

Public

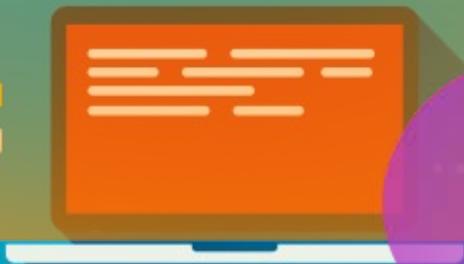


ECRF conference 2018

Identity management with for blockchain for with business registers

Joost Fleuren MSc MBA

6-6-2018, Gibraltar



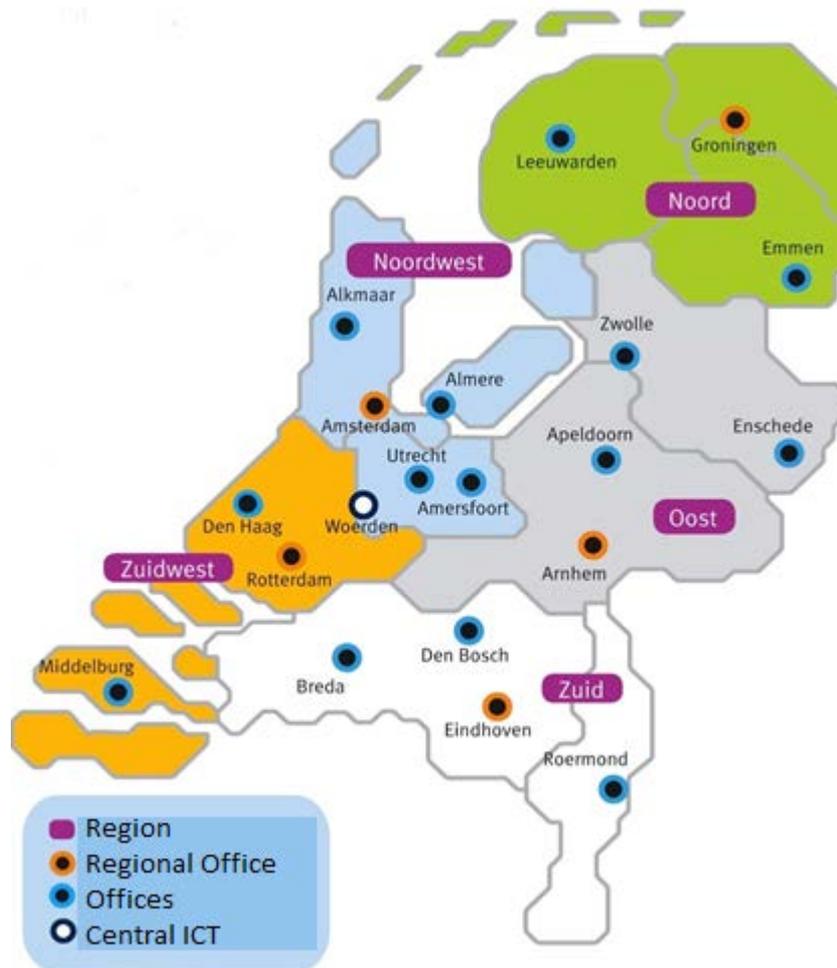
Chamber of Commerce, The Netherlands

KVK
WERKT VOOR ONDERNEMERS

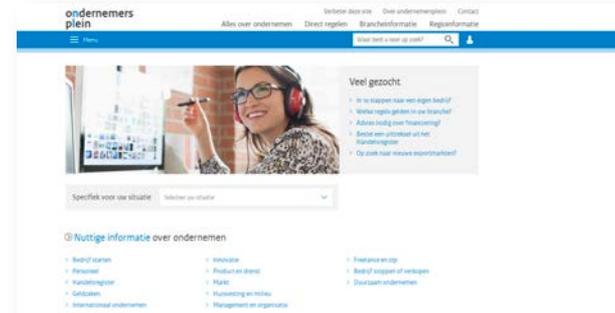
Agenda

1. KvK & the InnovationLab
2. Where we started with
3. What we learned
4. Mindset shift!
5. Who are we to serve: the ecosystem
6. Our work on identity and SSIF

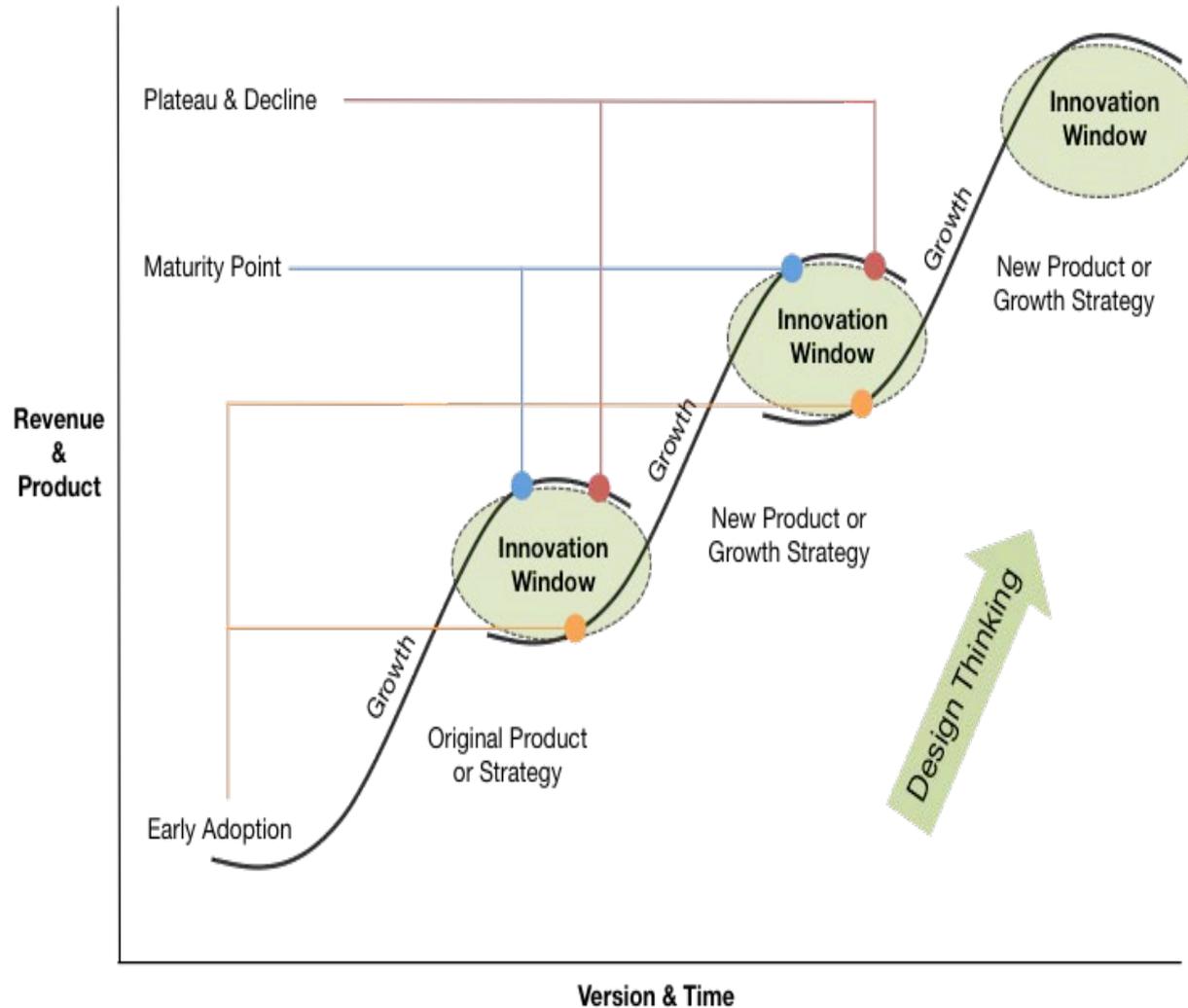
1. Chamber of Commerce Netherlands - locations



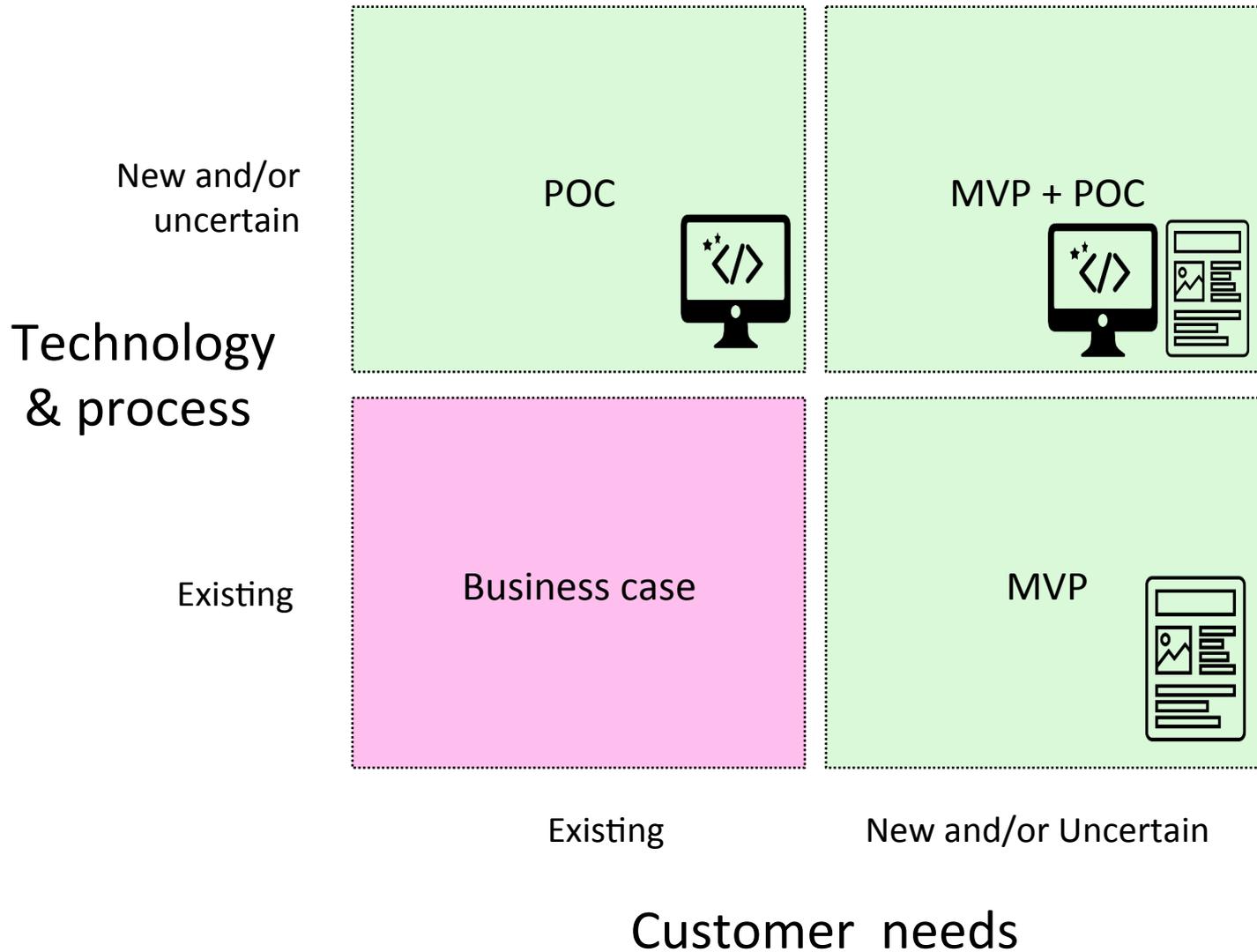
1. Chamber of Commerce Netherlands – shift to online



1. Chamber of Commerce Netherlands – InnovationLab



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1. Chamber of Commerce Netherlands – InnovationLab

Topics we focus on in detail and actively gather domain knowledge of:

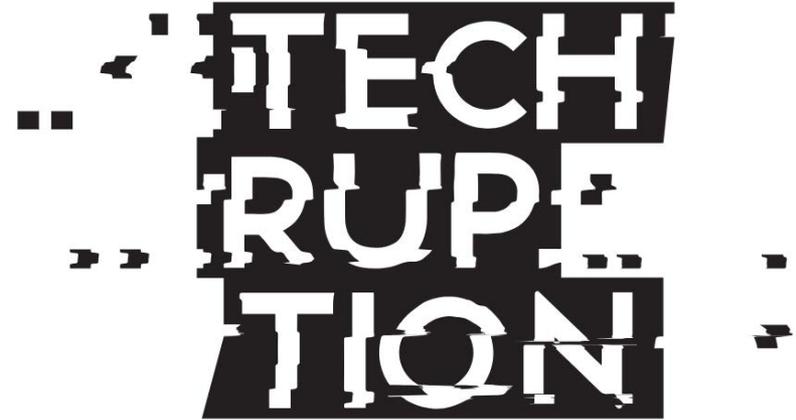
Identity

RDF/LinkedData

1. KvK Innovationlab & Blockchain

- Early-on interest.
- Participation in research programmes & consortia, also resulting in easily accessible book.
- **Hands-on: learning by doing**
- **Hands-on: learning by interaction**
- **Hands-on: testing by interaction**
- **Hands-on: fast to 'market' to test**

2. Where we started with, our road of discovery



3. KvK Innovationlab & Blockchain – what we learned

Demand for regulation.
Not that easy.

1. A clear **demand** for identity related services.
2. Research often about
 - i) Identity / SSIF
 - ii) Linking data

A lot of solutions looking for problems. Often involve more than just technology.

Long road to launching new concepts.

3. What we learned - Identity trend 1, to digital

To digital..

THE IDENTITY SHIFT

Identity is now at an inflection point; physical identity systems are breaking down and digital systems are emerging in response.

PHYSICAL IDENTITY

Physical identity was designed to enable face-to-face transactions among entities

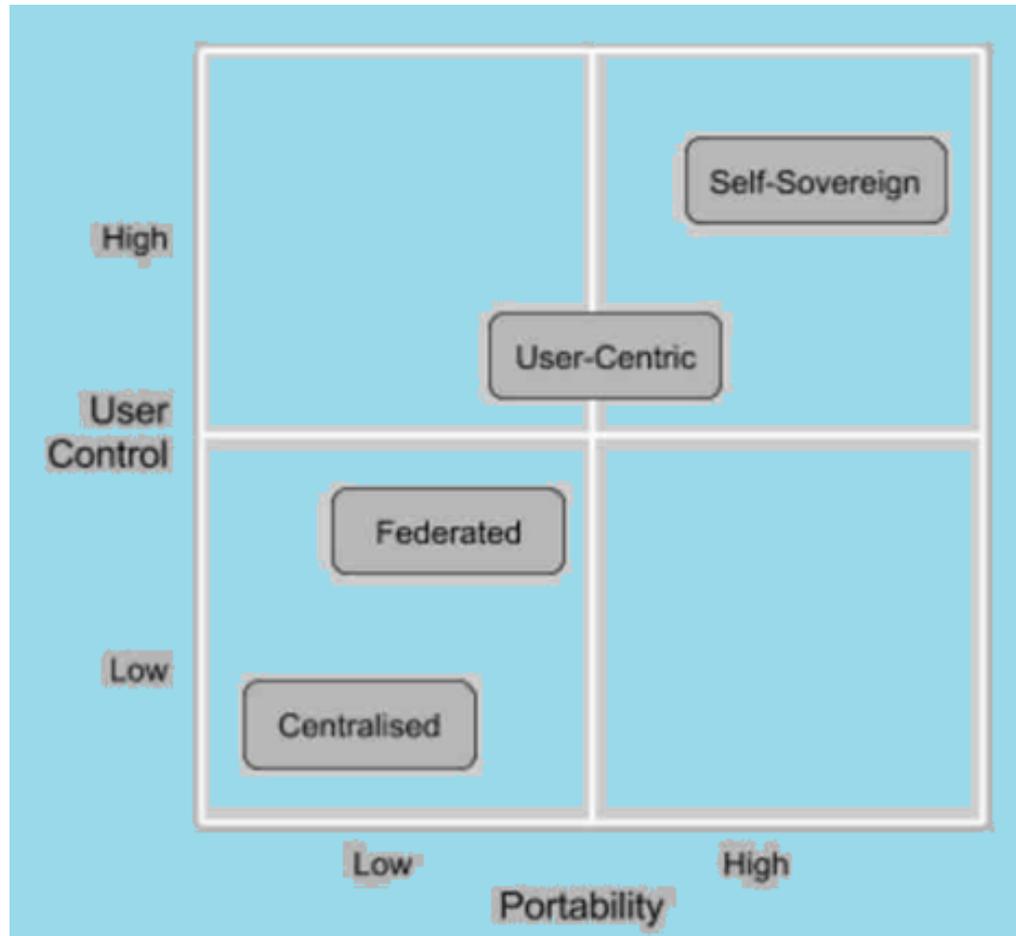
The digital economy is changing the way that identity transactions occur

DIGITAL IDENTITY

Digital identity enables transactions in the digital world and offers improved functionality for its users

3. What we learned - Identity trend 2 – user centric & SSIF

To user centric and even further: SSIF..



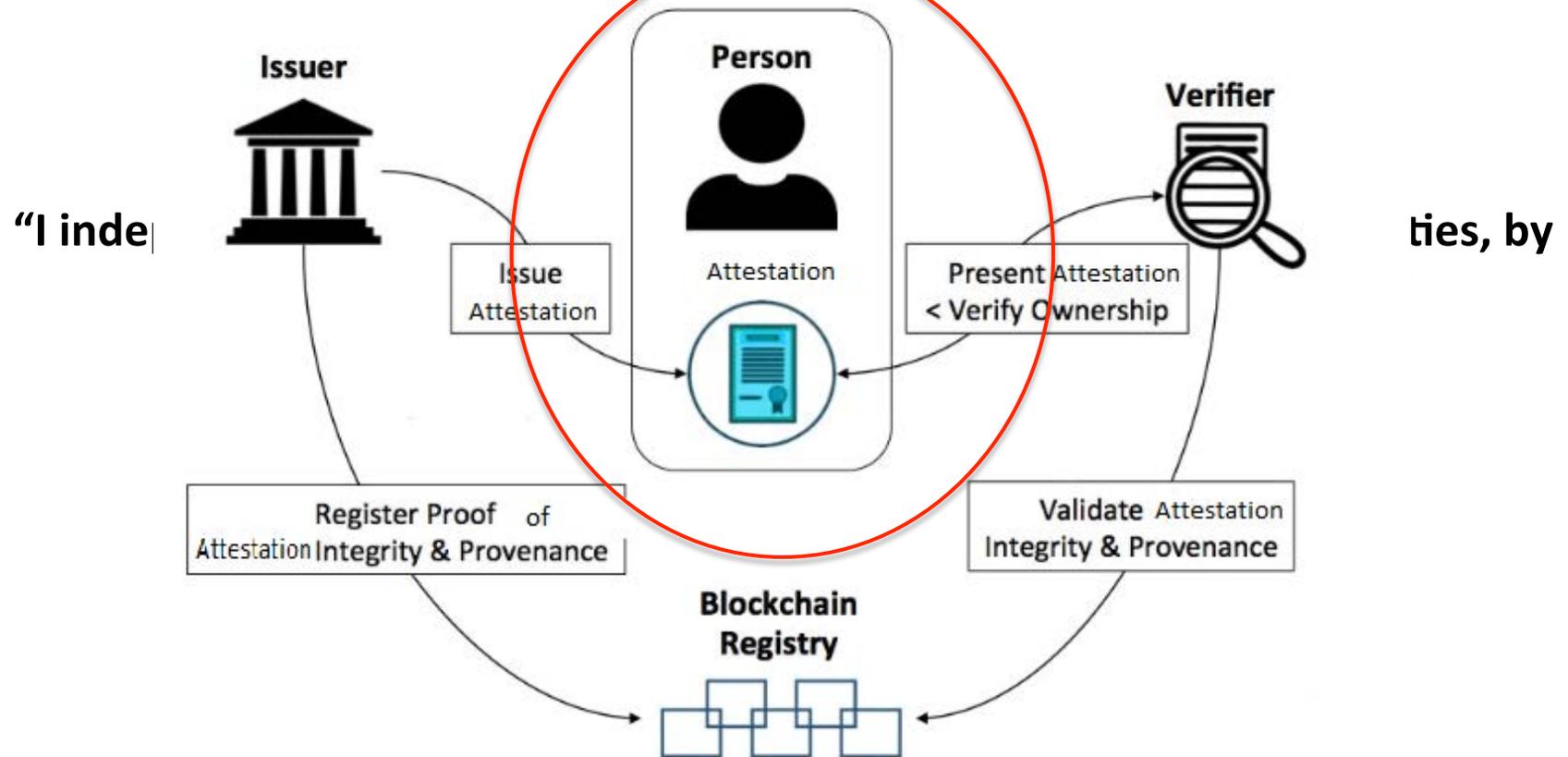
3. What we learned - Identity trend 2 – user centric & SSIF

SSIF in detail.. blockchain as component.

“I independently administer the attestations given to me by trusted parties, by using a SSIF wallet i.c.w. Blockchain to administer revocations.”

3. What we learned - Identity trend 2 – SSIF in detail

SSIF in detail.. blockchain as component. **Control and ownership**



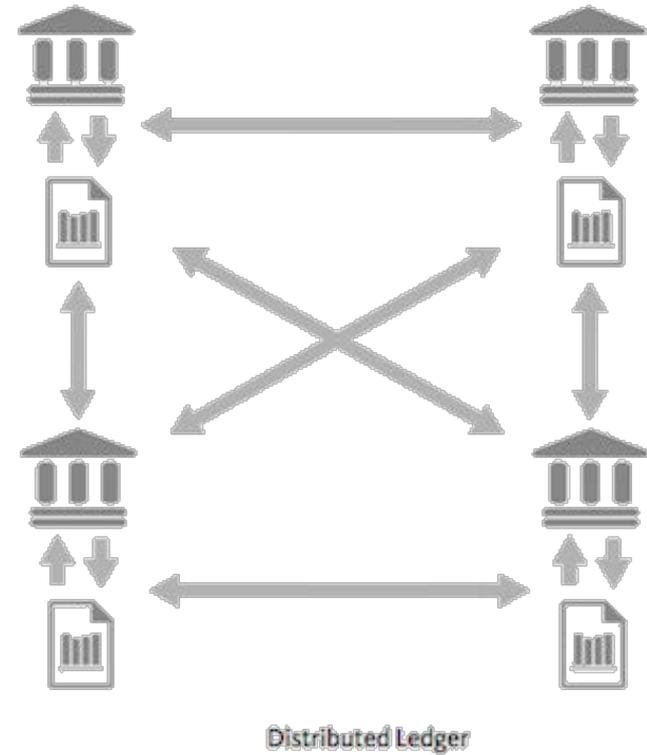
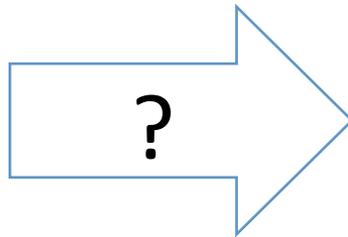
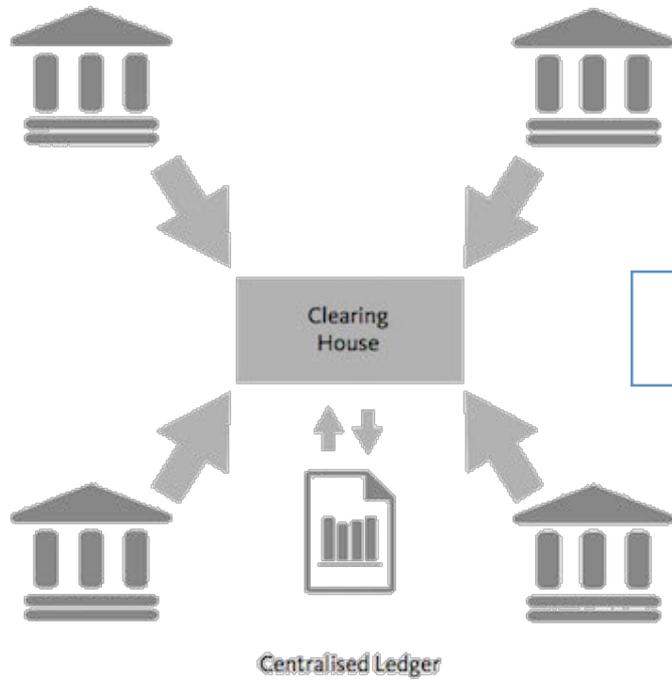
4. Mindset shift – our place in the ecosystem

In this blockchain world, with use-cases of connecting people and data, and a demand on identity, what is our place in the ecosystem?

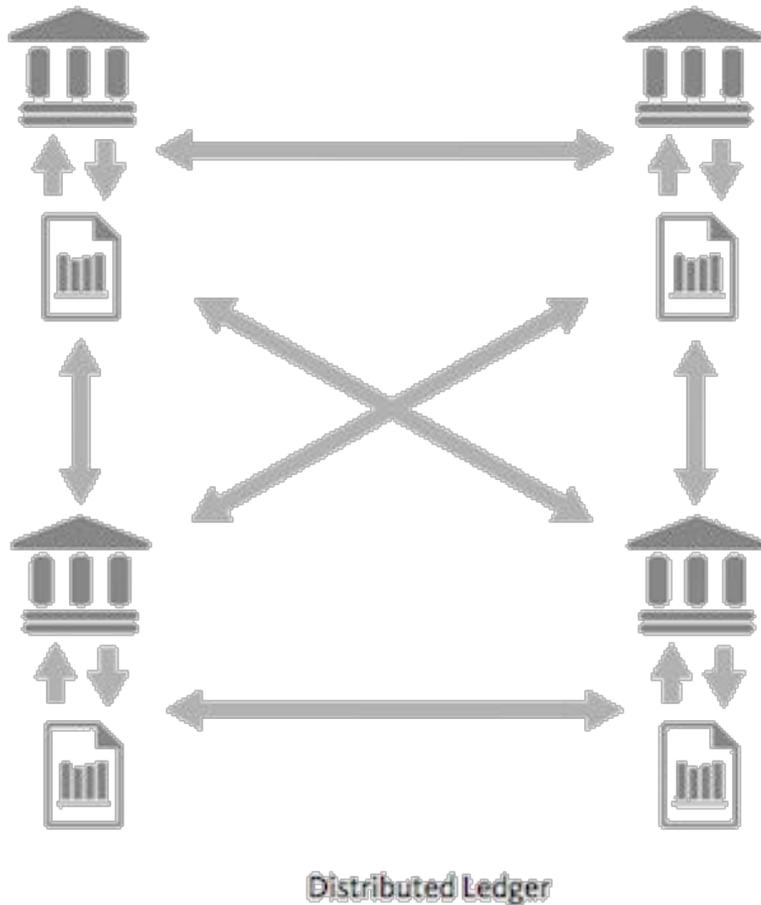
Identity is a focus point, and are we still relevant, as register?

It sums up to...

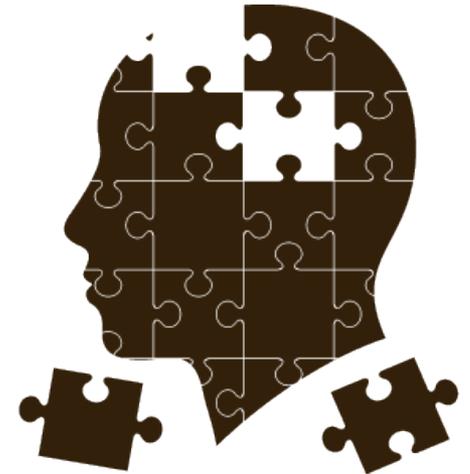
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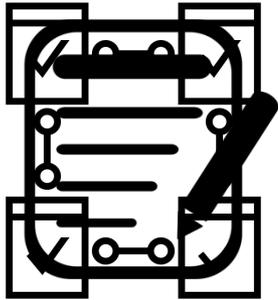


+



(apparently the clearinghouse was not ‘just a clearinghouse’ only...)

4. Mindset shift – our place in the ecosystem, our DNA



List with company attributes.

Name

KvK

Address

E-mail

LEI number

...



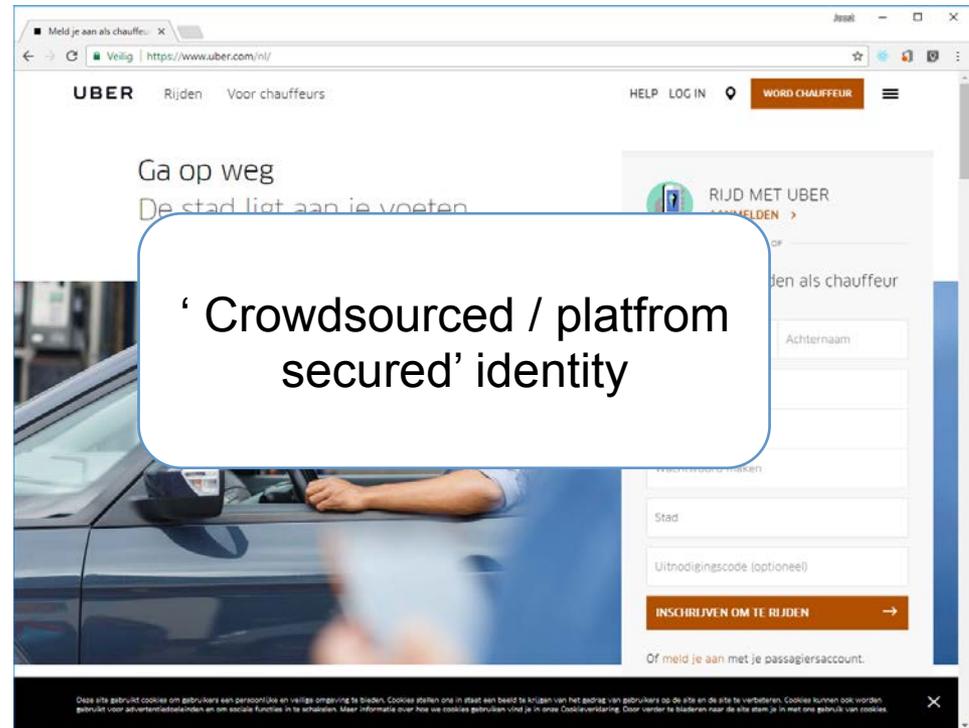
List with people that may act on behalf of the company.



Processes that identify persons that may act on-behalf

(you see, we are not ‘just a register’...)

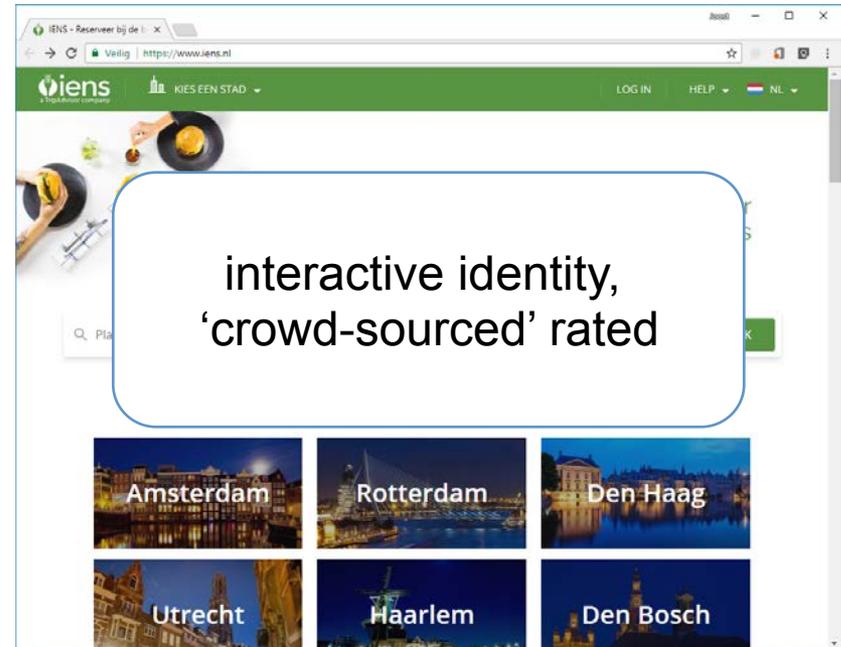
5. Who are we to serve: the ecosystem around identity



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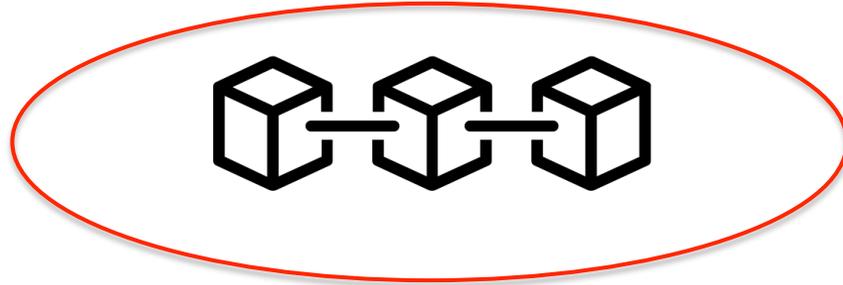


'published' identity,
'authorative' rating



interactive identity,
'crowd-sourced' rated

6. Our work on identity & blockchain: SSIF

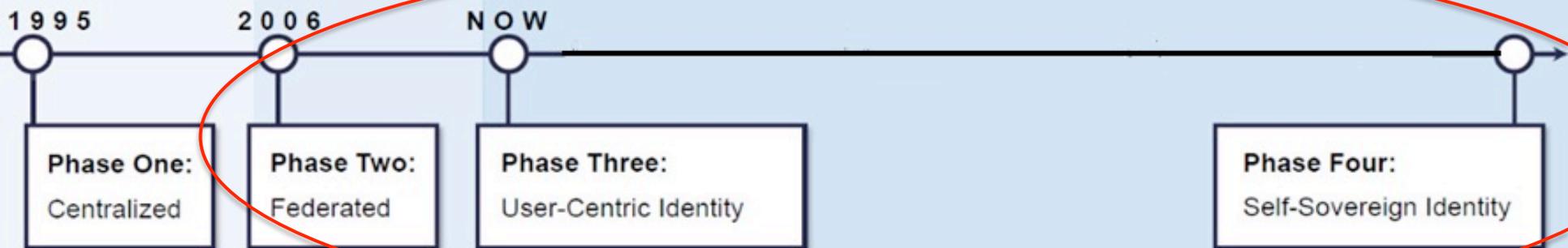


Ingredient 1: blockchain is there

6. Our work on identity & blockchain: SSIF



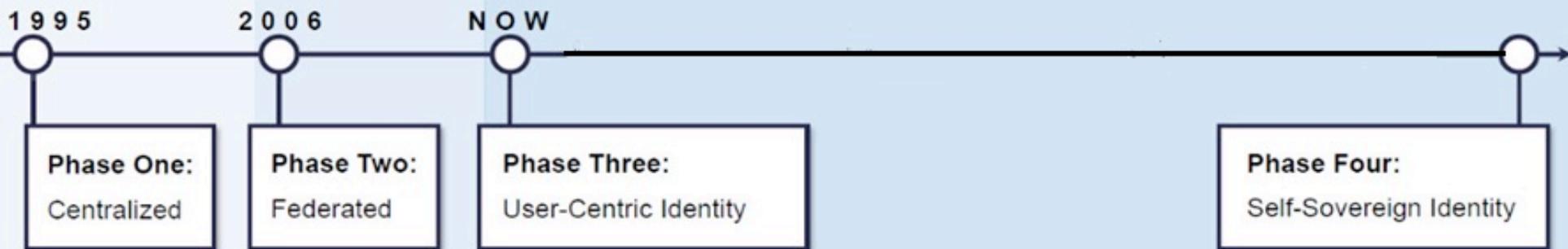
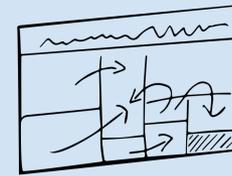
Ingredient 2: the emergence of digital, user-centric (and maybe SSIF) identities



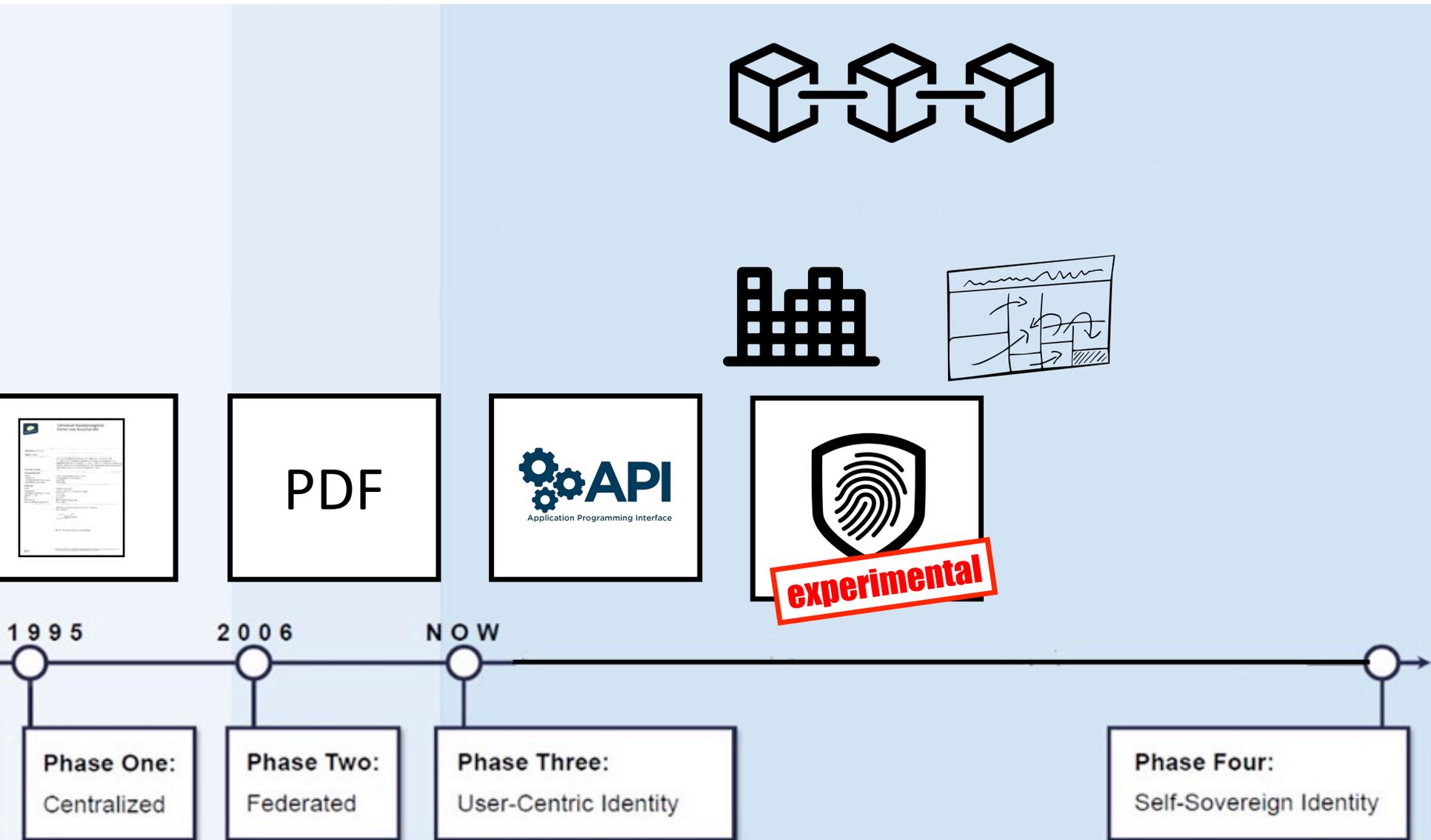
6. Our work on identity & blockchain: SSIF

**New business models with
user-centric Business- identities
(SME in control?)**

What do they need?

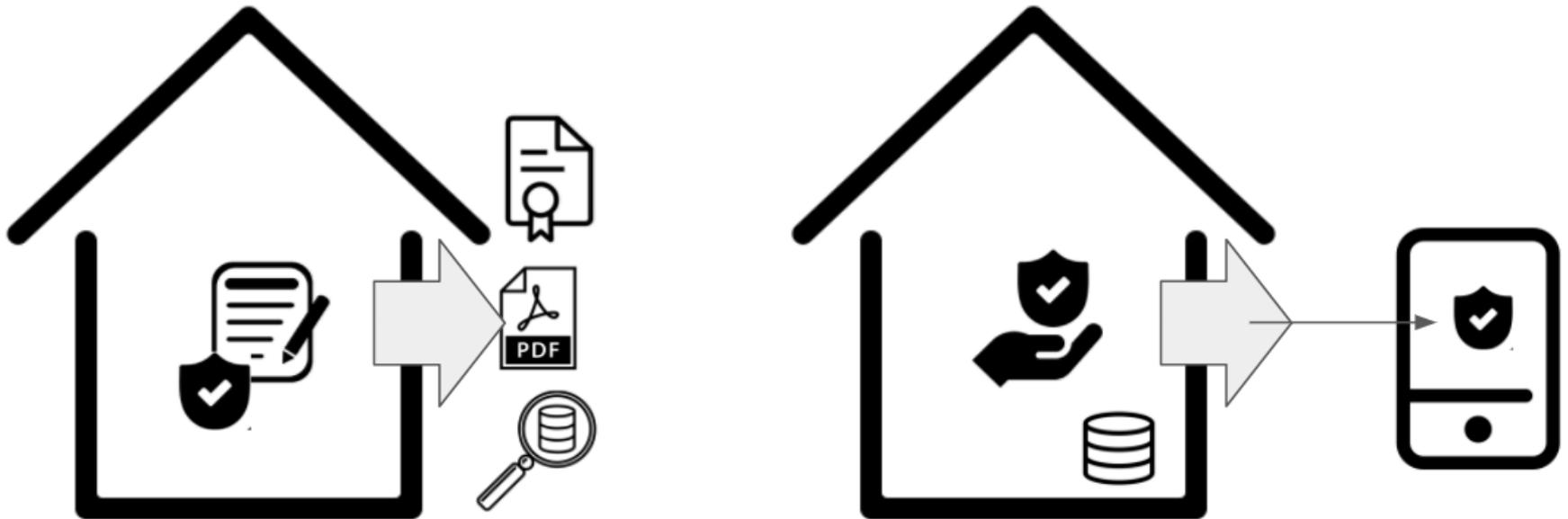


6. Our work on identity & blockchain: SSIF



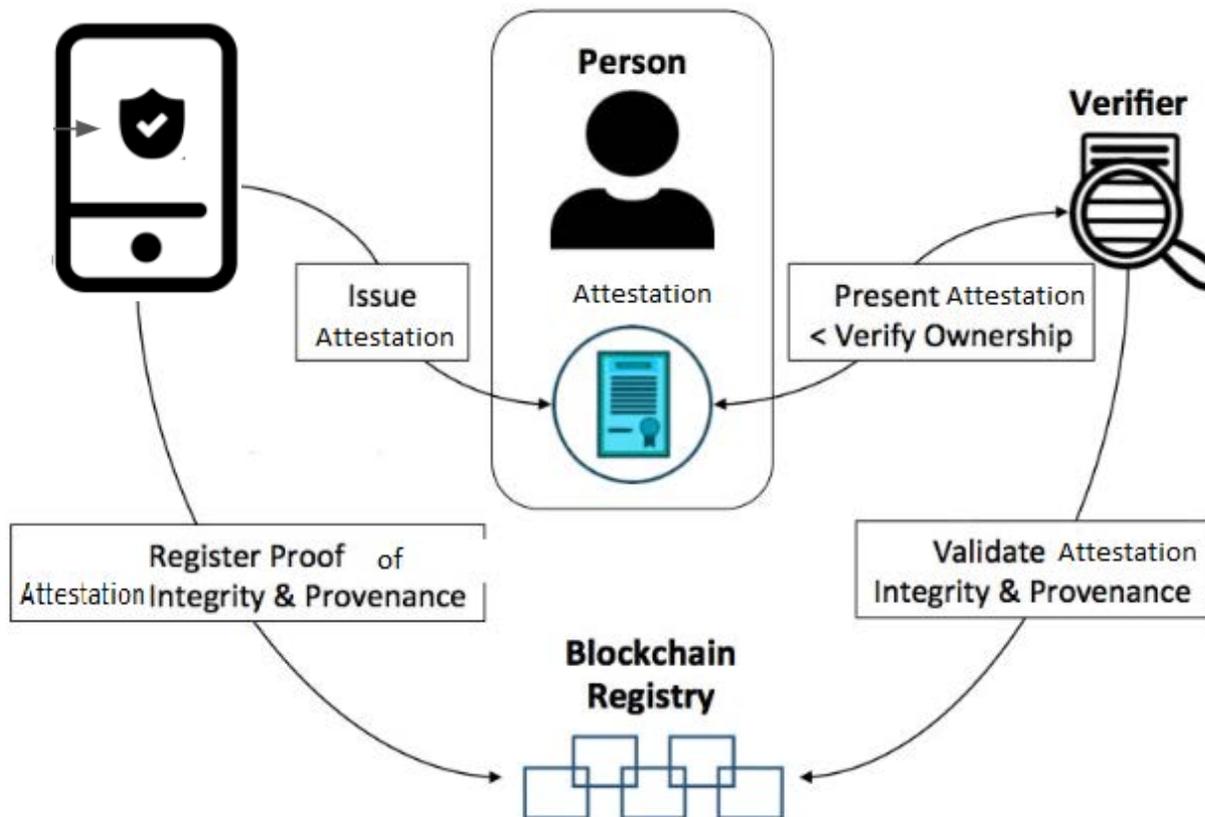
6. Our work on Identity and SSIF

Experimenting with the mind-frame of user-centric identity



6. Our work on Identity and SSIF

Experimenting with new type of mind-frame



7. Conclusion

Much expected from us!

Bright future!

How?