

# Self Sovereign Identity

NGI Forum | Helsinki | 25 September 2019

**TNO** innovation  
for life



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## TNO AND SELF-SOVEREIGN IDENTITY

› Projects, participations



CEF Digital  
Connecting Europe



Dr. M. Oskar van Deventer

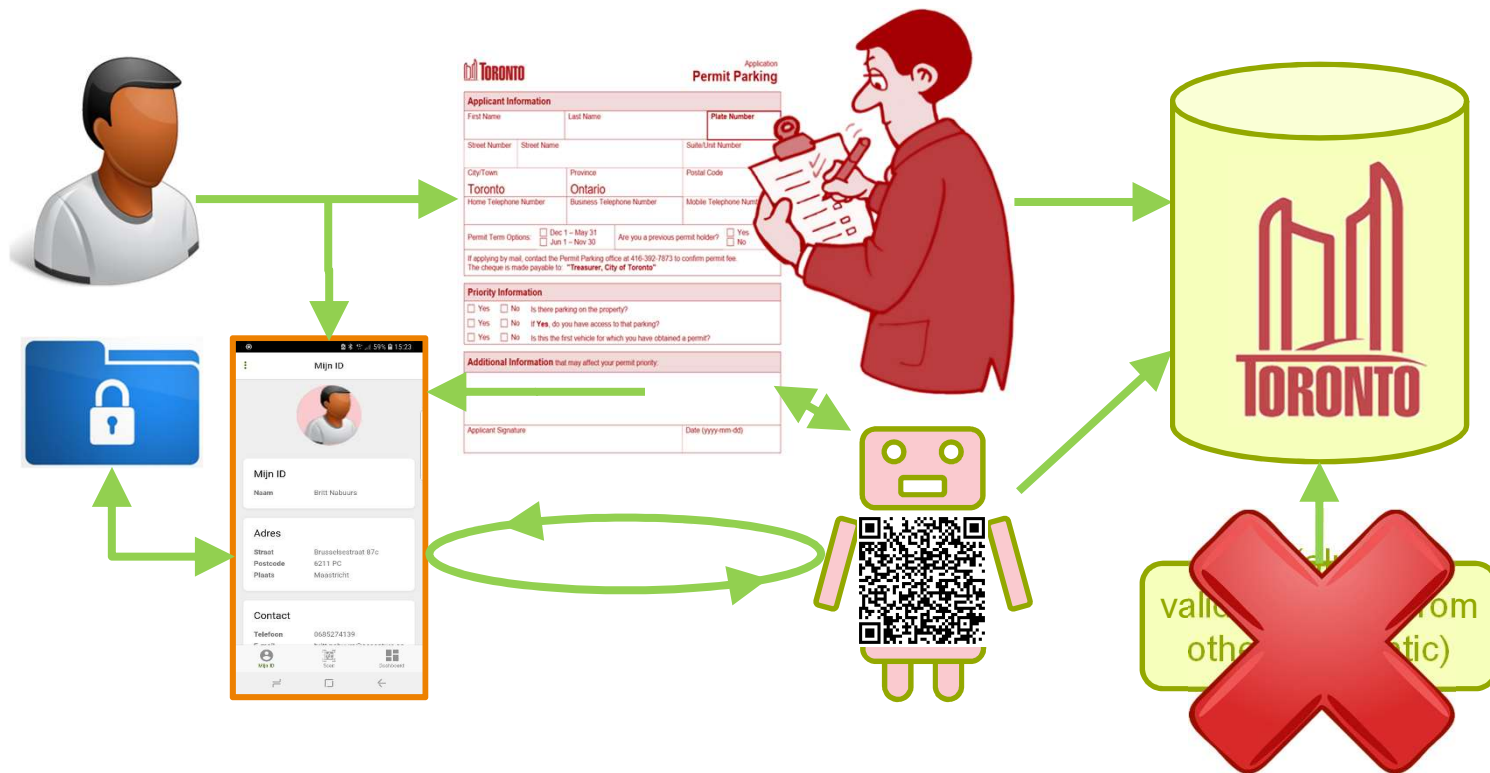
- › Scientific Lead of Techruption Blockchain PPP, admintech
- › Scientific coordinator of H2020 eSSIF-Lab
- › Director of TNO Blockchain Lab: <https://blockchain.tno.nl/laboratory/>
- › Economic Advisory Council of Sovrin, dominant identity blockchain

TNO (<https://www.tno.nl/en/>)

- › 2600 employee applied R&D institute, founded by law in 1932, strong in digital infrastructures, interoperable data and cyber security

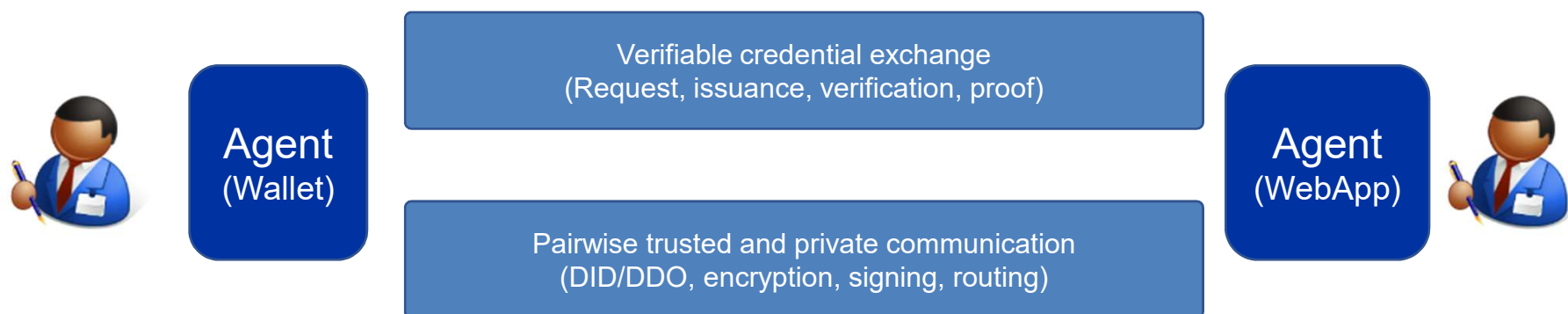


# SSI: FILLING IN FORMS THE NEW WAY

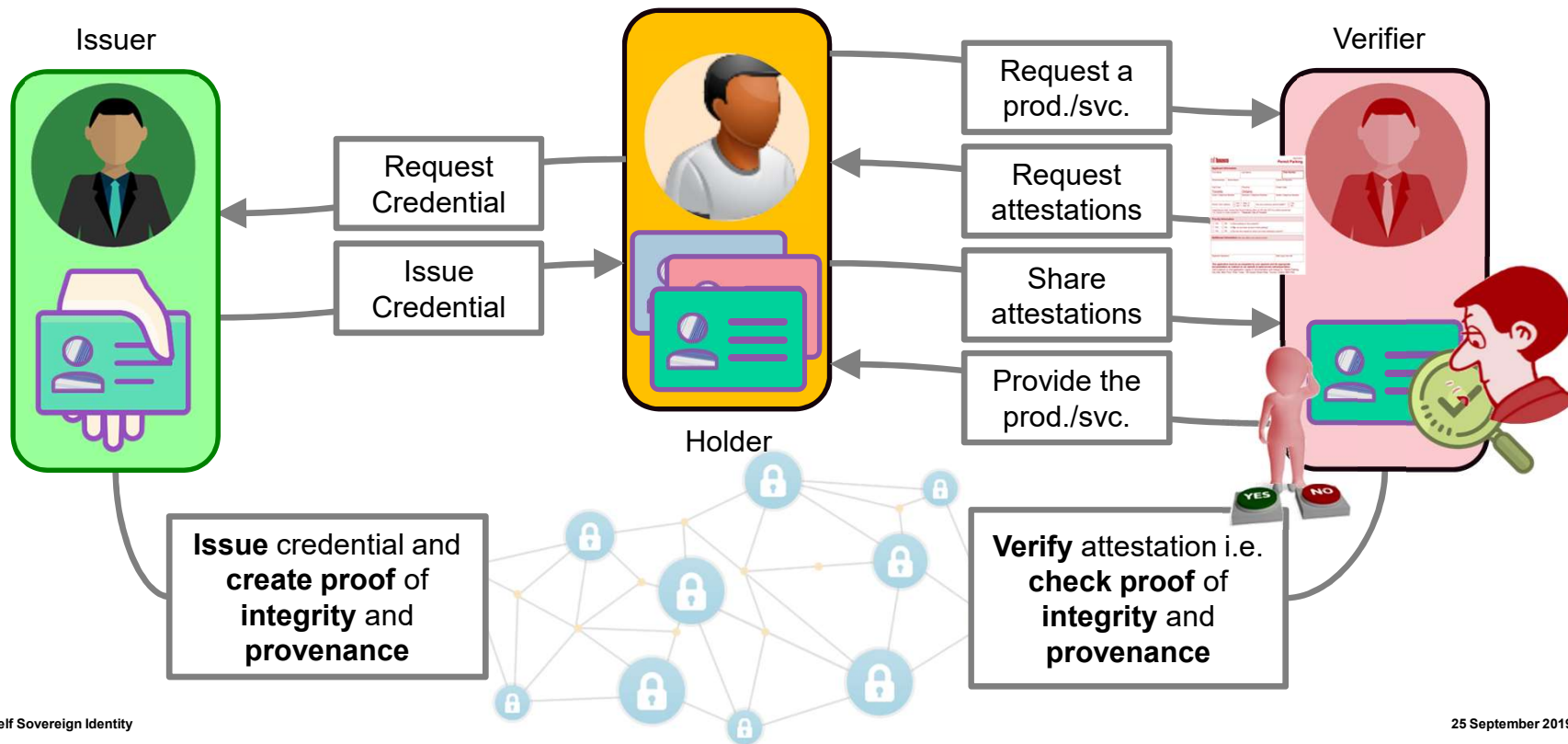


## SSI: KEY INGREDIENTS

- › Verifiable Credentials (VC):
  - › Huge savings and convenience from automated requesting and verifying data
- › Decentralized Identifier (DID):
  - › Public Key Infrastructure without need for central Certificate Authorities
- › Read more: <https://blockchain.tno.nl/blog/self-sovereign-identity-the-good-the-bad-and-the-ugly/>

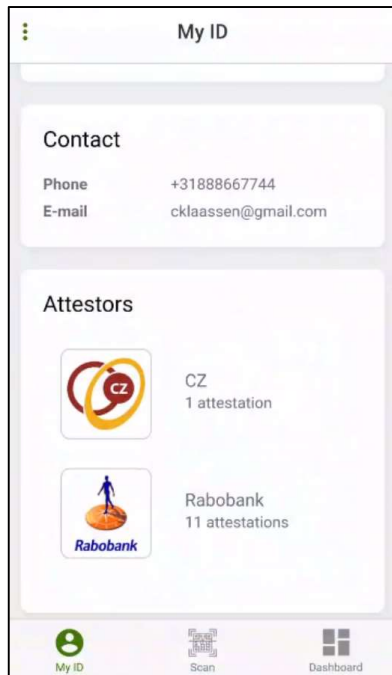


# SSI: ISSUER, HOLDER, VERIFIER



# ASK ME FOR A DEMO: MEDICINE PRESCRIPTION

› Patient gets recipe from doctor, goes to online pharmacy, pays from health insurance

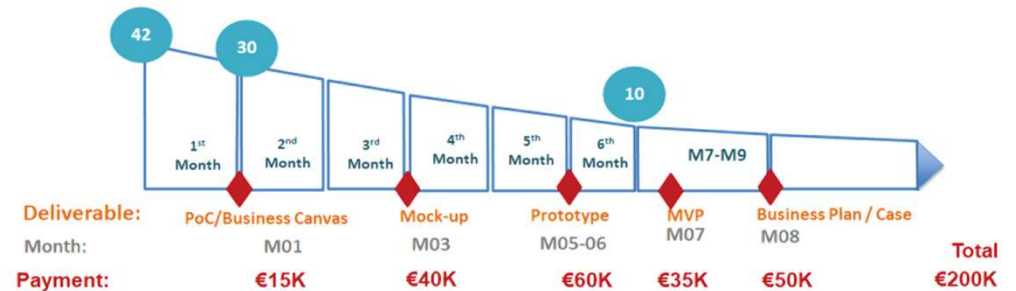


# APPLY FOR AN GRANT

## eSSIF-Lab



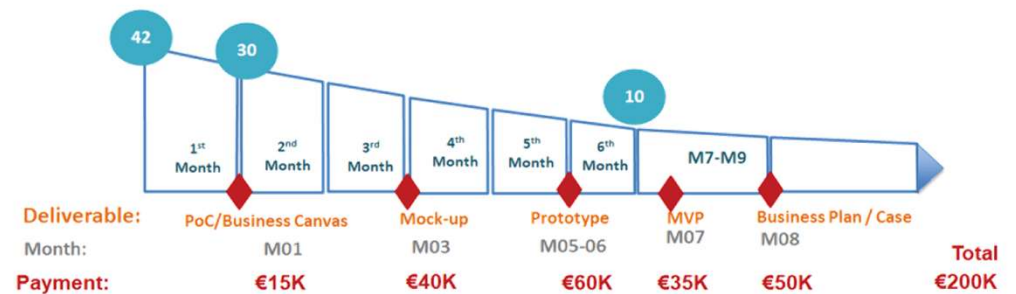
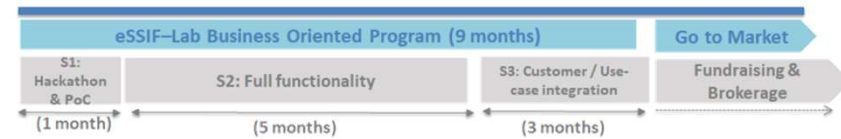
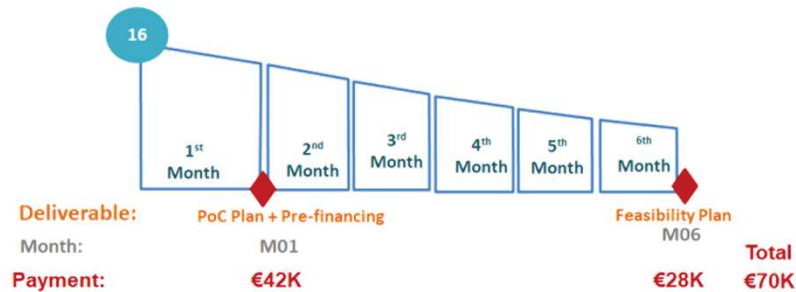
- › H2020 cascaded funding: grants for EU start-ups and SMEs for
  - › SSI infra/technology/component development
  - › commercial SSI application, business acceleration
- › **First open call early 2020**



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› **THANK YOU FOR YOUR  
ATTENTION**

Take a look:  
**TNO.NL/TNO-INSIGHTS**

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