

eInvoicing workshop

eInvoicing for everyone!

20 April 2021

Start at 3:00 pm (CET)

Ground Rules for this live session



Please mute your microphone before the session starts



To chat with other participants and submit questions, please use the **Q&A function** to the right of your screen. When writing your **question**, please write your **text + the name to whom you address it**



To connect your audio go to the Quick Start tab and connect your audio (dial-in, dial-out or connect via computer)



eInvoicing for everyone

DIVE into the new Digital Europe Programme and discover our Success Stories with CEF!



Agenda

15:00 – 15:10

Opening and Welcome!

15:10 – 15:15

Part 1: INEA coordination of eInvoicing projects

15:15 – 16:05

Part 2: CEF eInvoicing Success Stories

16:05 – 16:15

Part 3: Transition to the Digital Europe Programme

16:15 – 16:25

Questions & Answers on the Digital Europe Programme

16:25 – 16:30

Closing remarks



eInvoicing

European Commission Speakers



Ciprian Cristea

DG GROW /B4
Head of Unit “Data and knowledge for policy, business and people”



Irena Rivière-Osipov

DG GROW/B4
Responsible for EU eInvoicing policy



Fani Tsirantonaki

HaDEA
Health and Digital Executive Agency Project Manager



Caroline Corneau

CEF
eInvoicing Project Manager and Team Leader



Solène Drugeot

CEF
eInvoicing Stakeholder Onboarding Manager

Opening

Policy highlights and invoicing
state of play



Ciprian Cristea

DG GROW /B4
Head of Unit “Data and knowledge for
policy, business and people”



01

INEA coordination
of eInvoicing
projects



CEF Telecom Programme – Who's who?

Connecting Europe Facility (CEF) in Telecom

- › Key EU instrument to **facilitate cross-border interaction between public administrations, businesses and citizens.**
- › Set of services and deployment of digital service infrastructures (DSIs) and broadband networks.
- › Active Stakeholder Community to enhance the day-to-day work on eInvoicing.

Digital Europe Programme

- › New programme under the next multiannual financial framework (2021-2027).
- › Goals: reinforcement of **EU critical digital capacities** by focusing on the key areas of artificial intelligence (AI), cybersecurity, advanced computing, data and cloud infrastructure, governance and processing, and their deployment and best use for critical sectors (including support to advanced digital skills in these areas).

Innovation & Networks Executive Agency (INEA)

- › Now called the **European Climate, Infrastructure and Environment Executive Agency.**
- › Agency was responsible for **implementing an estimated EUR 448 M** of the CEF Telecom budget in the form of grants during 2014-2020.

CEF-II 'Digital

- › Focused on the **deployment of cross-border 5G networks** along major transport paths, the early deployment and take up of 5G in local smart communities as well as pan-European backbone networks interconnecting digital capacities such as cloud, high-performance computing and quantum secure communication.

As of 01.04.2021 and the adoption of the new Multiannual Financial Framework for the period 2021-2027, the Telecom sector is managed under the **NEW** Health and Digital Executive Agency of the European Commission, responsible for the CEF II and the Digital Programme (DEP)

CEF - Telecom Grants 2014-2020 - eInvoicing

CEF eInvoicing BUILDING BLOCK

- Supports public administrations in complying with EU eInvoicing **Directive 2014/55/EU**.
- Promotes the eInvoicing **uptake** and helps public authorities, service and solution providers to adapt their services to support the **European standard on eInvoicing**.
- The standard was published by the European Commission on 17 October 2017 in the **Official Journal of the European Union**.

INEA ACTIONS

The actions funded further to the 2015 - 2019 eInvoicing calls include

- the **uptake of EN-compliant eInvoicing tools** by the public authorities,
- the **upgrade of the existing solution** (public and well as private) to ensure compliance with the EN,
- the **implementation of innovative solutions** allowing advanced eInvoicing/eProcurement functionalities,
- work on aligning national standards with the EN,
- integration of eInvoicing solution providers with the public authorities,
- **suppliers on-boarding**,
- interoperability testing as well as **deployment of eDelivery** for the purpose of document delivery.

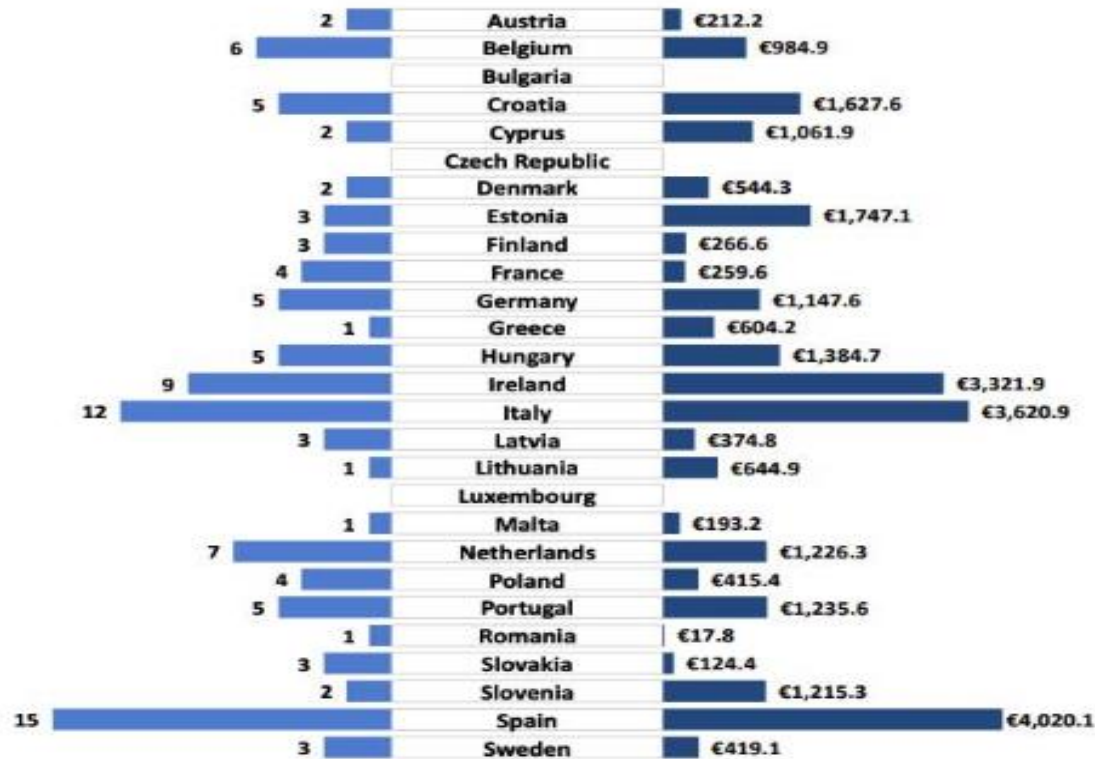
FUNDING

49 agreements have been signed for eInvoicing building blocks under the annual calls-from 2015 - 2019. A total of approximately **EUR 29.9 million** of CEF Telecom funding has been earmarked for 24 Member States, two EEA countries and one third country, corresponding to a total cost of €39.8 million.

CEF eInvoicing – Number of projects and Funding per country



Member States
Number of projects and CEF funding (€ thousand)



EEA and Third Countries
Number of projects and CEF funding (€ thousand)



CEF eInvoicing – What is a Success Story?

It is ..

- a relevant story that people can identify with;
- an impressive story;
- a project that can be promoted in publications, social media, videos, speeches or at events;
- a project that appeals to the EU citizen;
- a project with tangible results for citizens;
- a project which led to a significant breakthrough (e.g. progress in digital services, better and cheaper digital services for EU citizens, more efficient trans-European interconnected digital services..)

Now, time has come for you to tell your stories...

02

CEF eInvoicing Success Stories



Success Story #1

Invoicegate.com

The IT systems are integrated into one solution establishing connectivity and interoperability between customers in Baltic States and making cross-border business transactions much easier.



Andres Lilleste

Regional Coordinator at
Unifiedpost Group (Estonia)

E-invoices to everyone!

Andres Lilleste
Unifiedpost Group



unifiedpost
GROUP

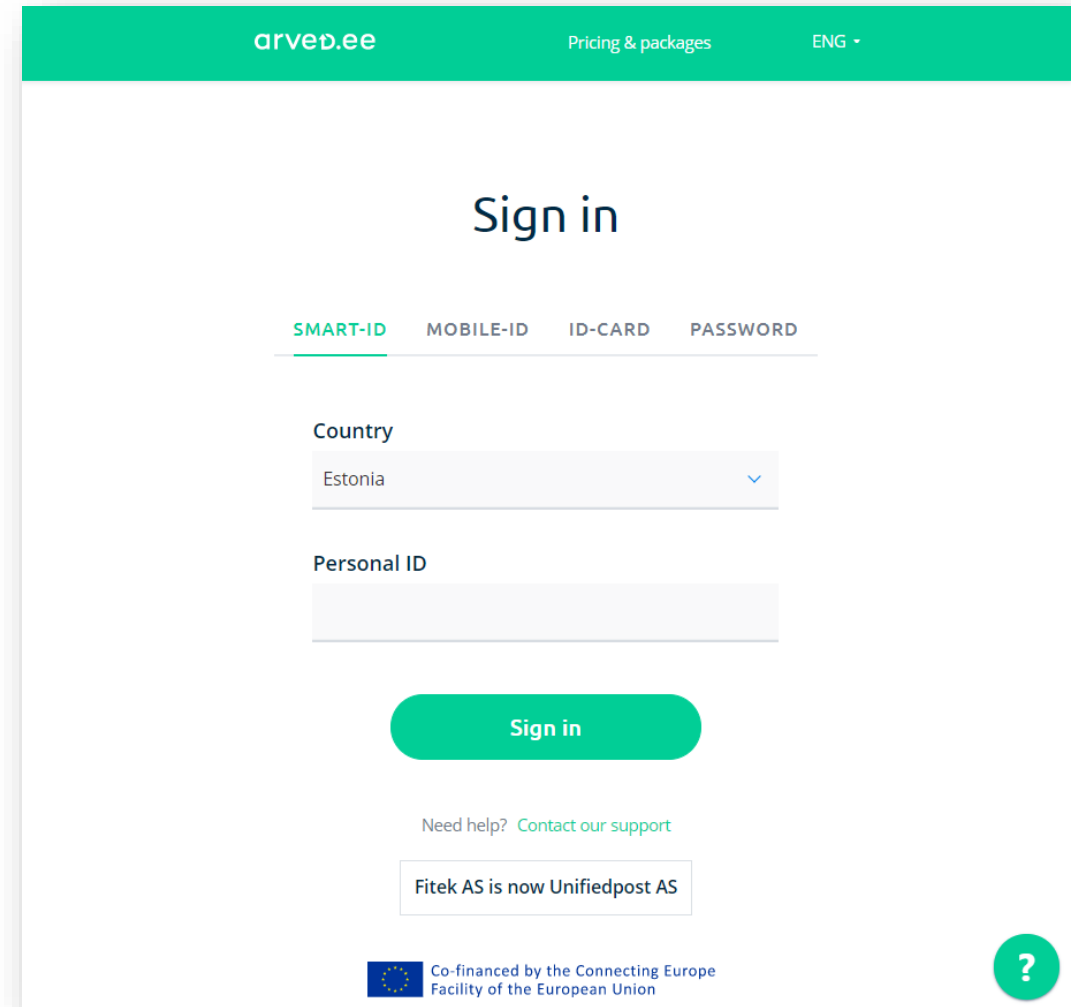
Project

Unifiedpost Group

SSE

<https://www.invoicegate.com/>

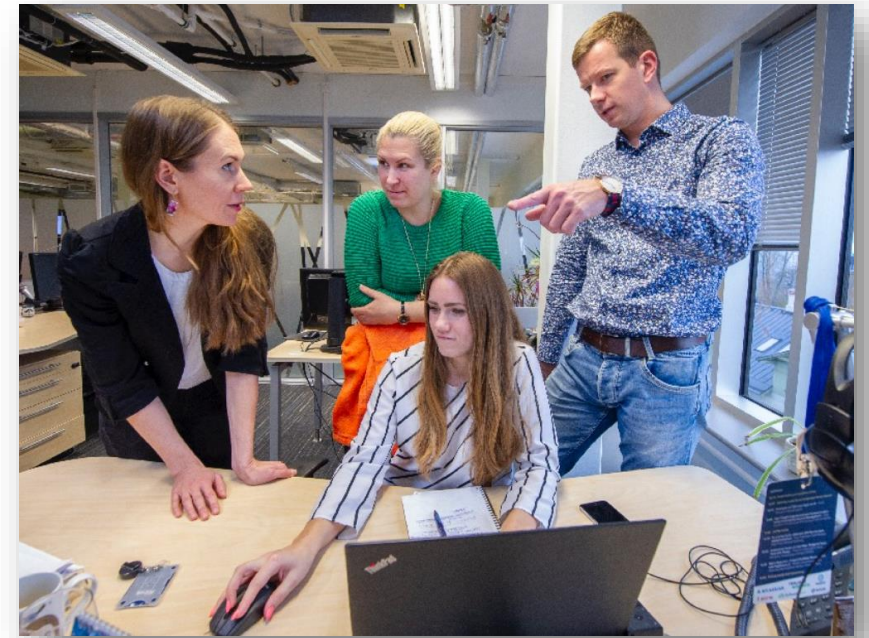
www.arved.ee



The screenshot shows the sign-in page for arved.ee. The page has a green header with the logo, navigation links for 'Pricing & packages' and 'ENG', and a main heading 'Sign in'. Below the heading are four tabs: 'SMART-ID' (selected), 'MOBILE-ID', 'ID-CARD', and 'PASSWORD'. The form includes a 'Country' dropdown menu set to 'Estonia', a 'Personal ID' input field, and a green 'Sign in' button. At the bottom, there is a link for 'Need help? Contact our support', a notification box stating 'Fitek AS is now Unifiedpost AS', and a footer with the European Union logo and text 'Co-financed by the Connecting Europe Facility of the European Union'. A help icon is visible in the bottom right corner.

Team

- **CEF funding project manager**
- **Product Owner**
- **Development team:**
Inhouse development resources
- **Marketing:**
External consultancy combined with internal resources



- **Moto:** „E-invoicing must be as simple as sending an email!“
- **Customer:** SMEs
- **Service:** eInvoice sending – B2B and B2G
- **Solution:** Peppol and local roaming
- **Features:**
 - Strong authentication – if possible (smart-ID, mobile-ID, local identity provider)
 - API requests to local business registries
 - Simple and straight-forward UX
 - Localisations and translations
- **Markets:** EU internal market

Timeline

- **Start:** 01.2018
- **Funding:** 01.2019 - 07.2020
- **First country/release:** 31.05.2019
- **Project finalised:** 31.07.2020
- **Today:**
16 500 SMEs

Challenges faced and Solutions

- Trademarks? – legacy trademarks vs taking a new appellation
- How to reach customers? – digi-marketing and webinars
- How to onboard customers? – authentication
- Reorganising – Spring 2020



CEF eDelivery/eInvoicing and INEA

- **Support**
- **Seminars**
- **CEF eDelivery and testing infrastructure and support**

FUN and FACT!

88 %

THANK YOU!

Andres Lilleste

Unifiedpost Group

andres.lilleste@unifiedpost.com

Success Story #2

In-LoRe - Croatian eInvoicing for Local and Regional Authorities

The project aimed at supporting the uptake of eInvoicing services by Croatian public entities (including local and regional authorities), by allowing them to send and/or receive electronic invoices compliant with the EN (supported by both syntaxes of the EN).



Maja Radišić Žuvanić

Head of Digital Economy
Services, Croatian Ministry
of Economy



Co-financed by the Connecting Europe
Facility of the European Union

eIBC eInvoicing Boost for Croatia

DigitALL

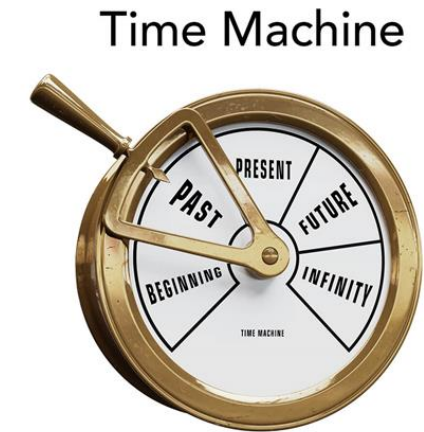
Agreement No: INEA/CEF/ICT/A2019/1928327
Action No: 2019-hr-ia-0004





CEF eIBC
(eInvoicing Boost for Croatia)
Action n° 2019-HR-IA-0004

Let us recollect eInvoicing in CROATIA



- # first information intermediary - 14 years ago - 2007
- # first eInvoice in Croatia exchanged -13 years ago - 2008
- # eInvoice acknowledged and legally equated with paper invoice - 7 years ago
2012/2013 with VAT Directive/national VAT Act
- # Directive on eInvoicing in public procurement - 7 years ago - 2014
- # first issued eInvoice for state bodies - 6 years ago – 2015 by MINGO via FINA
- # national Act on eInvoices in public procurement - fully enforced 2 years ago



eInvoicing in Croatia today (mandatory in public procurement):

STATISTICS from NATIONAL CENTRAL eINVOICE EXCHANGE PLATFORM

1.7.2019.-15.3.2021. state of play

Number of contracting authority via NCP: cca **6.000**

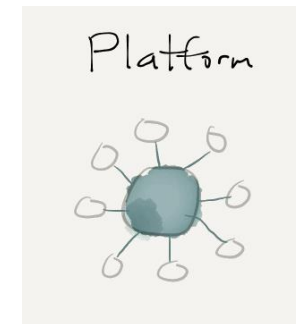
Number of entrepreneurs/suppliers integrated on NCP: cca **37.000**

Number of exchanged eInvoices via NCP: cca **10 milion**



CEF eIBC
(eInvoicing Boost for Croatia)
Action n° 2019-HR-IA-0004

Implemented CEF Telecom eInvoicing projects by MINGO: Croatian eInvoicing **B2A** → **eICPA** → **eIn – Lo-Re** + **eIBC** + **WiFi4EU**





eInvoicing Boost for Croatia

- } Project coordinator: MINGPO
- } 2 project partners: FINA i PBZ
- } Duration: 12 + 4 months due to
- } Project budget: EUR 417.678,40
- } CEF co-financing: EUR 313.258,80





CEF eIBC
(eInvoicing Boost for Croatia)
Action n° 2019-HR-IA-0004



GENERAL OUTCOME eIBC:

Upgrade of the existing e-Invoicing platform with new functionalities and integration with the internet banking system



CEF eIBC
(eInvoicing Boost for Croatia)
Action n° 2019-HR-IA-0004



Mobile



SPECIFIC OBJECTIVES

- ✓ to adapt and improve the existing **internet banking PBZ portal** with additional modules that will enable the provision of an integrated e-invoicing service to existing users,
- ✓ development of a **monitoring application** and introduction of a reporting component for the purpose of enabling automatic control, management and reporting,
- ✓ development of **m-invoice** functionality within the existing **mFina platform** and enabling registered users of the e-Invoice platform unlimited access to the platform via mobile devices



CEF eIBC
(eInvoicing Boost for Croatia)
Action n° 2019-HR-IA-0004



5 main project activities:

1. Project management, visibility and dissemination - MINGOR
2. Adaptation of the internet banking portal - PBZ
3. Development and integration of web services - PBZ & FINA
4. Monitoring application development - FINA
5. Development of mobile application functionality - FINA



A1 – Project Management, Visibility and Dissemination



- **Communication**

- via e-mail, phone, communication platforms (due to Covid-19 pandemic)
- daily or weekly basis (depending on activities implementation)



- **Milestones and deliverables**

- all milestones reached in time
- all deliverables produced



- **Visibility and dissemination**

- 1st visibility event held on February 20th 2020
- 2nd visibility event in form of a presentation of project results, published on partners' web pages and social networks, brochure & press release prepared for the media



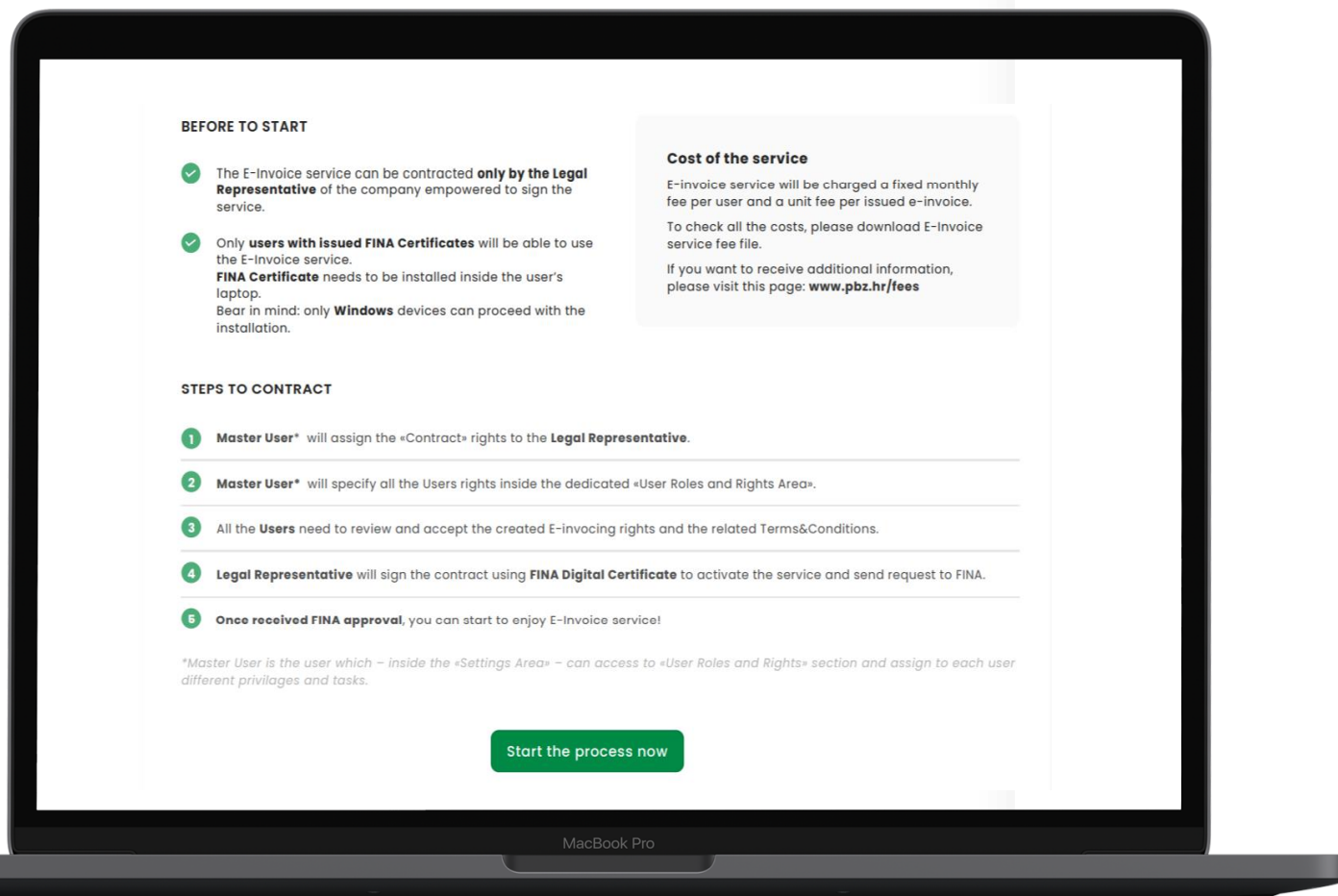


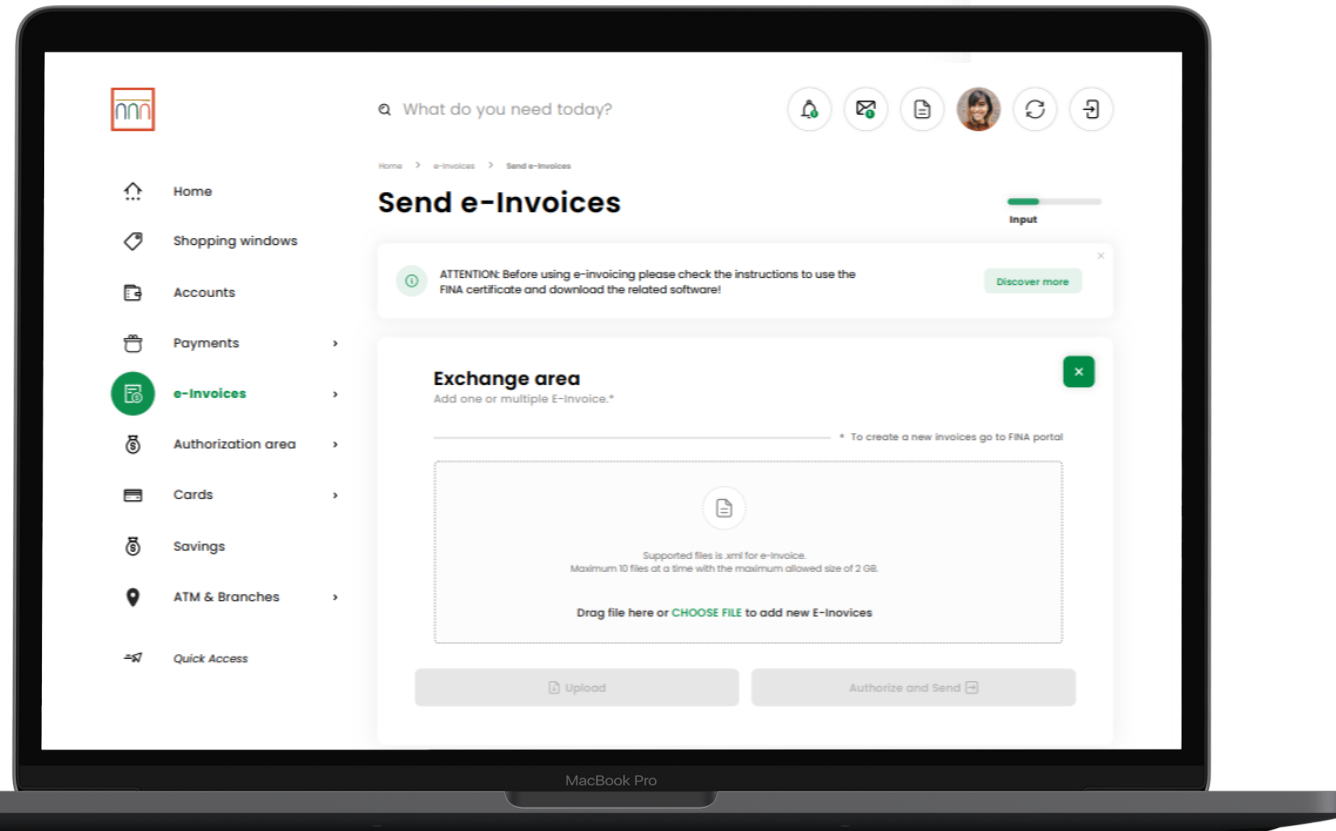
A2 – Upgrade of the Internet banking portal of PBZ bank

- ✓ **Customer contracting module development** - modules for contracting eInvoice service with customer via Bank's internet banking solution or in the branch
- ✓ **eInvoice module development** - development of infrastructure and functionalities, embedded into Bank's internet banking platform, which will enable Bank's customers to send, exchange and receive eInvoices, formatted according to EN (European Norm) to/from their partners, by using single secured financial portal provided by Bank
- ✓ Aim is to promote not only usage of EN formatted eInvoices in public sector but to B2B eInvoice exchange as well
- ✓ **eInvoice exchange (visualisation) module development** - module will be integrated into Bank's Internet banking platform and will serve to customers to search, select and display eInvoice, outgoing or incoming
- ✓ **Fee calculation & collection module development** - internal Bank's module which will be used for fee calculation, creating and delivering Invoices to the customers, and fee collection by direct debiting of customer accounts

Contracting Process

Modules for contracting e- Invoice service with customer via Bank's internet banking solution or in the Bank's branch offices



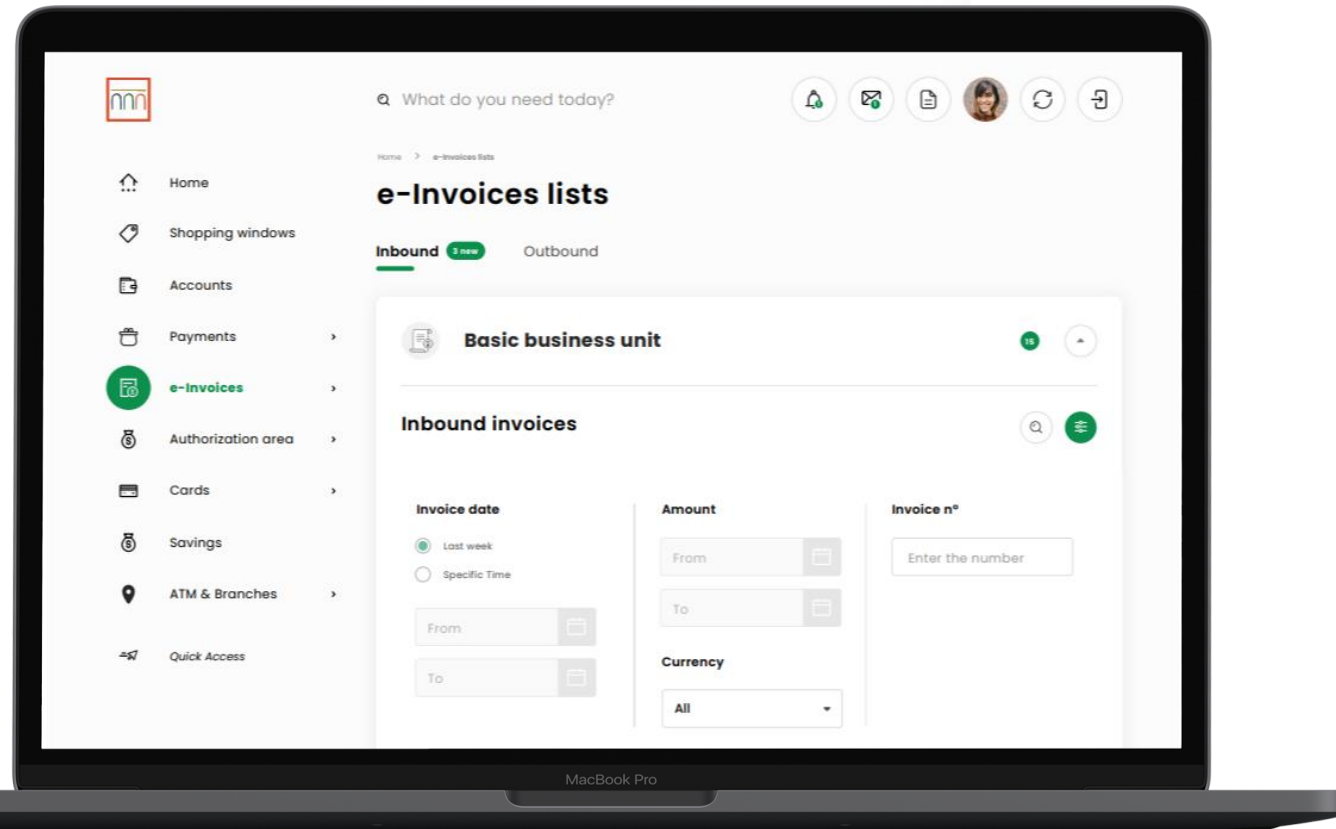


e-Invoices Upload

Development of infrastructure and functionalities, embedded into Bank's internet banking platform, which enables Bank's customers to send, exchange and receive eInvoices, formatted according to EN (European Norm) to/from their partners, by using single secured financial portal provided by Bank

Aim is to promote usage of EN formatted e-Invoices both in public and business sector (B2B e-Invoice exchange)





Filtering Inbound Invoices

Module has been integrated into Bank's Internet banking platform and enables to customers to search, select and display eInvoice, outgoing or incoming





A3 – Web service development and integration

- FINA & PBZ
- REST - Representational State Transfer service - developed
- Central eInvoicing platform and PBZ Internet banking system - connected





A4 – Development of a supervisory application

Functionalities of app:

- User authentication and authorization
- Document and message management systems
- Sending notifications to users
- User and information intermediaries' management
- Keeping statistics and creating statistical reports
- System control
- Reviewing and retrieving logs





A4 – Development of a supervisory application

During the project, Fina developed and upgraded:

1. Monitoring application - for MINGOR is provided with automatic control and management and reporting functionality (*authentication and authorization of users, creating reports, document management, sending notifications, managing SOAP messages, system control, etc.*)

2. Mobile application - within the existing mFina mobile platform, the functionality of mRačun (mInvoice) has been developed, which enables the general public access to the register of eInvoice users and registered users of the eInvoice platform, continuous and uninterrupted access to it via mobile devices.

Through the mobile application, the user is now able to view their incoming and outgoing electronic invoices, change the status of electronic invoices and notifications of each received electronic invoice.



A5 – Development of Mobile application functionality





PROs

&

CONs

Technically & administratively NOT too challenging
INEA communication - real time BEST SUPPORT

BEST new feature :
Payments – 50% at the beginning,
50% at the project end

Short projects - short implementation

Reusability of building blocks

Possibility of registering new project in every call





Special thanks

Members of INEA, CEF Telecom & EC community/family :)

Ms. Fani Tsirantonaki

Ms. Agnieszka Bajno

Mr. Marc Christopher Schmidt

Mr. Christian Vindinge Rasmussen

Mr. Martin Forsberg





Co-financed by the Connecting Europe
Facility of the European Union

Thank you for your attention !



Success Story #3



Padraig Harte
Lecturer at IT Sligo

Promote uptake of eInvoicing in Ireland

Thanks to CEF eInvoicing Building Block's support and services, the adoption of eInvoicing in three local authorities provided the blueprint to efficiently onboard other Irish local public administrations and businesses.



Edmund Gray
Chief Technical Officer at
Tubbercurry Software Ltd



“Promote uptake of eInvoicing in Ireland”

The aim of this project is to foster the uptake of eInvoicing services compliant with EN and its ancillary deliverables by the Irish local authority sector





Contents

1. Introduction
2. Project Details
3. Outcomes
4. Lessons Learned



IT Sligo Role

- Overall coordination with INEA
- Project management
- Final Technical & Financial Report

Padraig Harte Coordinator

- *Former IT Officer/Current Lecturer/ Project Coordinator*
- *Coordinator on previous e-Invoicing projects*
- *Contributor to the PEPPOL transport standard*

Aidan Higgins Project Manager

- *Former PM On Corrib Gas Terminal*
- *PM on previous e-Invoicing projects*

IT Sligo Research office

- *Administration and Financial Compliance*



Kildare County Council
Comhairle Contae Chill Dara

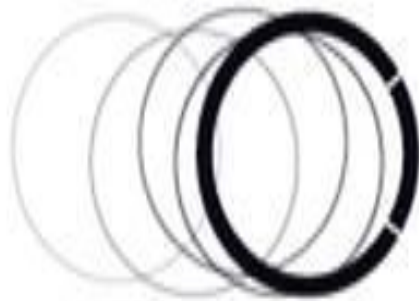
Comhairle Contae
Fhine Gall
Fingal County
Council



“The Consortium”



Monaghan
County Council



Celeris





Key Team Members

No	Name	Key Team Lead
1	LGMA: Local Government Management Agency	Brendan Nicholson – Project Team Lead Declan Keating – Finance Team Lead
2	Monaghan County Council	Carmel O’ Hare HIS
3	Kildare County Council	Mary Behan
4	Fingal County Council	Conor Molony (FMA)
5	Tubbercurry Software Limited	Edmund Gray
6	Celeris Group Ltd	Carmen Ciciriello
7	Institute of Technology, Sligo	Padraig Harte BSc MA – Project Coordinator Aidan Higgins – Project Manager



The Project

Focus

- ‘Build to Share’ e-Invoicing Gateway
- The EN for e-Invoicing.
- Councils would connect their ERP systems to the e-Invoicing gateway
- Focus
 - CIUS requirement
 - Invoice functionality
- Foundation to roll out e-Invoicing to the other local authorities.



Activities & Milestones

No	Activity Name	Activity Leads	Deliverables/Milestones
1	Project Management	Institute of Technology, Sligo and supported by consortium members.	Final report approved by the Project Coordinator and Project Board
2	Integration and upgrade ERP software	LGMA and supported by consortium members	eInvoices can be received by LAs through the PEPPOL network A report from LA's demonstrating that eInvoices received are compliant with CIUS Acceptance report by eInvoicing core service platform
3	Develop CIUS	Tubbercurry Software Limited and supported by consortium members	A report indicating that all CIUS published by the project are compliant with the European Standard (EN)
4	EN functional compliance check	Monaghan County Council in conjunction with LGMA and other local authority members and fully supported by other consortium members	EN functional compliance report approved by the Project Board.
5	Capacity Building	Celeris Group Ltd, Tubbercurry Software Ltd and supported by consortium members	Website and publicity events Training sessions and seminars



Challenges

1. Lack of LA Experience
2. Suppliers need to be supported.
3. Different ERP Systems.
4. Different Requirements in Local Authorities



Result 1

All 31 Irish Local Authorities are NOW

- ***On-Boarded***
- ***Able to process invoices***



Result 2

1. CIUS Adoption

i. Region of Sicily

ii. Irish HSE are actively considering Adoption



Result 3

MOOC on eInvoicing

Visit <https://opencourses.itsligo.ie/login/signup.php?>



Result 4

Lessons Learned

1. Big Win for Local Authorities

- ***Automation – streamline AP procedures***
- ***Reduced paper***
- ***Consistent Information***

2. Need for further work – e.g. the Purchase Order

3. Support for Suppliers



Conclusion

1. CEF Program

i. Financial Support

ii. Policy Support

iii. Specifications

iv. Support Material

2. Led to a successful project result

3. The work is on-going!



Final Conclusion

"We should keep our feet on the ground to signify that nothing is beneath us, but we should also lift up our eyes to say nothing is beyond us."

Seamus Heaney





Thank You

Any Question?

03

Transition to the Digital Europe Programme



Irena Rivière-Osipov

DG GROW/B4
Responsible for EU
eInvoicing policy



Questions & Answers on the Digital Europe Programme

CEF eInvoicing Services

CEF eInvoicing Team remains available to guide you through eInvoicing adoption

1

CEF eInvoicing Help Desk

The **CEF eInvoicing Help Desk** is responsible to answer your questions related to eInvoicing implementation, regulations, country-specificities, technical document, etc. Available on weekdays from 9:00 to 5:00 pm (CET). For any questions, you can liaise with us via [CEF Digital](#).

3

Benefits Analysis of the Directive 2014/55/EU implementation

The CEF eInvoicing team is conducting a benefits analysis on the implementation of the Directive 2014/55/EU. This work aims to **assess the positive changes** associated with this Directive in the EU Member States and other countries.

2

eInvoicing Technical Documentation

The CEF eInvoicing team provides you with a set of **technical tools and Registry of artefacts** (EN and national standardisation bodies, CIUS & Extensions, code lists and validation artefacts) and **eInvoicing information**.

4

eInvoicing Country Factsheets

These documents provide you with **country-specific Information** about eInvoicing. Get details about the **national requirements** and find direct access to information about **network infrastructure, legislation** and **future projects** in your country.



Join the CEF eInvoicing User Community! (@)



Thank you!

Let's continue this conversation on the CEF eInvoicing User Community! [link](#)