

Once Only Technical System

Presentation to the German SDG-Workshop on education procedure

March 2024

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The user experience

DEMO

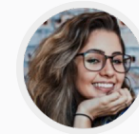
Click this link to access the [prototype](#)

PROCEDURE #4

Submitting an initial application for admission to a public tertiary education institution

This prototype is the outcome of an iterative process where we identify potential pain points, design solutions, validate them by performing multiple user tests and eventually define recommendations to overcome the pain points.

To determine OOTS from an user experience point of view, we sketched the user journey. Our starting point was using procedure #4 for representing the storytelling.

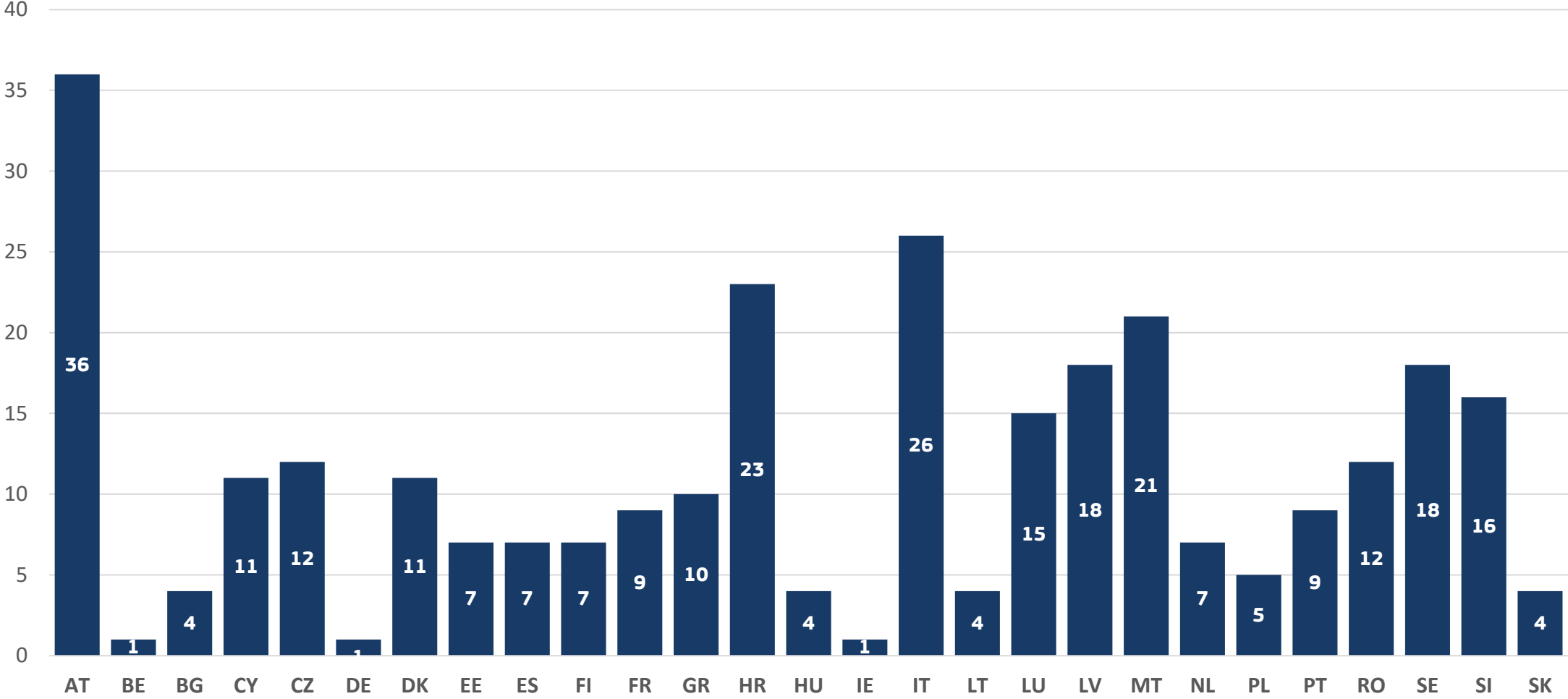


This is Bianca Baggio,

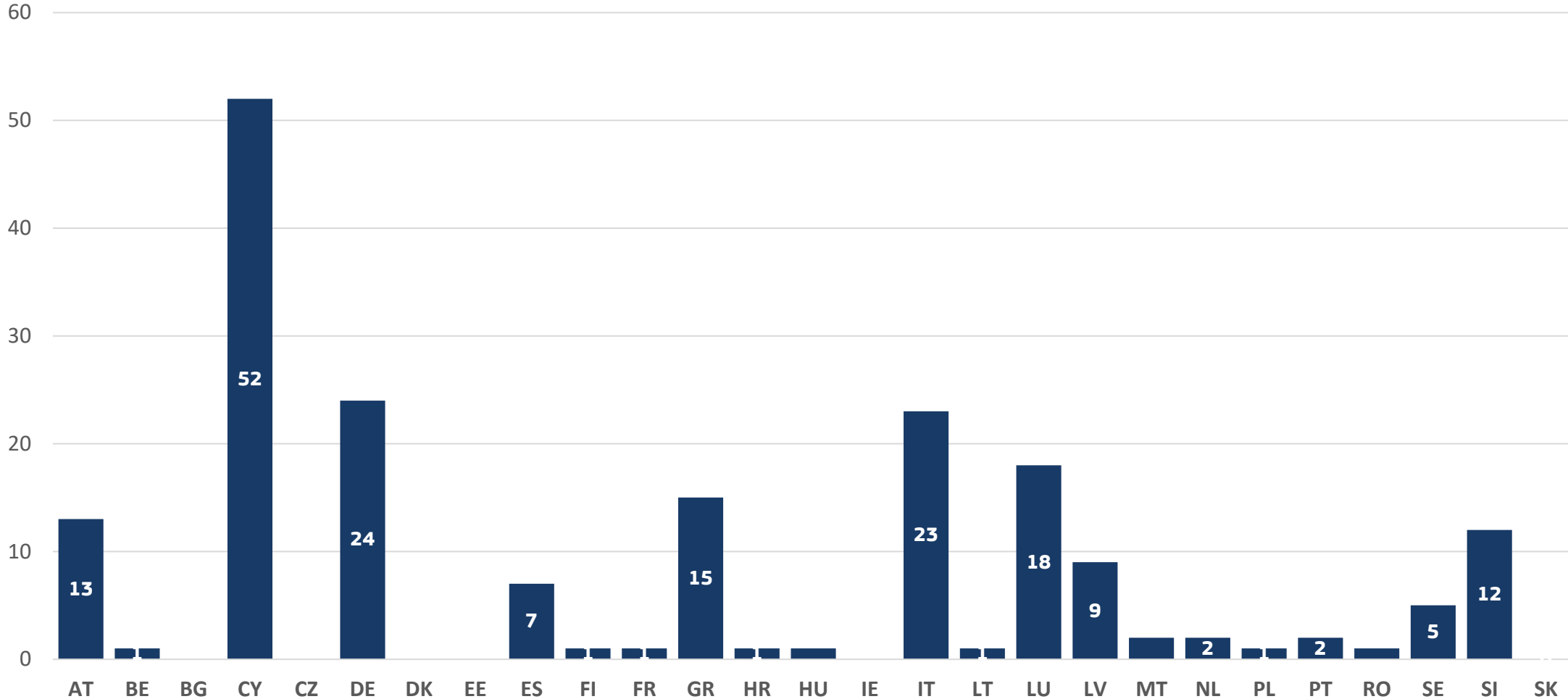
Bianca is Italian, she completed secondary school in Italy, she moved to Belgium where she completed a bachelor degree and got married. Bianca has a Belgian eID. She wants to apply for a study grant from Germany. On the university's application portal, she discovers that she can complete the procedure online with the help of OOTS.

Where are we today

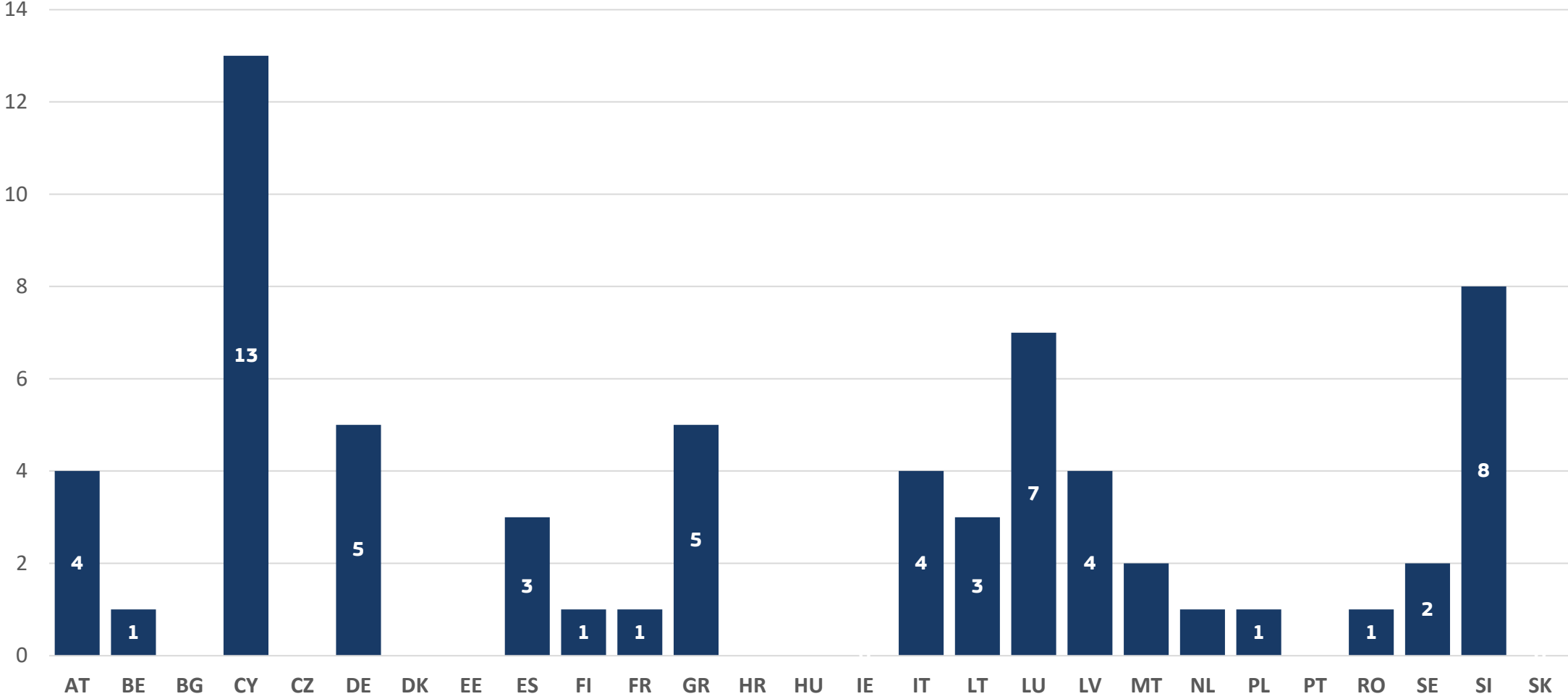
Requirements linked to a MS procedure



Evidence Types per Member State

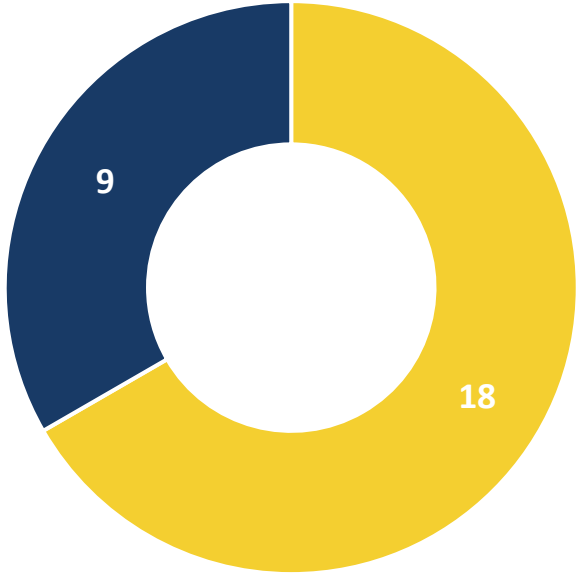


Evidence Providers per Member State



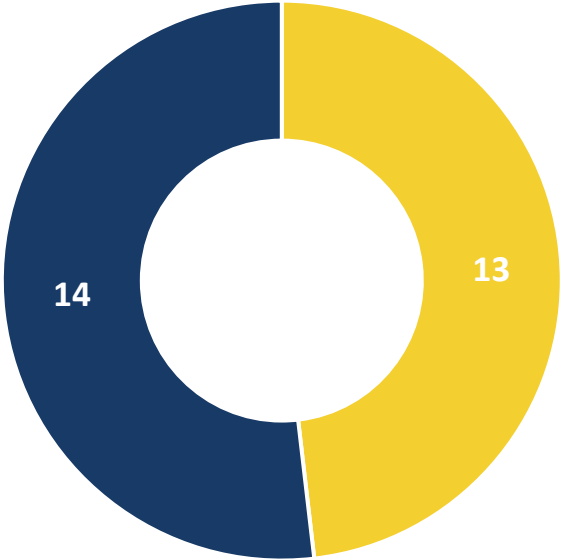
Status update on MS procedures

#4 Submitting an initial application for admission to public tertiary education



■ Created MS procedures
■ Not created

#5 Requesting academic recognition of diplomas, certificates, or other proof of studies or courses



■ Create MS procedure
■ Not created

List of requirements: education domain

Requirement name	MSs with to evidences defined
Proof of tertiary education diploma/certificate/degree	8
Proof of enrolment in tertiary education institution	7
Proof of tertiary education courses & grades (transcript) [completed/in progress]	6
Proof of secondary education diploma/certificate	5
Proof of qualification level of tertiary education diploma/certificate/degree and its courses	3
Proof of enrolment in secondary education institution	3
Proof of secondary school course & grades (transcript) [completed/in progress]	3
Proof of language proficiency (based on courses duration as part of secondary school completion)	1
Proof of vocational education/training certificate that entitles admission to tertiary education	3
Proof of mobility period	2
Proof of change of academic institution name	1
Proof of enrolment in tertiary education of sibling	0
Proof of high-performing athlete accreditation	1
Proof of enrolment in secondary education of sibling	1
Proof of fine arts high achievement accreditation	0
Proof of certificate of admission to tertiary education institution	1
Proof of tertiary education diploma supplement (EU DS template)	5
Proof of certificate of admission to secondary education institution	2

List of MS evidence providers: education domain

Evidence Provider	Evidence s	Country
Universitätsdatenverbund (technical adjustments necessary)	6	Austria
EduReg	1	Austria
Ministry of Education, Sport and Youth	0	Cyprus
Open University of Cyprus	11	Cyprus
University of Cyprus	11	Cyprus
Cyprus University of Technology	11	Cyprus
Cyprus State Scholarship Foundation	0	Cyprus
Finnish Education Authority	1	Finland
Ministère de l'Enseignement Supérieur, de la Recherche et de l'Innovation (MESRI)	1	France
Ministry of Education, Religious Affairs and Sports	5	Greece
Ministero dell'Università e della Ricerca	3	Italy
Ministero dell'Istruzione e del Merito	2	Italy
The Ministry of Education and Science	9	Latvia
National Agency for Education	0	Lithuania
Lycées du Luxembourg	3	Luxembourg
Ministère de l'Éducation nationale, Enfance et Jeunesse	0	Luxembourg
Université de Luxembourg	3	Luxembourg
Ministère de l'Éducation supérieur et de la Recherche	2	Luxembourg
Visokošolski zavod	3	Slovenia
Strokovna srednja šola	1	Slovenia
Univerza v Sloveniji	1	Slovenia
Višja strokovna šola	2	Slovenia
Državni izpitni center	1	Slovenia
Ladok	4	Sweden
Beda – UHR	1	Sweden

Evidence Explorer

The Evidence explorer shows data published data in the Common Services and helps competent authorities see:

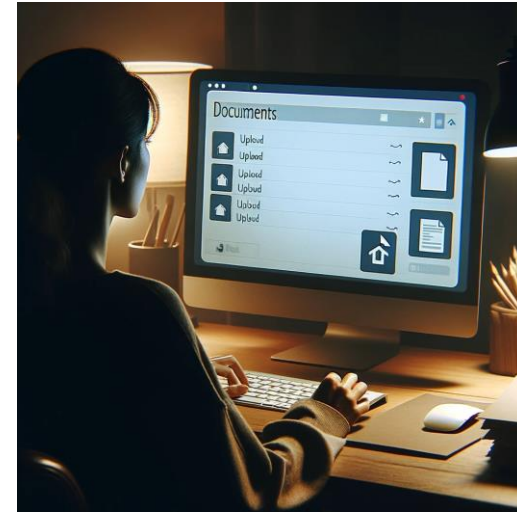
- The procedural requirements each Member States have defined for each procedure
- The full list of procedural requirements so they can determine if they issue relevant evidences
- The list of evidence providers that are ready to exchange evidence

Available at this link:

<https://oots.pages.code.europa.eu/evidence-explorer/ee-app/#/procedures>

The OOTS as a platform

3 decades of effort to leverage technology have resulted in moving from paperwork to digital paperwork



- Citizens and businesses are forced to search for their data, download documents from a government website in one Member State and upload them to a website in another, repeatedly...
- Citizens and businesses are left to work out for themselves which is the equivalent document in other Member States, where to get them, and how to handle the case when the documents is issued in a different language to the one requested

As authorities digitise procedures, they face new challenges to access and verify authentic data.



Authorities need to **verify the identity** of individuals and businesses who perform online procedures to be sure that they are who say they are



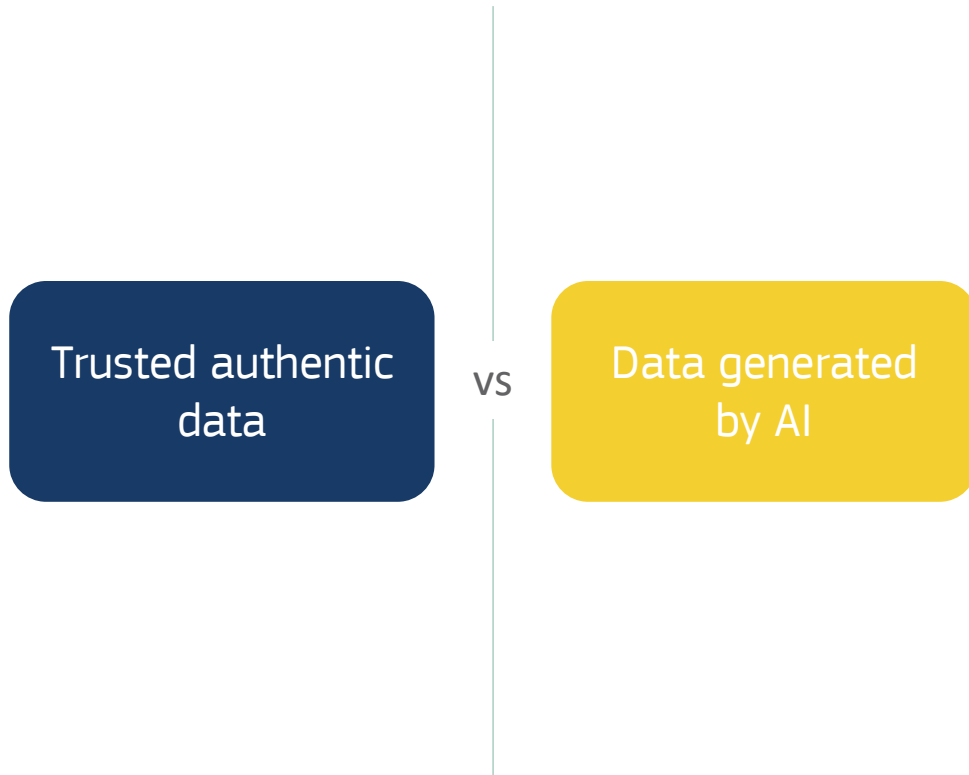
Authorities need to be **certain that the documents they receive from citizens and businesses are authentic**



Generative AI poses a new threat as it can be used to generate realistic looking fake identities and documents

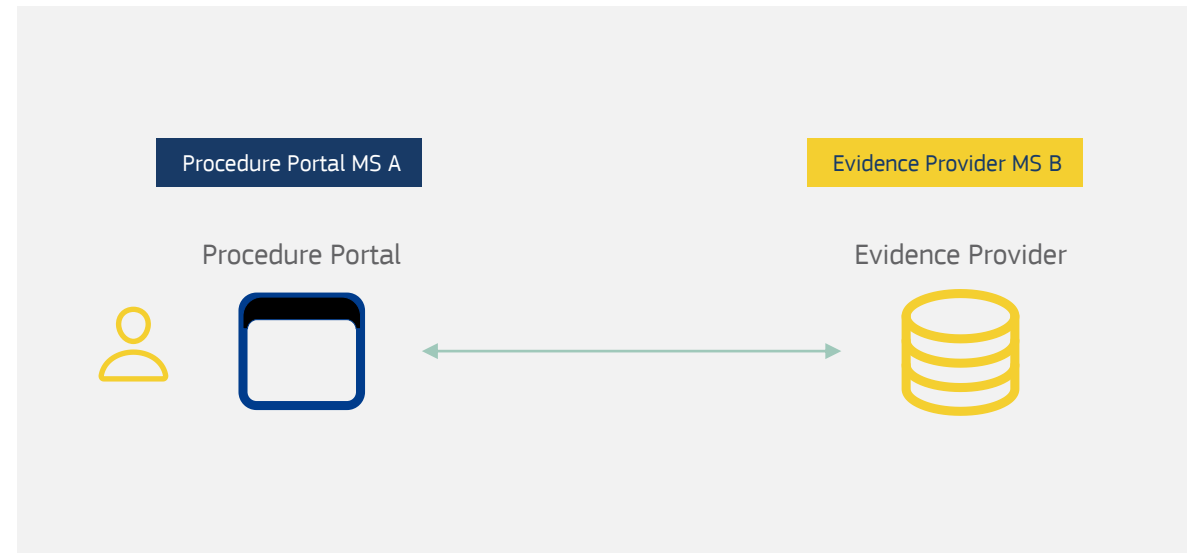
The economy and society rely on authentic data, that can only be issued by trusted authorities.

- In a sea of ever expanding human, machine and AI generated data, authentic data remains essential for our societies.
- Authentic data created by government authorities based on real life events of citizen and businesses.



Once-Only provides authorities with easy and secure access to authentic, trusted data across borders.

Once-Only is a platform that enables government authorities to retrieve the data they need to deliver citizen- or business-centric public services directly from the source, eliminating the need to trust an intermediary or the businesses and citizens themselves.



The OOTS provides a platform to advance the promise of an efficient single market.



It eliminates the time, money and complexity for citizens and businesses who will no longer need to endure being the go-between authorities in different Member States.



Proves the opportunity to streamline procedures and lower the administrative burden on citizens and businesses from both inside and outside the EU increasing our competitiveness.






















Drives the move from documents to standardised structured datasets allowing for automatic translation and automated processing and validations of procedures, reducing costs and increasing the user experience.

At the heart of the OOTS are the Common Services


















The Common Services contain a catalogue of citizen and business data and the authorities who issue it.

Authorities, at the request of the citizen or business, can retrieve the data directly from the authentic source knowing its always up-to-date and always reliable.

Evidence types 164

Name ↕	Country ↕
Proof of Nationality	 Greece
Diploma Supplement	 Greece
Bachelor Degree	 Greece
Certificate of military status	 Greece
Disability Certification	 Greece
Registered partnership certificate	 Greece
MSc Degree	 Greece
Birth Certificate	 Greece
Birth certificate	 Lithuania
Geboortecertificaat / Certificat de naissance	 Belgium
geboorte aangifte	 Netherlands (the)
CEIDG certificate	 Poland
Prueba de nacimiento	 Spain
Diploma de Licenciatura	 Portugal
Geburtsurkunde	 Germany
Meldebestätigung Online	 Austria
Teilregisterauszug Tod	 Austria
Teilregisterauszug Ehe/eingetragene Partnerschaft	 Austria
Teilregisterauszug Geburt	 Austria

Evidence providers 63

Name ↕	Country ↕
Ministry of Education, Religious Affairs and Sports	 Greece
National Social Security Organisation (e-EFKA)	 Greece
Ministry of National Defence	 Greece
State Enterprise Regitra	 Lithuania
National Agency for Education	 Lithuania
State Enterprise Centre of Registers	 Lithuania
Instituto Nacional de Estadística	 Spain
Ministry of Economic Development and Technology	 Poland
Ministerio de Justicia	 Spain
Ministère de l'Enseignement Supérieur, de la Recherche et de l'Innovation (MESRI)	 France
Visokošolski zavod	 Slovenia
Lycées du Luxembourg	 Luxembourg
Ceļu satiksmes drošības direkcija/ The Road Traffic Safety Directorate	 Latvia
Ministero dell'Università e della Ricerca	 Italy
Universitätsdatenverbund (technical adjustments necessary)	 Austria
Communes du Luxembourg	 Luxembourg
Strokovna srednja šola	 Slovenia

The OOTS provides a platform that other initiatives can reuse.

1. Once-Only can serve any type of citizen- or business-related administrative procedure.
2. New projects, like EUDI, can reuse the OOTS platform so they can deploy their solution faster.
3. Other policy initiatives, can reuse the OOTS platform and concept to discover and reuse authentic sources of data, avoiding the need to add more reporting burden on businesses and other authorities.
4. The OOTS platform could also be used to support the exchange of data between businesses.

Thank you