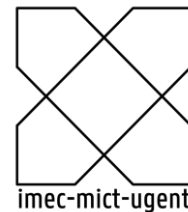




# SHARCS

Paul Henon, Docbyte





# Personal Data is Everywhere and not under Control

- As a candidate, your data is held by:
  - companies, where you applied for a job directly
  - recruiters
    - in their own environment
    - shared with companies they present you to
- Information is often more detailed than needed
  - unclear requirements
  - urge to provide “enough” information
- For recruiters and companies
  - privacy issues
  - confidentiality issues
  - challenges surrounding information retention and deletion

# Put the Citizen/Candidate in Control

- Selective disclosure
  - clear request by company/recruiter
  - unambiguous scope of disclosure
  - explicit approval by the candidate
- Secure disclosure
  - Strict identity management
  - Access control
  - secure transmission and storage
- Evidence
  - sharing is based on authentic data
  - no doubt about validity
- Neutral parties with no access to the content

# SHARCS: Selective Sharing of Accredited Solid Pod Data

- Putting the theory into practice
- Technology
  - solid pods
  - verifiable credentials
  - zero-trust Identity & Access management
- Challenges
  - standards in flux
  - technology in its infancy
  - too complex to explain to “regular” users → needs to be packaged
- Research project:
  - challenges are to be expected, even encouraged
  - learning is important
  - constructing a concept to be built upon by the industry

imec.icon

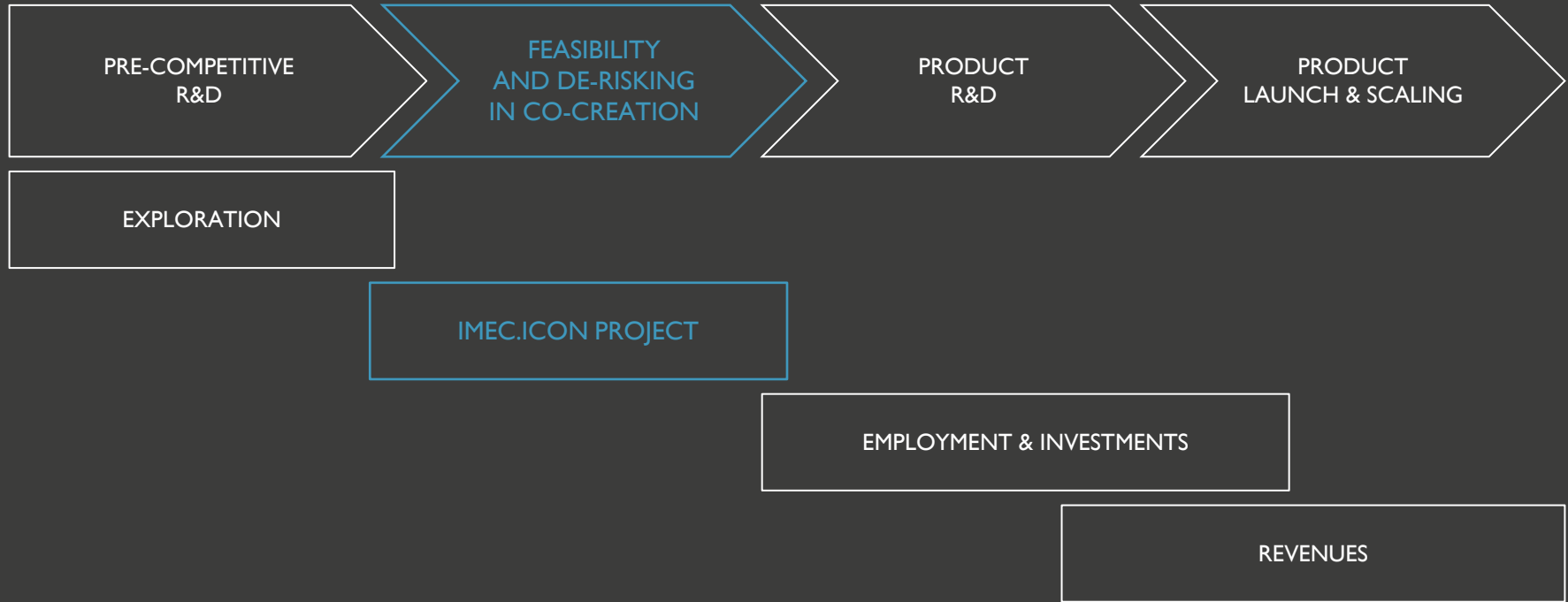




# imec.icon – drive your innovation with research

Intro SHARCS Closing during SOLID Community meeting 24/02/2025

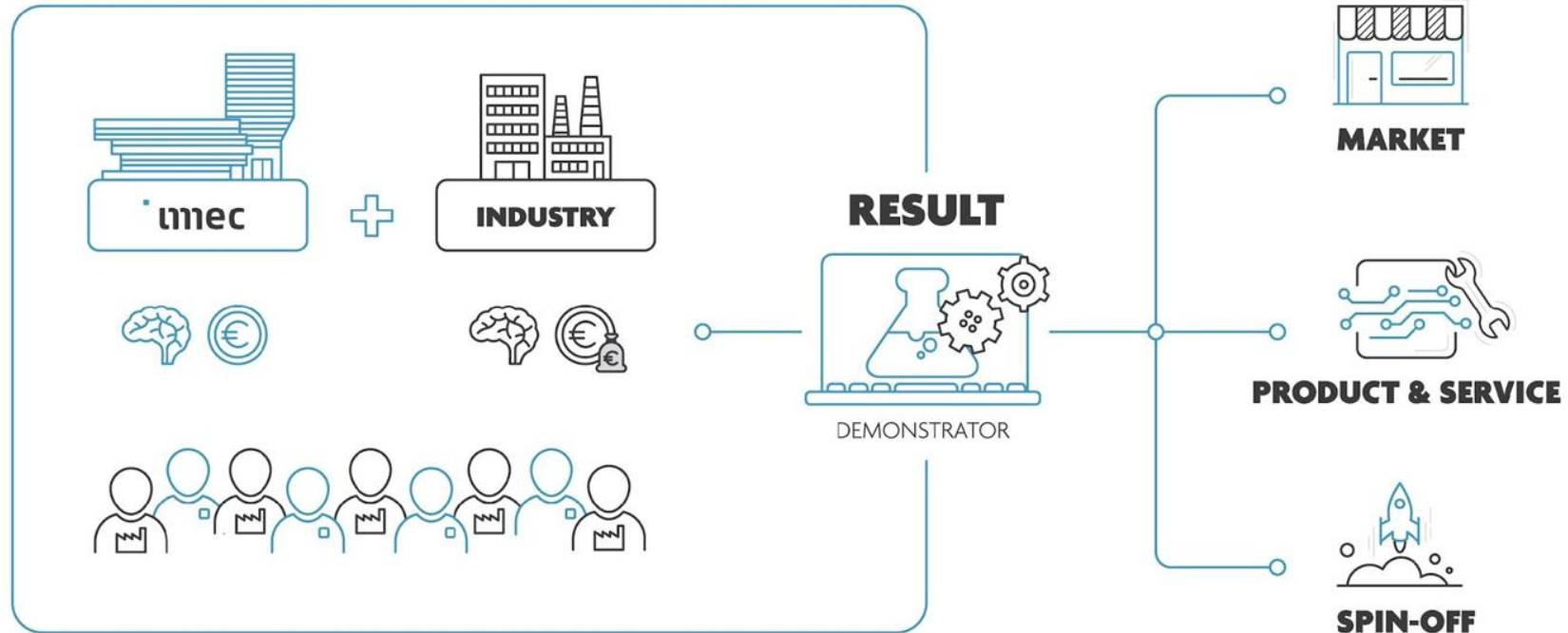
# THE POSITION OF IMEC.ICON IN THE R&D LIFE CYCLE





# INTERDISCIPLINARY COOPERATIVE RESEARCH

# VALORIZATION



# IMEC.ICON CHARACTERISTICS



**ICT and nanoelectronics-related**  
digital products, services and  
business models



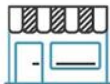
**Balanced consortium**  
balanced contribution of industry  
and research partners



**Demand-driven**  
relating to a real need in  
industry or society



**Interdisciplinary approach** tackling  
technological, legal and social challenges,  
new business models, etc.



**Cooperative research** with a  
focus on valorization for all  
industry partners involved



**2 to 3 year** duration

# BUSINESS REASONS TO CONSIDER IMEC.ICON



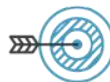
imec's technologies and expertise can provide companies with **significant product** or **service differentiators**



imec's **large network of researchers** is well-connected to the Flemish innovation ecosystem and helps companies find possible partners



imec.icon stimulates **collaborations** between the different actors in the innovation ecosystem



imec.icon projects deliver **tangible results** and support an **iterative approach**



imec.icon helps companies deal with **co-innovation** and **adoption-chain risks**



imec.icon is a **low barrier** program to work with imec in applied research

# SPECIFIC PROGRAM MODALITIES: CONSORTIUM COMPOSITION

## RESEARCH GROUPS

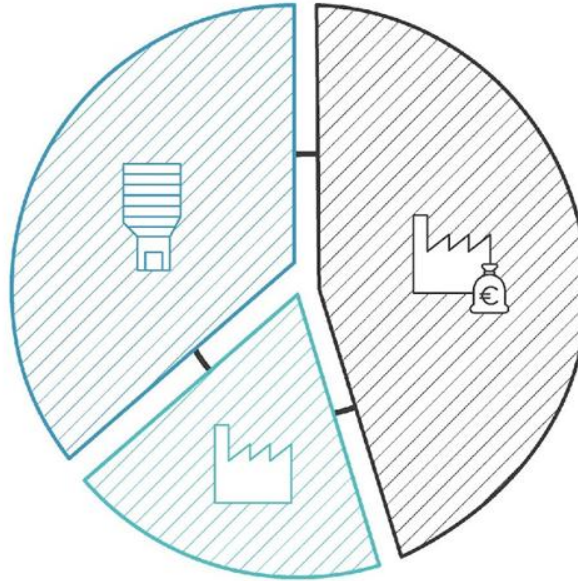


Minimum 2

- At least 1 imec research group

Funding

- All Flemish knowledge partners financed at 100%
- Other SOCs with own funding
- Limited participation of imec NL possible



## INDUSTRY PARTNERS



Minimum 3 independent companies

- Of which 2 Flemish funded companies
- Companies outside Flanders welcome as well

Funding

- Available from
  - VLAIO in Flanders
  - Innoviris in Brussels
- Companies with own funding allowed, but don't count for consortium budget balance

# 425 IMEC.ICON PARTNERS AND COUNTING



# GET IN TOUCH VIA [ICON@IMEC.BE](mailto:ICON@IMEC.BE)!

Steven Van Assche



Charlotte Waegebaert



Eric Van der Hulst



Deben Lamon



Laura De Sutter



Eric Moons



Annelies Vandamme



Ive Weygers

The imec.icon project SHARCS is a research project bringing together academic researchers and industry partners: **IDLab-KNoWS, IDLab-TE, imec-mict-UGent, TrustBuilder, Enhansa, DocByte, Athumi, and Randstad Group**. SHARCS is co-financed by imec and receives financial support from Flanders Innovation & Entrepreneurship (project nr. HBC.2022.0543) and Innoviris.

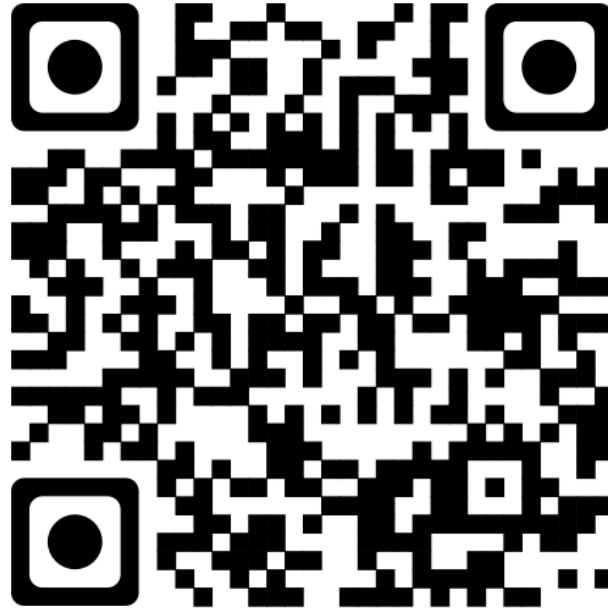
With the support of





# Like to know more?

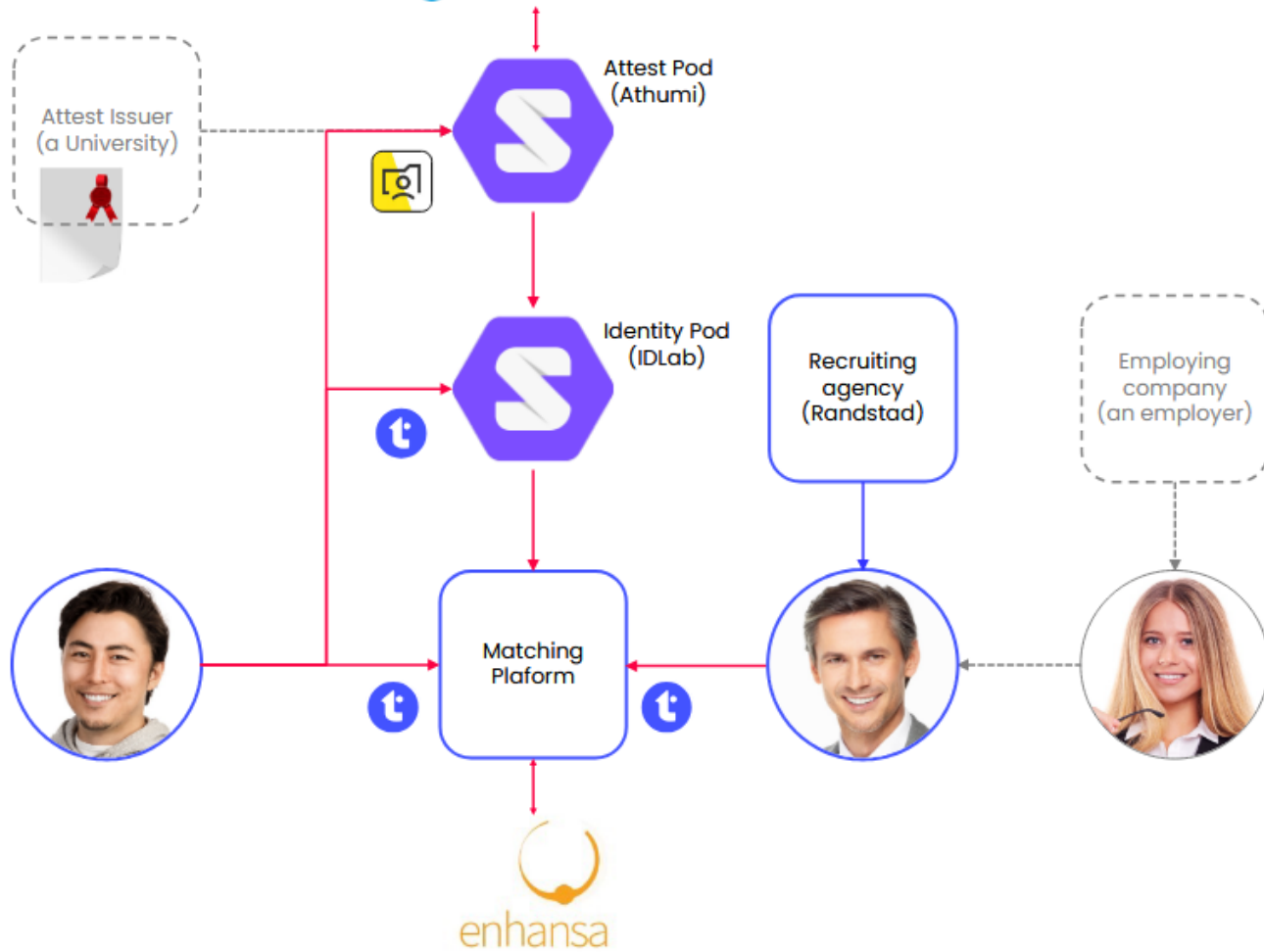
Read our white paper at <https://solidlab.be/sharcs/>!

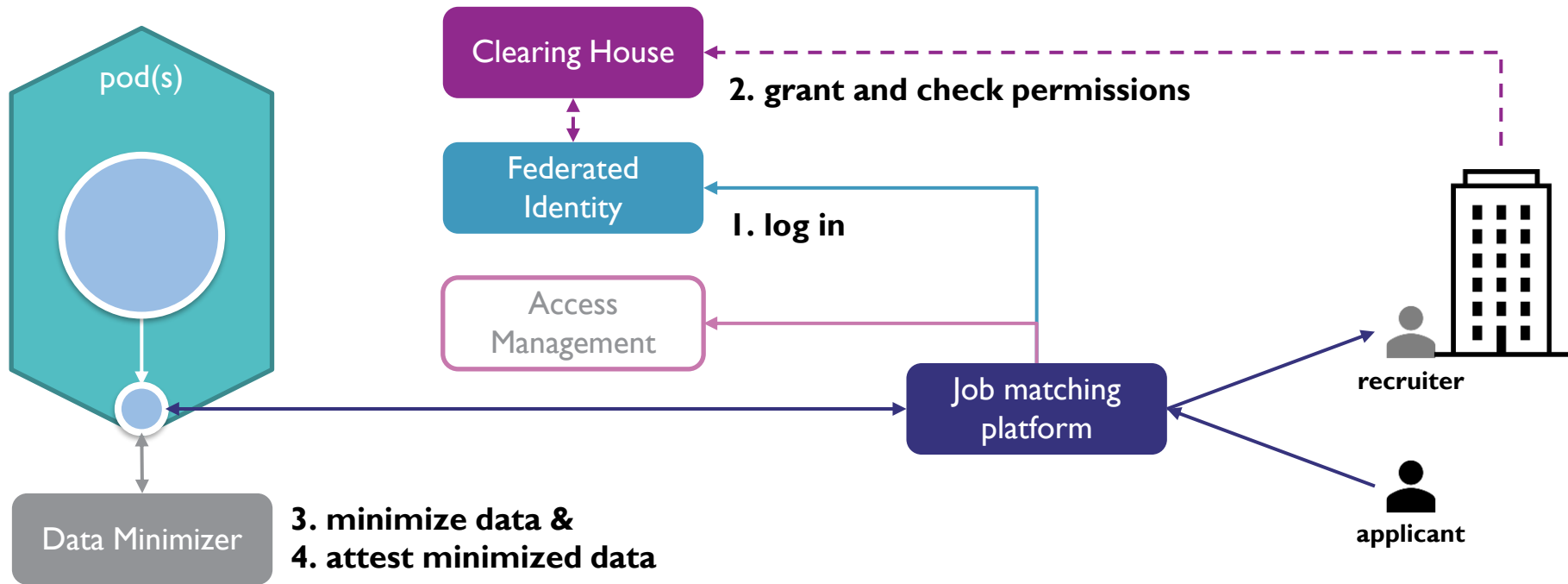




umec

embracing a better life





**5. empower users**

application

**6. connect end-to-end**

ecosystem

**7. uncover legal and business implications**

society

## WP0: Project Management

**DocByte**  
IDLab-DSLab

*User Group*

## WP5: End-to-end Compliance

**Athumi**  
& all other partners

**TrustBuilder**  
IDLab-DSLab

Athumi  
Enhansa

**Enhansa**  
IDLab-IBCN  
Athumi

TrustBuilder  
IDLab-DSLab

**DocByte**  
Athumi

IDLab-DSLab

**mict**  
IDLab-IBCN

Randstad

## WP1: Strong Decentralized Identity

## WP2: Clearing House

## WP3: Data Minimization and Attestation

## WP4: Effective user empowerment for personal data

## WP6: Legal & Commercial Opportunities

**IDLab-IBCN**  
Randstad  
Athumi

**DocByte**  
Enhansa