



DS-06-2017: Cybersecurity PPP: Cryptography

PRIVILEGE

Privacy-Enhancing Cryptography in Distributed Ledgers

D5.2 – Communication and Dissemination Toolkit

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Revision 1.0

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Dissemination Level		
PU = Public, fully open		X
CO = Confidential, restricted under conditions set out in the Grant Agreement		
CI = Classified, information as referred to in Commission Decision 2001/844/EC		

D5.2

Communication and Dissemination Toolkit

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1 Introduction

1.1 Purpose of the Document

The present document 5.2 “Communication and Dissemination Toolkit” aims to give an overview of the communication tools designed for the project and explains the usage of various elements.

2 Project Logo and Online Visual identity

2.1 Project Logo

A visual identity of PRIViLEDGE was created at the beginning of the project. The PRIViLEDGE logo expresses security and privacy by having the letter “i” shaped like a padlock. This visual identity will be used in all the dissemination outputs, such as the project website, social media accounts, project videos and leaflets, etc. The logo is supported by the key messages which are provided in the deliverable D5.1 “Initial Communication and Dissemination Plan”.



Figure 1: The PRIViLEDGE logo

2.2 Project Website

The official project website is www.priviledge-project.eu. The website is currently divided into five sections:

- 1) The “About” page with a general description of the project, objectives and work packages, technology introduction, project use cases and the introduction of the coordinator.
- 2) The second section “Consortium” gives an overview of the partners involved and their roles in the project, also introducing the Advisory Board.
- 3) The third section consists of project deliverables and publications which have been produced.
- 4) News and news archives are included under the “News” section.
- 5) The final section “Contact” consists of the Coordinator’s contacts. The website is also linked to Twitter.

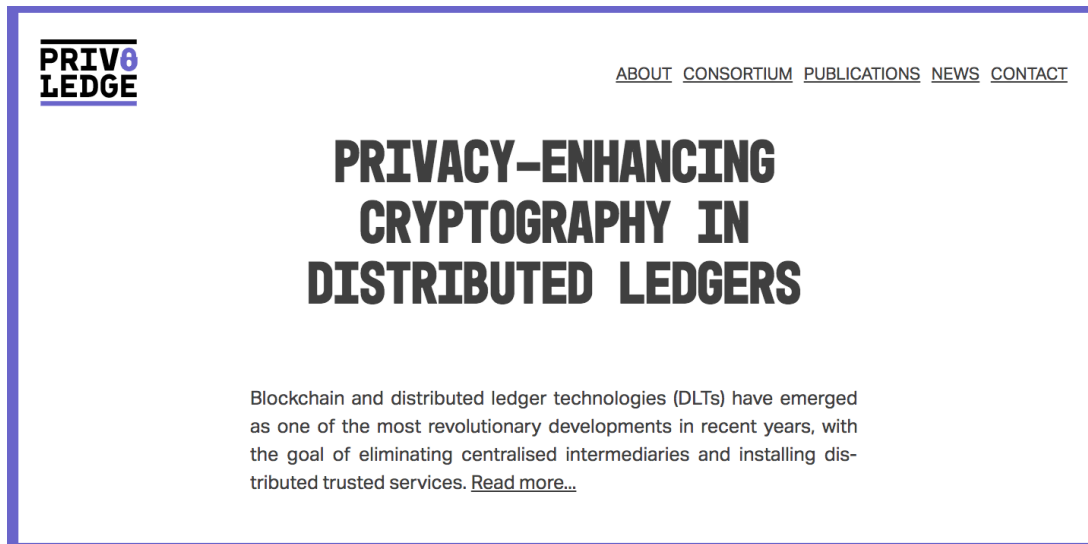


Figure 2: PRIViLEDGE website's main page

3 Project Marketing Material

3.1 Project Leaflet and Poster

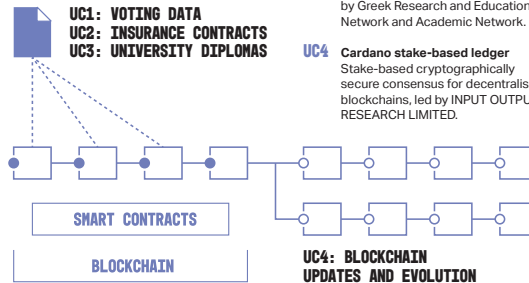
The project leaflet and poster provide a compact overview of the project. These have been designed in the initial stages of the project and as the project progresses then updated version of both, the poster and the leaflet will be created. The leaflet and the poster will be distributed in relevant workshops and events.



**PRIVACY
ENHANCING
CRYPTOGRAPHY
IN DISTRIBUTED
LEDGERS**

PRIVILEGE addresses four concrete applications of cryptographic schemes and protocols for privacy and security, on blockchains and distributed ledgers:

- UC1** Verifiable online voting with ledgers
Verifiable online voting with a secret ballot in Estonia, led by Smartmatic-Cybernetica Centre of Excellence for Internet Voting OÜ.
- UC2** Distributed ledger for insurance
Private transactions for DLT solutions in the insurance industry, led by Guardtime.
- UC3** University diploma record ledger
Authenticated blockchain record for Greek university diplomas, developed by Greek Research and Education Network and Academic Network.
- UC4** Cardano stake-based ledger
Stake-based cryptographically secure consensus for decentralised blockchains, led by INPUT OUTPUT RESEARCH LIMITED.



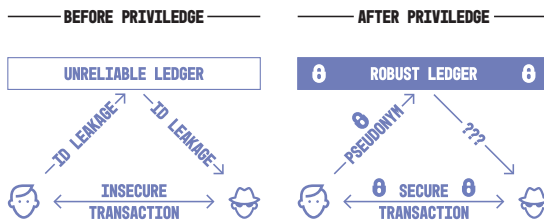
Use cases 1–3 use the immutability of DLT for storing data. Use case 4 enhances DLT with mechanisms for consistent updates.

The PRIVILEGE project aims to develop cryptographic protocols supporting privacy, anonymity, and efficient decentralised consensus for distributed ledger technologies/blockchains. In PRIVILEGE, several European key players in cryptographic research and from the fintech and blockchain domains unite to push the limits of cryptographic protocols for privacy and security. To show concrete examples of the validity of the developed technology four ledger-based use cases have been chosen.

The selected use cases are diverse and represent the principal application domains of DLT; this ensures wide reach and impact of the techniques developed in PRIVILEGE beyond the immediate scope of the project.

PROJECT CONSORTIUM

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PRIVILEGE enhances DLT by improving user anonymity, ledger robustness, and data privacy for the transactions stored on the ledger.

CONTACTS

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This project has received funding from the European Union's Horizon 2020 research and innovation programme under grant agreement No 780477.

Figure 3: PRIViLEDGE project poster

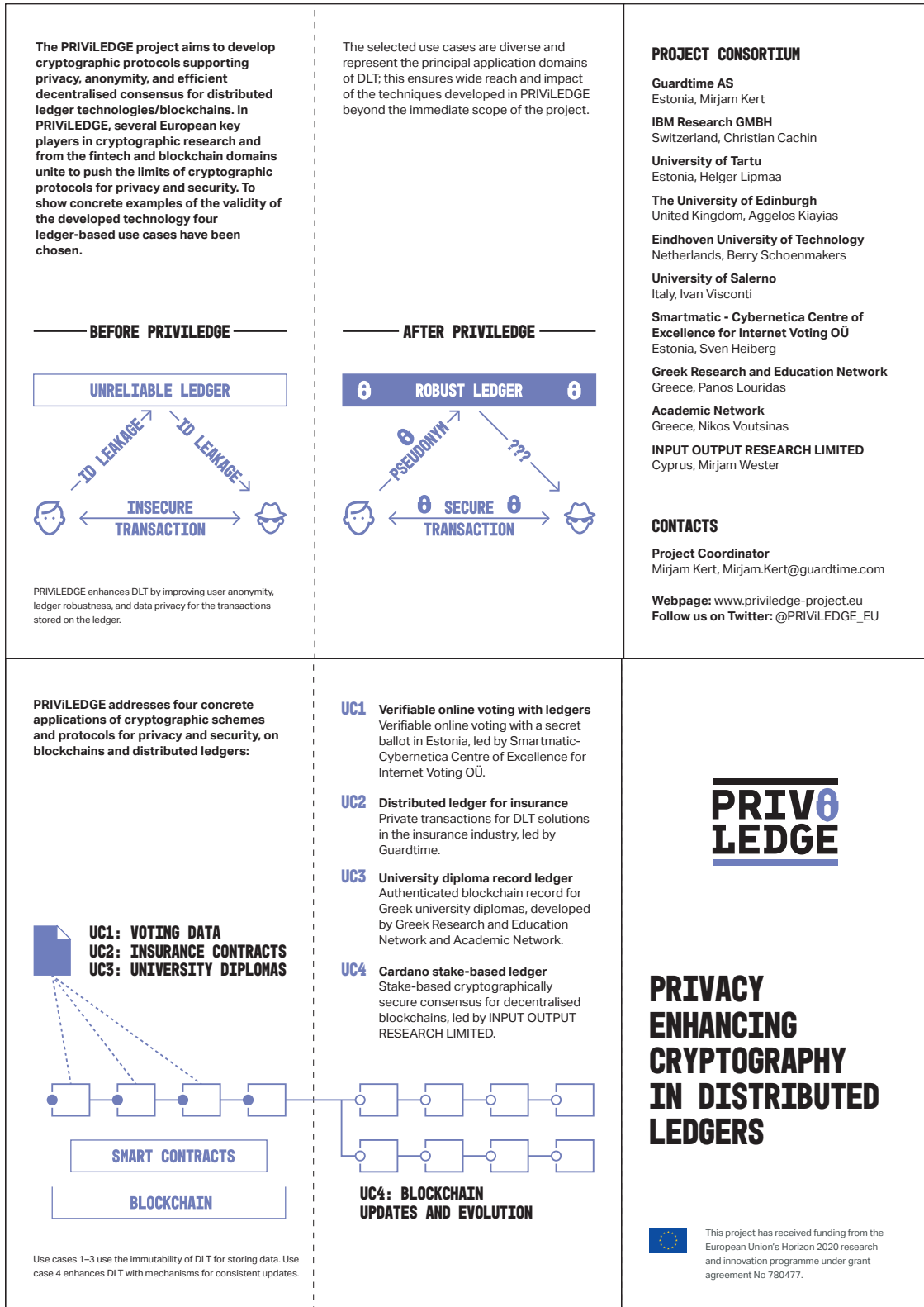


Figure 4: PRIViLEDGE project leaflet