



Real-Life Piloting of the Once-Only Principle in DE4A



Agenda

1. Mission and Goal of DE4A Pilots
2. Pilots Added Value for DE4A Ecosystem
3. Studying Abroad
4. Doing Business Abroad
5. Moving Abroad

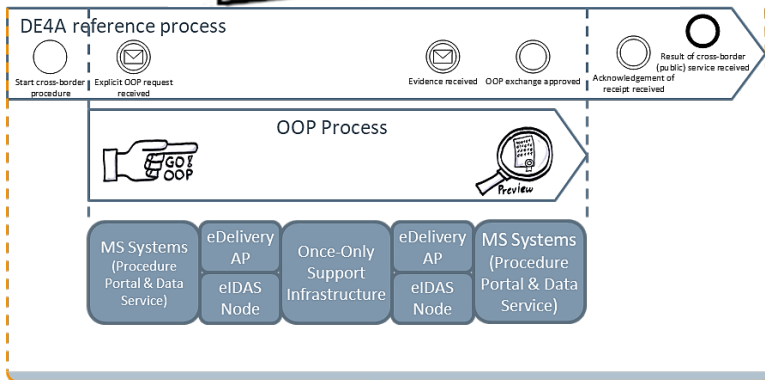


Mission and Goal of DE4A Pilots

Study, Move,
Do Business!



“Citizen and business-oriented pilots shall highlight chosen aspects of the technical ecosystem available for the SDG implementation on European and MS level, prove their technical viability and gauge the performance & degree in which non-functional requirements can be accommodated...”



E2E Scope of DE4A Pilots



DE4A has received funding from the European Union's Horizon 2020 research and innovation program, under G.A. No. 870635

DE4A Pilots Goals

3 Pilots on SDGR Life Events for Students, Companies & Citizens (2 iterations in H2 2021 and 2022)

Evidence of OOP benefits in real-life scenarios: real users with real exchange of evidence

Validate DE4A results incl. transformative technologies impact (Blockchain...)

Try-out **solutions to OOP barriers.**
Assist EU Public Admins to be SDG-ready

Integration of DE4A in national OOP layers and / or DC and DP portals => **insight to Member States on impl. challenges** and potential solutions

Pilots Added Value for DE4A Ecosystem



In-depth understanding of chosen 'Life Events' by detailed Use Case analysis in MS

Pilot important concepts relevant for SDG context and beyond

Evidence of enablers of trust of SDG users in public authorities. Evaluate in realistic conditions different trust models incl. more decentralized ones (SSI, VC).

Apply in real-life contexts results from major public sector initiatives: Public Document Regulation, EBSI-ESSIF

Measurable impacts using S.M.A.R.T. metrics substantiate how well each pilot meets established success criteria and aligns with DE4A principles

A workable design for current and future OO data sharing implementations



Studying Abroad...

Paperless Procedures for Students' Mobility

- Simplified cross-border user interaction with the educational procedures, systems and platforms
- Reduced administrative burdens in higher education by re-using evidence from trustworthy sources
- Increased security level of the cross-border educational services
- Increased uptake and use of electronic identities
- Validate novel technologies in higher education: SSI, VC, Distributed Ledgers

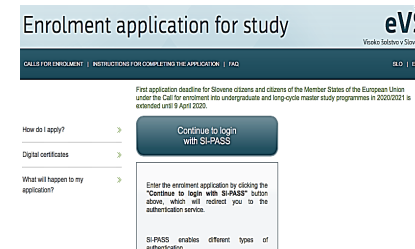


Use Cases

- Applications for Higher Education
- Applying for Study Grants
- Requesting Proof of Studies Recognition

(aligned with EBSI-ESSIF, Europass-EDCI)

SDGR Procedure
Applying for a tertiary education study financing, such as study grants and loans from a public body or institution
Submitting an initial application for admission to public tertiary education institution
Requesting academic recognition of diplomas, certificates or other proof of studies or courses



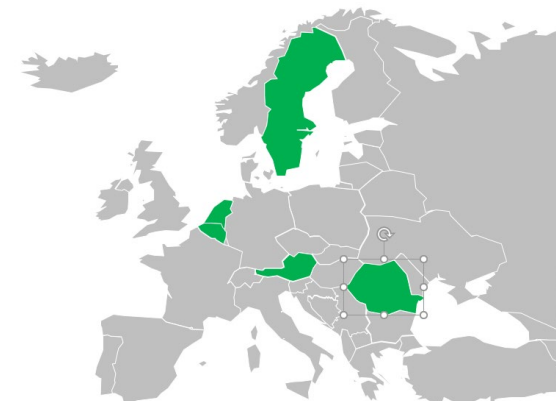
Doing Business Abroad...

Meeting Business Needs

- Improve quality of company data
- Re-use data from authentic sources (intermediation/lookup)
- Receive notifications in case of changes to the company status or –data (subscription and notification)
- Reduce manual work and lower processing costs
- Improve enrolment in registers and improve service delivery process
- Lowering barriers for companies to start a company in another MS and to do business in other MS

Use Cases

- **Starting a Business in another MS**
 - Initial registration of a company, assessment of right to do business, obligations to file tax
- **Doing Business in another MS**
 - Retrieving and updating company data by DC. May include service delivery like applying for tax or a subsidy



SDGR Procedure

Notification of business activity

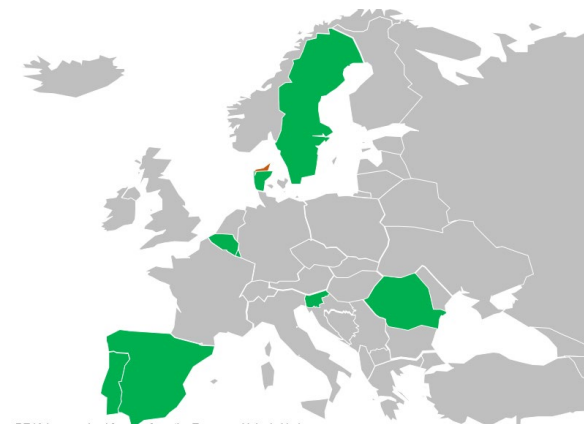
Submitting a corporate tax declaration



Moving Abroad...

Enabling Citizens' Mobility across the EU

- **Support EU citizens** that need to **provide evidence** to e.g. **register/change address** or **prove birth/marriage/death** events or when **claiming pension** from another MS
- Efficiency win, cost reduction, faster completion of the procedure as
 1. **Evidence can be requested from the country where the citizen resides**: no physical moves to the country holding evidence needed anymore => efficiency win, cost reduction, faster completion of proc.
 2. **Evidence can be delivered electronically** and in many cases **in real time** => faster completion of the foreign procedure
 3. **Evidence can be delivered in a language that can be understood by the MS** without having to translate the evidence by an agreed translator => cost reduction



Use Cases

- Registering change of address
- Civil Status certificates
- Retirement (Pensions info / claims)

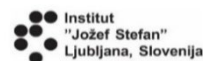
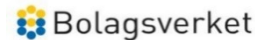
SDGR Procedure
Requesting proof of registration of birth
Registering a change of address
Claiming a pension and pre-retirement benefits
Requesting information on the data related to pension



Consortium



TIMELEX



CIO OFFICE

*DE4A Coordinator **Linked Third Party

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Thank You

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