability:

- **Quality of the approach to facilitate wider deployment/take-up of the proposed actions** *e.g. what are the specific dissemination activities to target users? Are other potential users/countries/public administrations etc. well identified? Are there specific training activities (where relevant)?*
- **Capability of long-term sustainability without EU funding** *e.g. are there business cases to operate the service with the necessary support and maintenance? in case of sub-contracting of core tasks how will knowledge-transfer be organised?*

Objective 3 - Overview

- Budget: **15 m€**
- Max. funding per action: **2.5 m€**
- Max. co-funding rate: **75% of total eligible costs**
- Pre-financing: **up to 50% of the grant amount**
- Indicative duration of the actions: **36 months**
- Consortium composition: **1 or more organisations from 1 or more eligible countries**

Objective 3: **Expected Outcome**

- Increasing the HPC and data capacities in Europe
- Outcome of the proposed actions:
 - create **generic access services** increasing the usability of HPC, storage and data management facilities, and enabling the exploitation and the cross-border use of HPC and data for public interest
 - Generic access services will have to be showcased **in concrete services of public interest with real users**
 - proposed actions must also include the **provisioning of HPC and data resources**, including where necessary, the procurement of dedicated HPC, storage and data management infrastructures, and cloud-based services to access such resources and to process the data

Difference with previous call:

(2017): services demonstrating the value of HPC+Open Data

(2018): generic access services + user services + provisioning of HPC and Data resources

Objective 3: **Specifics (1/2)**

- Proposals **must** address all of the following:
 - generic access services, and demonstrate that they increase the usability of HPC, storage and data management facilities
 - set of cases in targeted application area(s) and develop end-user driven services of public interest, based on the proposed generic access services
 - identify clearly the relevant data and ensure
 1. seamless access to input data and
 2. relevant datasets (including metadata) generated will be made available as open data - conformant/interoperable with standards relevant to the targeted public services, including for upload onto a national/domain Open Data Portal and the European Data Portal

Objective 3 – Specifics (1/2)

- Proposals **must** address all of the following (2/2):
 - demonstrate that the action contributes to the objectives of the European Data Infrastructure, i.e. increasing the uptake of HPC, storage and data management facilities in Europe, and contributing to a new generation of easy-to-use HPC and data-powered cross-border and intelligent services
 - demonstrate the value of using supercomputing resources in the proposed action to analyse and process massive amounts of open data resources.
- Expected applicants include: HPC+data infrastructure providers, large data generators or providers, users, developers of cloud-based access services
- Expected requested contribution between €3 and €5 million

Objective 3: **What is in scope?**

- **What IS in scope of the call?**
 - Proposals increasing the HPC and data capacities in Europe, **with generic access services and end-user services, and provisioning of HPC/data capacities**
 - No restrictions on the application domain of the service or input data sets
 - Output (**relevant** data/datasets and metadata):
 - publicly available as open data and,
 - (if applicable) conformant/interoperable with the standards adopted by the targeted public services, including for seamless upload onto a national/domain related Open Data portal and the European Data Portal
- **What IS NOT in scope of the call?**
 - Proposals that do not increase the HPC and data capacity available for users in Europe with additional HPC/data resources and services

Objective 3 - Award criteria (1/2)

Relevance:

- **Alignment to DSI implementation objectives & activities (WP), e.g.:**
 - What are the generic service(s) – how do they increase the usability of HPC and data facilities? how do they enable the scalable exploitation and the cross-border use of HPC and data capacities for public interest?
 - What are the use cases, the application area(s) and the concrete services with real users? how do they showcase the use of generic services?
 - What are the new HPC and data resources provisioned? How much and how are they accessed? Are new infrastructures procured? What are the cloud-based services to access resources and to process the data?
 - What is the relevant input data, how is seamless access ensured?
 - How the proposal will contribute to lay down the basis a new generation of HPC and data-powered cross-border and intelligent services?
- **Alignment to EU/national policies, strategies and activities, including e.g.:**
 - How the proposal increases the HPC and data capacities of the European Data Infrastructure and widens the use of HPC (European Cloud initiative: [COM\(2016\)178](#))

Objective 3 - Award criteria (1/2)

• Quality & efficiency:

- **Maturity** e.g. are there new services and HPC/data capacities, or builds on an existing one? does the proposal demonstrate that the proposed action is technically mature e.g. diagrammatic representation of the high-level architecture of the solution
- **Coherence/effectiveness of work plan** e.g. are the HPC resources provisioned adequate for the objectives? Do they justify the the procurement of new resources?
- **Quality of consortium/consortium members**
- **Support from national authorities/industry/NGOs**
- **Attention to security/privacy/accessibility** (inclusiveness, where relevant)

• Impact & sustainability:

- **Quality of the approach to facilitate wider deployment/take-up of the proposed actions** e.g. what are the specific dissemination activities to target users? Are other potential users/countries/public administrations etc. well identified? Are there specific training activities (where relevant)?
- **Capability of long-term sustainability without EU funding** e.g. are there business cases to operate the service with the necessary support and maintenance? in case of sub-contracting of core tasks how will the knowledge-transfer be organised?

Other useful information

- **Call webpage:**

<http://ec.europa.eu/inea/en/connecting-europe-facility/cef-telecom/apply-funding/2018-cef-telecom-call-public-open-data>

- **Link to the European Data Portal:**

<http://data.europa.eu/europeandataportal>

- **Background info on the HPC strategy:**

<http://ec.europa.eu/digital-single-market/en/policies/high-performance-computing>

- **Background info on INSPIRE:**

<http://inspire.ec.europa.eu/>

More information on the calls...



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inea@ec.europa.eu



<http://ec.europa.eu/inea/en/connecting-europe-facility/cef-telecom/apply-funding/2018-cef-telecom-calls-proposals>



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Thank you!

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**Thank
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