



**Innovationsverbund
Öffentliche Gesundheit**



EUdl - Wallet Infrastructures

Creation Values in the EUdl Ecosystem

26.08.2024 - Konsultationsprozess - EGOM Arbeitsgruppe

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Agenda

- Digital Identities, but for whom?
- Classification of use-cases
 - For people
 - For entities
- Creating Value, for whom, and how?

Digital Identities, but for whom?

- People
i.e. people staying in the EU
- Entities
Legal entities, starting with the german Verein up to corporations.

Classification use-cases: people

- 1. Tell me who you are!
- 2. Login by EUdi-Wallet
- 3. QES - Signing stuff
- 4. QEAA - Stuff other people say about me!
- 5. Citizen - App

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 - Beneficiary: Entity fulfills compliance

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 - Technology: Password Manager (with a bit of UX love)

Classification use-cases: people

- 2. Login by EUdi-Wallet
 - Legal: Art. 5 eIDAS - the use of pseudonyms that are chosen by the user shall not be prohibited
 - Technology: Password Manager
 - Beneficiary:
 - People have a SSO
 - National Security - i.e. Databroker files

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 - Legal: eIDAS
 - Technology: nPA - later eSIM, secure elements
 - Beneficiary:
 - People can sign stuff - golden feature in Austria
 - Digital signatures as a commodity
 - Signatures with implementation linked to required trust, see PSD2

Classification use-cases: people

- 4. QEAA - Stuff other people say about me!
 - Legal: eIDAS
 - Technology: Implementation of oblivious transfer
 - Beneficiary:
 - People can proof attested attributes for their pseudonyms,
E.g. drivers licence when renting a car on a company account
 - Do stuff online

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 - Technology:
 - Peoples App, e.g. Kulturpass App
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 - Beneficiary:
 - People can interact with government conveniently
 - Citizens are empowered to have their own piece of digital infrastructure

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 - + chat with administration - i.e. Matrix implementation, mTLRS allows for further messengers
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 - Infrastructure:
 - nPA
 - EUdi Wallet App

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 - Trust Anchor: “\$ Organisation Register” #loveGermanbeaocracy
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Classification use-cases: Entities

- We are special before the law!
 - Legal: eIDAS - including QWACS
 - Technology:
 - Issue credentials usable for oblivious transfer
 - Beneficiary:
 - The organisation conforms with compliance

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Bonus: No legal basis to use the Id-card for the job, but EUdl-Wallet

Creating Value, for whom, and how? People

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Creating Value, for whom, and how? People

- 1. Tell me who you are!

Beneficiary: Institution in compliance to legal obligation

Buisness modell: eID Server offering

Privacy Tech: Tor? Solving the privacy issue

Creating Value, for whom, and how? People

- 2. Login by EUdi-Wallet!

Beneficiary: SSO for ppl in the EU

Buisness modell: none

Privacy Tech: password managers

Creating Value, for whom, and how? People

- 3. QES - Signing stuff

Beneficiary: people can sign things

Buisness modell: none then golden feature

Privacy Tech: nPA

Creating Value, for whom, and how? People

- 4. QEAA - Stuff other people say about me!

Beneficiary: people can show attributes

Buisness modell: service provider to entities issuing QEAA's

Privacy Tech: Various oblivious transfer implementations

Creating Value, for whom, and how? People

- 5. Citizen - App

Beneficiary: Agreed path to eGouvernement

Buisness modell: Classical open procurment

Privacy Tech: Various, Corona Warning App

Creating Value, for whom, and how? Entities

- | | |
|--|---------------------|
| ▪ This is one of our people! | Organisation itself |
| ▪ This Devices belongs to us! | Organisation itself |
| ▪ We attest the following about a person | Organisation itself |
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- A public infrastructure for organisations
might allow to access B2x values

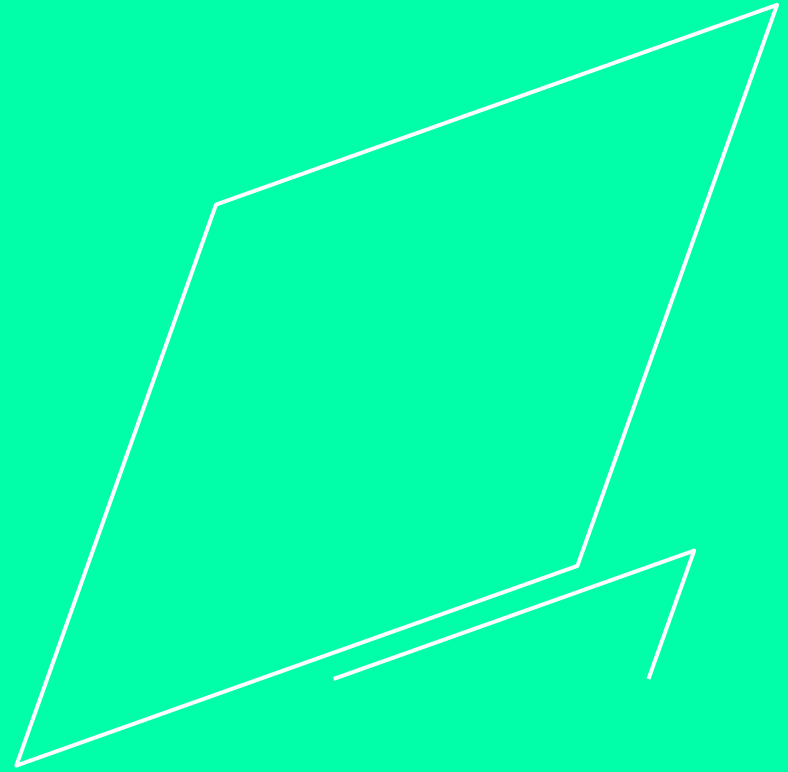
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thus it's hard to find a EUdl-Wallet business model for people
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might allow to access B2x values
- Make LoA high rare preserves Infosec and privacy
no scaling attacks on airgapped PID information in nPAs possible

Shameless self promotion - eGov contributions

- G0 lots now public:
https://gitlab.opencode.de/ga-lotse/ga-lotse-documentation/-/blob/main/solution-strategy/service-mesh/service-mesh.adoc?ref_type=heads
- There is a talk about it:
https://media.ccc.de/v/froscon2024-3145-neue_abenteuer_mit_open_source_in_der_verwaltungsdigitalisierung

Ich freue mich
auf die Diskussion.



Wtf ... is the InÖG? A child of the pandemic

- March 2020

Part of the #wirvsvirus Hackathon of the german government

#**WIRVSVIRUS**
DER HACKATHON DER BUNDESREGIERUNG



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- digitales Wartezimmer - DataDump for public health centers

#**WIRVSVIRUS**
DER HACKATHON DER BUNDESREGIERUNG



Digitales
Wartezimmer

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Part of the #wirvsvirus Hackathon of the german government

- digitales Wartezimmer - DataDump for public health centers
- LabHive - Resource sharing platform for lab equipment
- Coronika - a contact diary



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- März 2020
Part of the #wirvsvirus Hackathon of the german government
- September 2020
Innovationsverbund Öffentliche Gesundheit
#wivsvirus becomes #wirvsbleistift (us vs. pencils)



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- März 2020
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Start
Innovationsverbund Öffentliche Gesundheit
- März 2021 - IRIS connect
IRIS-connect, a civil society response to the luca app



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- März 2021 - IRIS connect
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- Oktober 2021 - Impftermin
When the vaccination looks for you!

#WIRVSVIRUS
DER HACKATHON DER BUNDESREGIERUNG



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IRIS
connect

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Björn Steiger Stiftung

WIR HELFEN LEBEN RETTEN



Wtf ... ist der InÖG? A child of the pandemic

- März 2020
Ursprung ist der #wirvsvirus Hackathon der Bundesregierung
- September 2020
Zusammenschluss
Innovationsverbund Öffentliche Gesundheit
- März 2021
IRIS-connect, die
Zivilgesellschaftliche Antwort auf die Luca-App
- Oktober 2021 - Impftermin
Dein Impftermin bucht dich!



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Öffentliche Gesundheit

IRIS
connect

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What does the InÖG do? NGO, Tech & Forschung

- NGO Founding - 24.02.2022

Was macht der InÖG? Vereinsmeierei, Tech & Forschung

- Vereinsgründung - 24.02.2022
- Gemeinnützigkeit - demnächst_TM
- Forschung mit der TU München
 - Bachelorarbeit
"Wie kann am Beispiel des ÖGDs das Konzept des Crowdsourcing in der öffentlichen Verwaltung etabliert werden?"
 - Masterarbeit
"Prozessanalyse der deutschen Gesundheitsämter"



Was macht der InÖG? Vereinsmeierei, Forschung & Tech

- Vereinsgründung - 24.02.2022
- Gemeinnützigkeit - demnächst_TM
- Forschung mit der TU München
- Signierte Container - Sommer 2023

sic

Wie arbeitet der InÖG?



Innovationsverbund
Öffentliche Gesundheit

Initiiert vom Innovationsverbund
Öffentliche Gesundheit (InÖG) e.V.

- Impuls aus der Zivilgesellschaft
- Menschen stellen ihre Fachexpertise zur Verfügung
- arbeitet ehrenamtlich als Verein mit ähnlichem Verständnis wie THW, Samariter, DRK oder Malteser



WIR HELFEN LEBEN RETTEN

Finanziert und gefördert
durch u.a. die Björn Steiger Stiftung für die Öffentliche Hand

- stellt Produktstruktur zur Verfügung, koordiniert Dienstleister für
- geregelten Verfahrensbetrieb und
- ist direkter Vertragspartner für die Öffentliche Hand



Kostenlos nutzbar

- Softwareprodukte sind Open Source und werden der Öffentlichen Hand unentgeltlich bereitgestellt
- Digitalisierung wird vorangetrieben

digitale Agilität



Struktur

