mGov4EU

mGov4EU Project

Mobile Cross-Border Government Services for Europe

mGov4EU enables cross-border services for mobile devices based on the Single Digital Gateway Regulation (SDGR) and the eIDAS Regulation. Its main goal is to research, design, implement and evaluate an open ecosystem for secure mobile government services to be used across Europe and beyond. By taking advantage of security features of modern smartphones like hardware-backed secure elements or biometric sensors, mGov4EU aims at meeting the security needs and data protection expectations one has for public services accessed through mobile devices.

mGov4EU puts the requirements of self-sovereign and mobile citizens at the center of the considerations and offers them new, secure, fast, and privacy-protecting options for managing their identity and personal data – regardless of whether they or the eGovernment service are located in the home country or another Member State.

KEY FACTS

Building on the **Single Digital Gateway Regulation (SDGR),** mGov4EU provides new ways of cross-border service provision that are correlated and interlinked with **eIDAS Regulation** on cross-border identification and authentication.
mGov4EU leverages SDGR and eIDAS, both together for the first time, to enable Mobile Cross-Border Government Services for Europe.

mGov4EU – Mobile Cross Border Government Services for Europe

H2020-SC6-GOVERNANCE-2020, Grant Agreement 959072

Duration

January 2021 – December 2023

Consortium

10 Partners from 5 countries

Budget

€ 3.9 Million – EU-funded

PARTNERS

COORDINATOR: TECHNIKON

Technikon Forschungs- und Planungsgesellschaft mbH

A-SIT

Secure Information Technology Center

DONAU UNIVERSITÄT KREMS

Danube University Krems

esec

ecsec GmbH

Fraunhofer

Fraunhofer-Gesellschaft zur Förderung der angewandten Forschung e.V.

go.eIDAS

go.eIDAS Association

University of Tartu

TIMELEX

TIMELEX

TU Graz

Graz University of Technology

Scytl

**Scytl Election Technologies**

OVERVIEW

eIDAS

mGov4EU mobilises the existing eIDAS interoperability infrastructure ("eIDAS Layer") <u>and introduces user-friendly mobile authentication</u> with Single Sign-On and privacy-preserving identity and consent management for cross-border eGovernment processes.

SDG

mGov4EU <u>leverages the emerging "Single Digital Gateway Layer"</u> to create a <u>trustworthy federation of collaborative platforms</u>, 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.
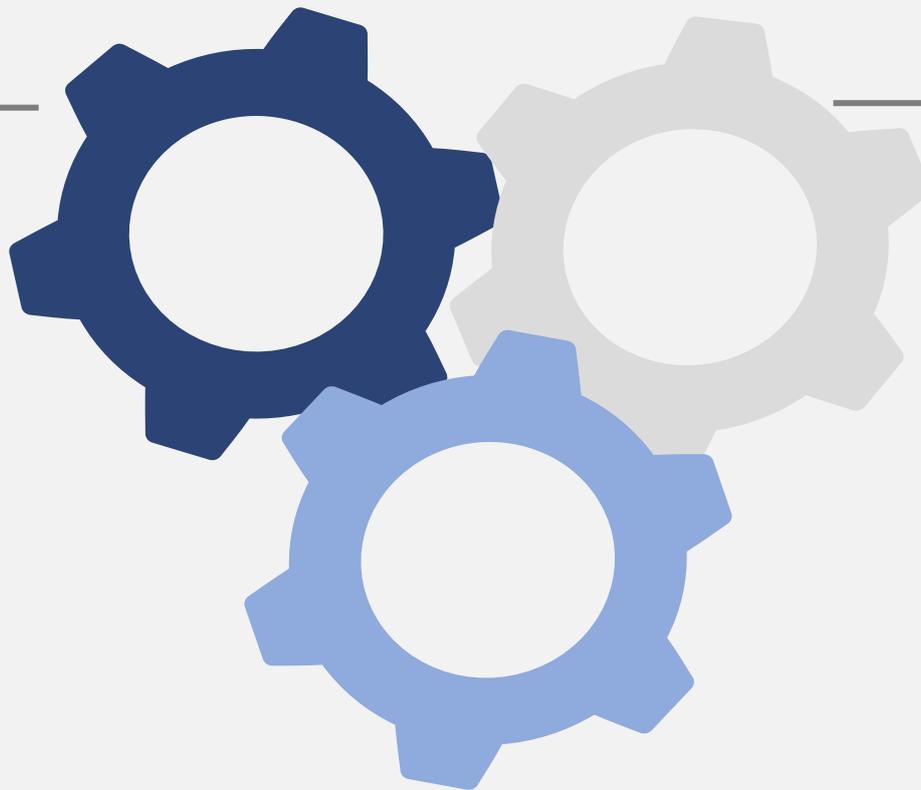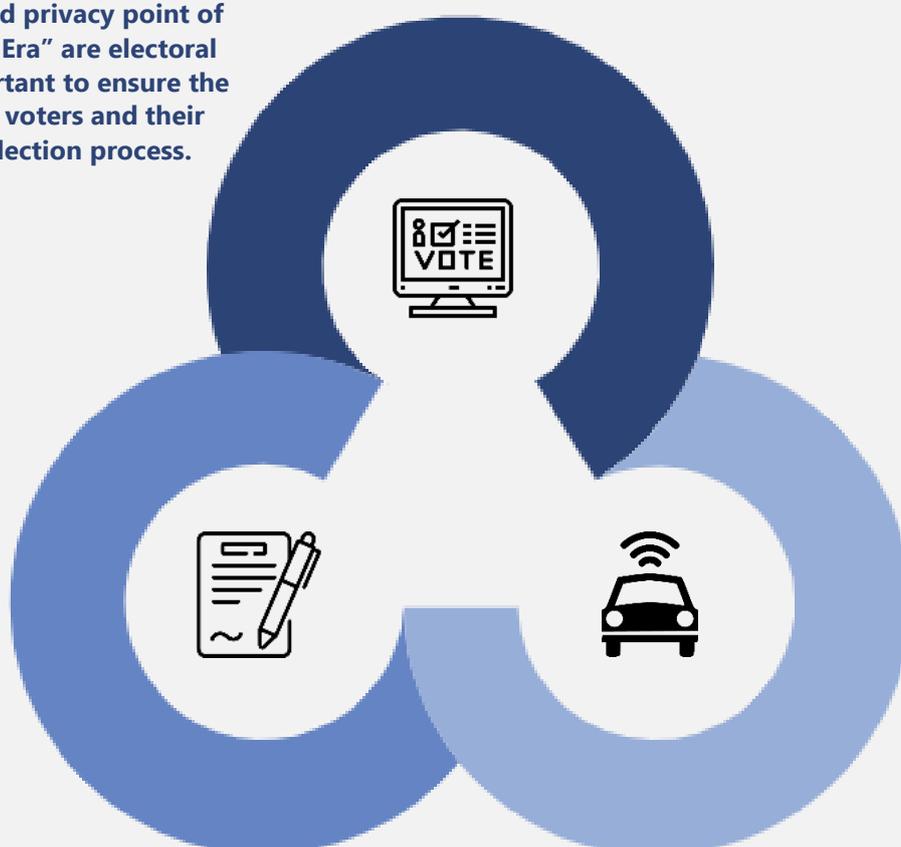
PILOTS

Multiple mGov4EU pilots implement and validate the enhanced infrastructure services for <u>Internet Voting, Smart Mobility, and Mobile Signature.</u>

PILOTS

INTERNET VOTING

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

MOBILE SIGNATURE

This pilot will demonstrate the applicability of the mGov4EU components for generating electronic signatures in a mobile environment. Special attention will be paid to the seamless integration of the eID App, the Signature App and the underlying signature and identification, services.

SMART MOBILITY

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

OBJECTIVES

Enhancing the technical eIDAS interoperability solution and SDG infrastructure to make them compatible with mobile-only use cases

Implementing enhanced eIDAS and SDG related architectures, concepts and building blocks

Combining enhanced eIDAS and SDG related solutions to enable secure and user-friendly mobile use cases

Integrating implemented solutions into pilots and testing them in real-world scenarios

Evaluating relevant perspectives of designed, implemented, and operated architectures, concepts, building blocks, and pilots

Implementing the once-only, digital-by-default, and mobile-first principles in a user-centric manner

Implementing the appropriate legal framework

Evaluation and involvement of relevant stakeholders

Ensuring the sustainability of project results and achievements

For more information about mGov4EU:

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