



The mGov4EU project has received funding from the European Union's Horizon 2020 research and innovation programme under grant agreement no. 959072.



Internet Voting as Part of Mobile Cross-Border Government Services for Europe (mGov4EU)

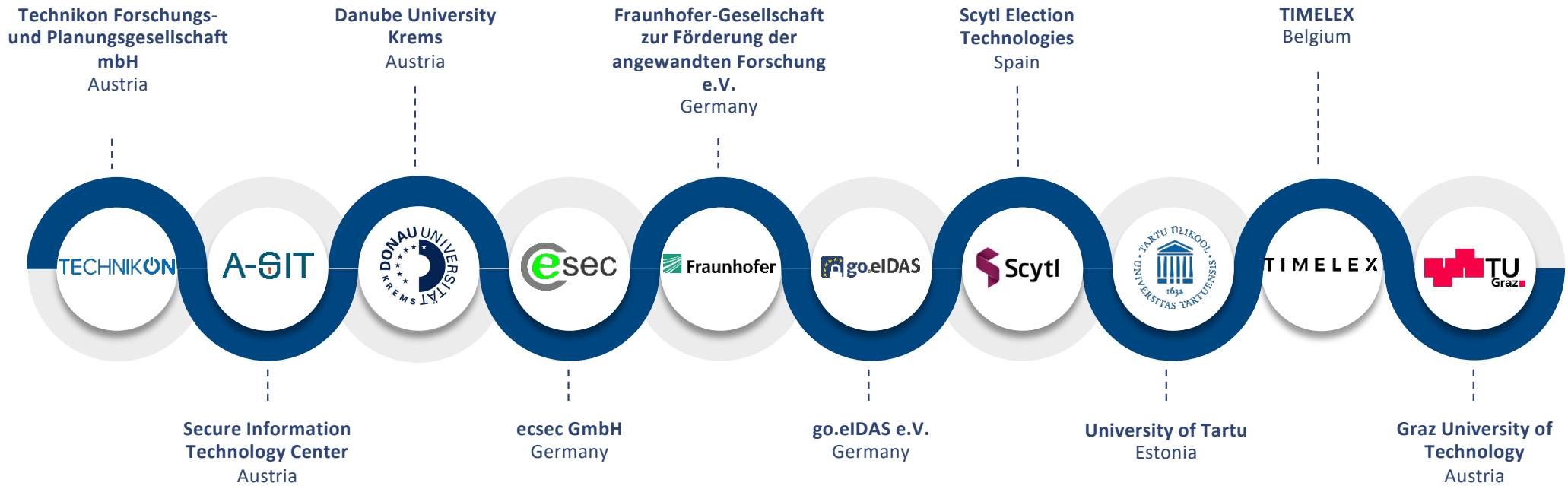
E-Vote-ID, 06.10.2021

Robert Krimmer, Carsten Schmidt



The “**Mobile Cross-Border Government Services for Europe**” (**mGov4EU**) project pushes forward the practical use of inclusive mobile Government services in Europe, bringing such services in line with EU citizens’ expectations for safe, resilient and sustainable mobile communication. Innovating electronic identity management, storage of data and the exchange of electronic documents are key elements.

Partners

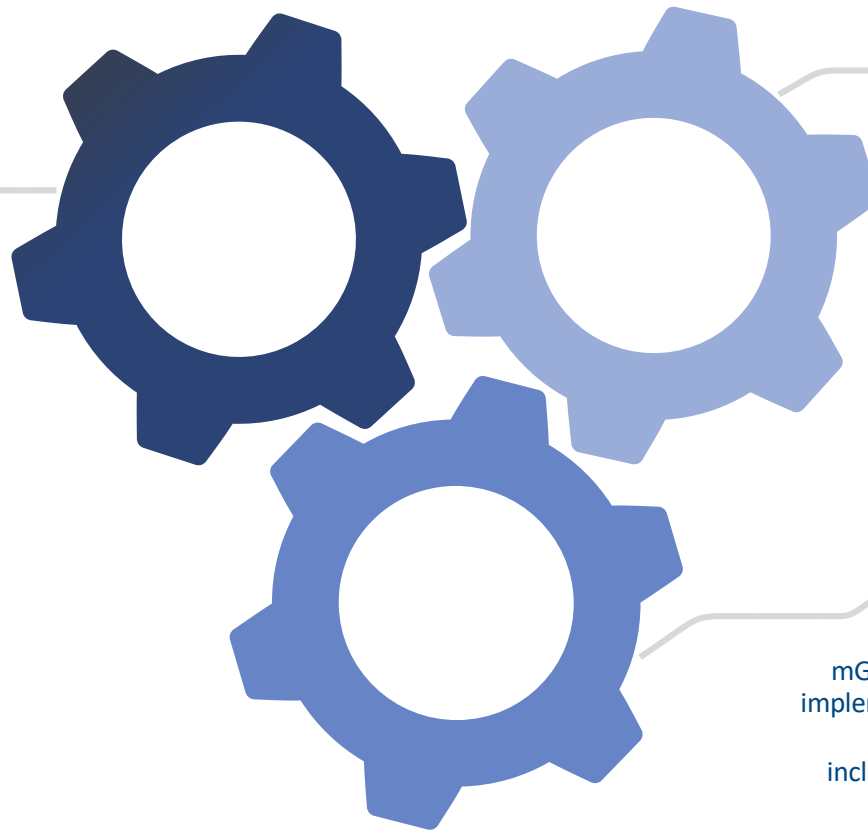


Context

SDG

eIDAS

mGov4EU mobilises the existing eIDAS interoperability infrastructure (“eIDAS Layer”) **and introduces user-friendly mobile authentication** with Single Sign-On (SSO) and privacy-preserving identity and consent management for cross-border eGovernment processes and services.



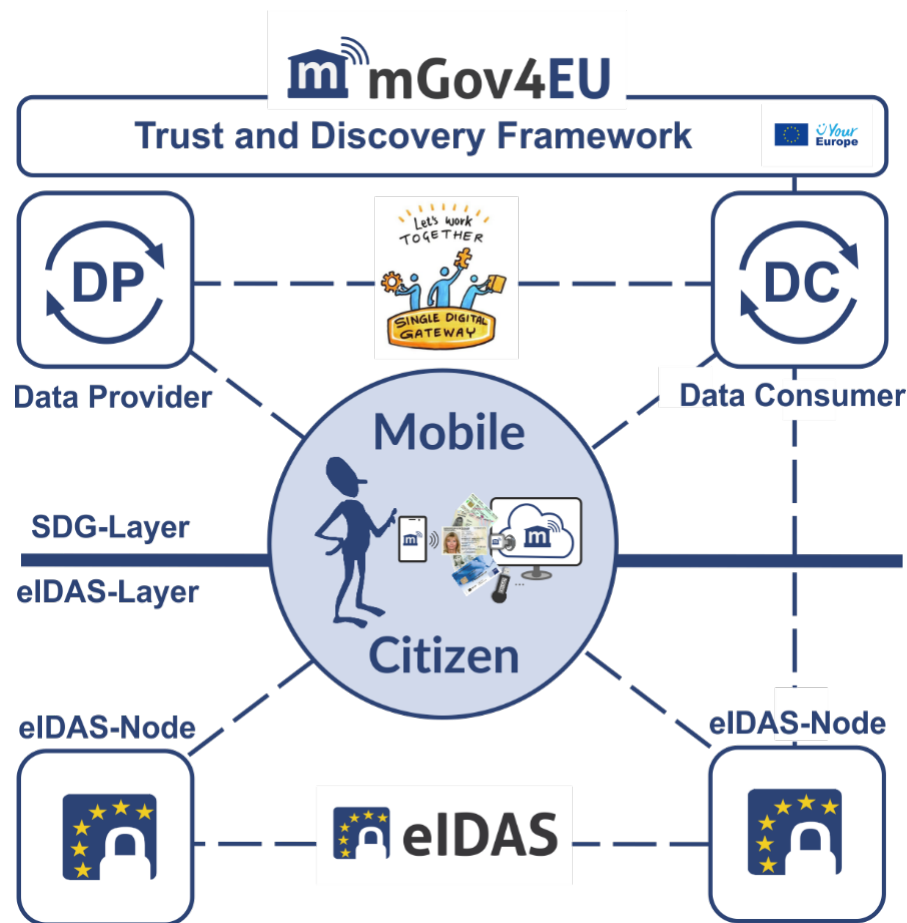
mGov4EU leverages the emerging “**Single Digital Gateway Layer**” in order to create a **trustworthy federation of collaborative platforms**, which facilitates the co-delivery, reuse, and trustworthy provision of accessible and easy to use public and private services, which implement the once-only and digital-by-default principle across Europe.

PILOTS

During the three-year project period, several mGov4EU pilot applications will be designed and implemented to validate the solution, modules and infrastructure services. The pilot applications include **internet voting**, **smart mobility** based on subsidized taxi rides, and **mobile signature**.

Abstract

The mGov4EU project follows a Citizen-centric approach to provide a bridge between eIDAS and the Single Digital Gateway in order to enable Mobile Cross-Border Government Services for Europe.



Pilots

INTERNET VOTING

One of the most critical environments from the point of view of security and privacy in “the Digital Era” are electoral processes. An important point is to ensure the authenticity of the voters and their eligibility in the election process.



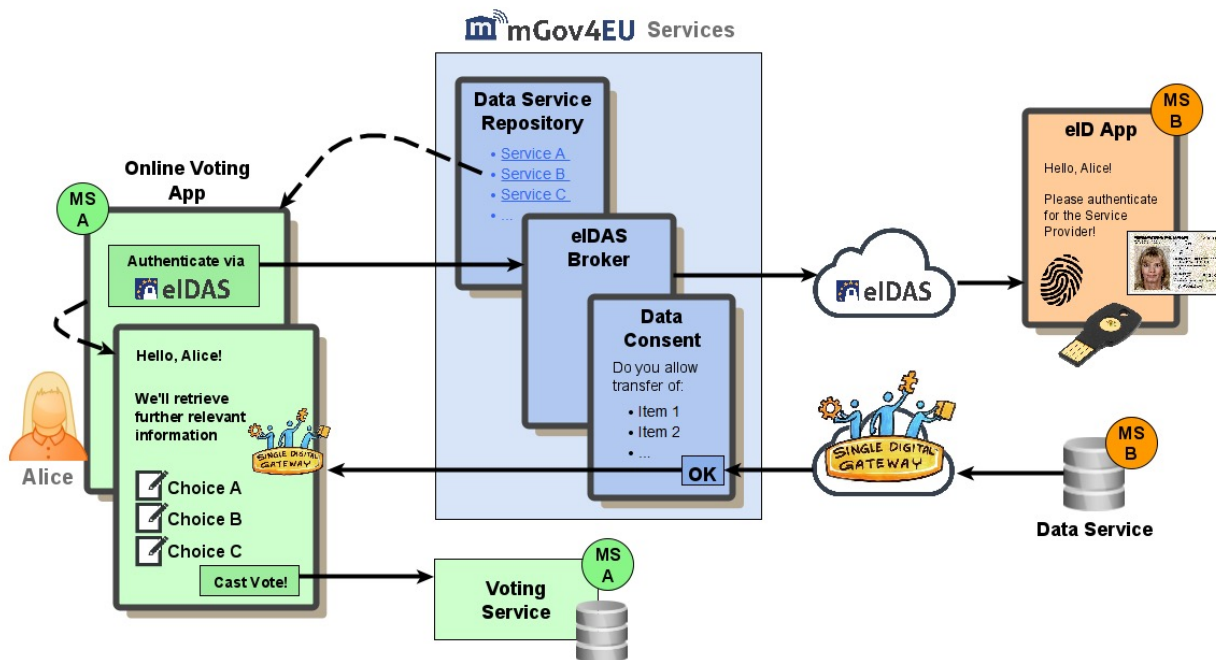
SMART MOBILITY

This pilot demonstrates the applicability of the mGov4EU infrastructure for innovative state-subsidised mobility services, which require a trustworthy identification and further evidence (e.g. proof of residency) within the enrolment phase.

MOBILE SIGNATURE

This pilot will support both the user-controlled provisioning of documents which are to be signed and the creation of signatures within pre-defined work flows and business processes. Special attention will be paid to the seamless integration of the eID App, the Signature App and the underlying signature, identification, and certificate management services.

Internet Voting



This pilot consists of integrating the eIDAS authentication in the online voting system (including a Single Sign-On approach), thus voters from different countries and with different eIDAS compliant authentication tokens, can authenticate seamlessly in the system. In addition, you get voter personal data relevant to statistics by means of the SDG-Layer.

Key Facts



- **mGov4EU:** Mobile Cross Border Government Services for Europe
- **Horizon 2020:** H2020-SC6-GOVERNANCE-2020, Grant Agreement 959072
- **Coordinator:** Technikon Forschungs- und Planungsgesellschaft
- **Duration:** January 2021 – December 2023
- **Number of Partners:** 10
- **Budget:** € 3 983 285
- **Website:** <https://mGov4.EU>



mGov4EU Grant Agreement No. 959072

The **mGov4EU** project has received funding from the European Union's Horizon 2020 research and innovation programme under grant agreement No. **959072**.

The information in this document is provided “as is”, and no guarantee or warranty is given that the information is fit for any particular purpose. The content of this document reflects only the author's view – the European Commission is not responsible for any use that may be made of the information it contains. All information, advice or other data are provided to the best of our knowledge and without any liability.

