PROJECT OVERVIEW

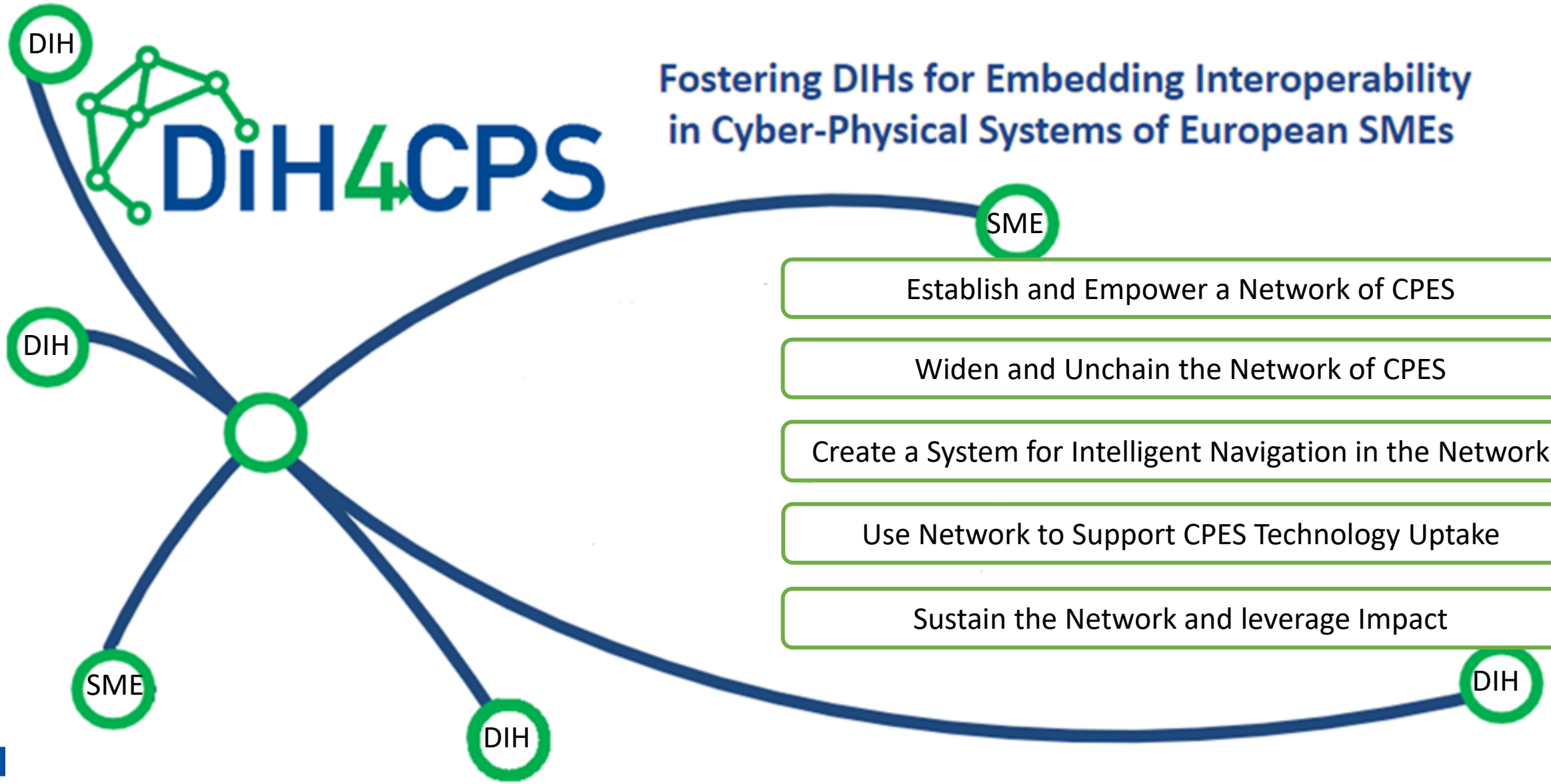
José Ferreira (UNINOVA)

DIH4CPS is funded by the European Commission under contract 872548

Project Overview

DiH4CPS

Fostering DIHs for Embedding Interoperability in Cyber-Physical Systems of European SMEs



- Establish and Empower a Network of CPES
- Widen and Unchain the Network of CPES
- Create a System for Intelligent Navigation in the Network
- Use Network to Support CPES Technology Uptake
- Sustain the Network and leverage Impact

Project Overview

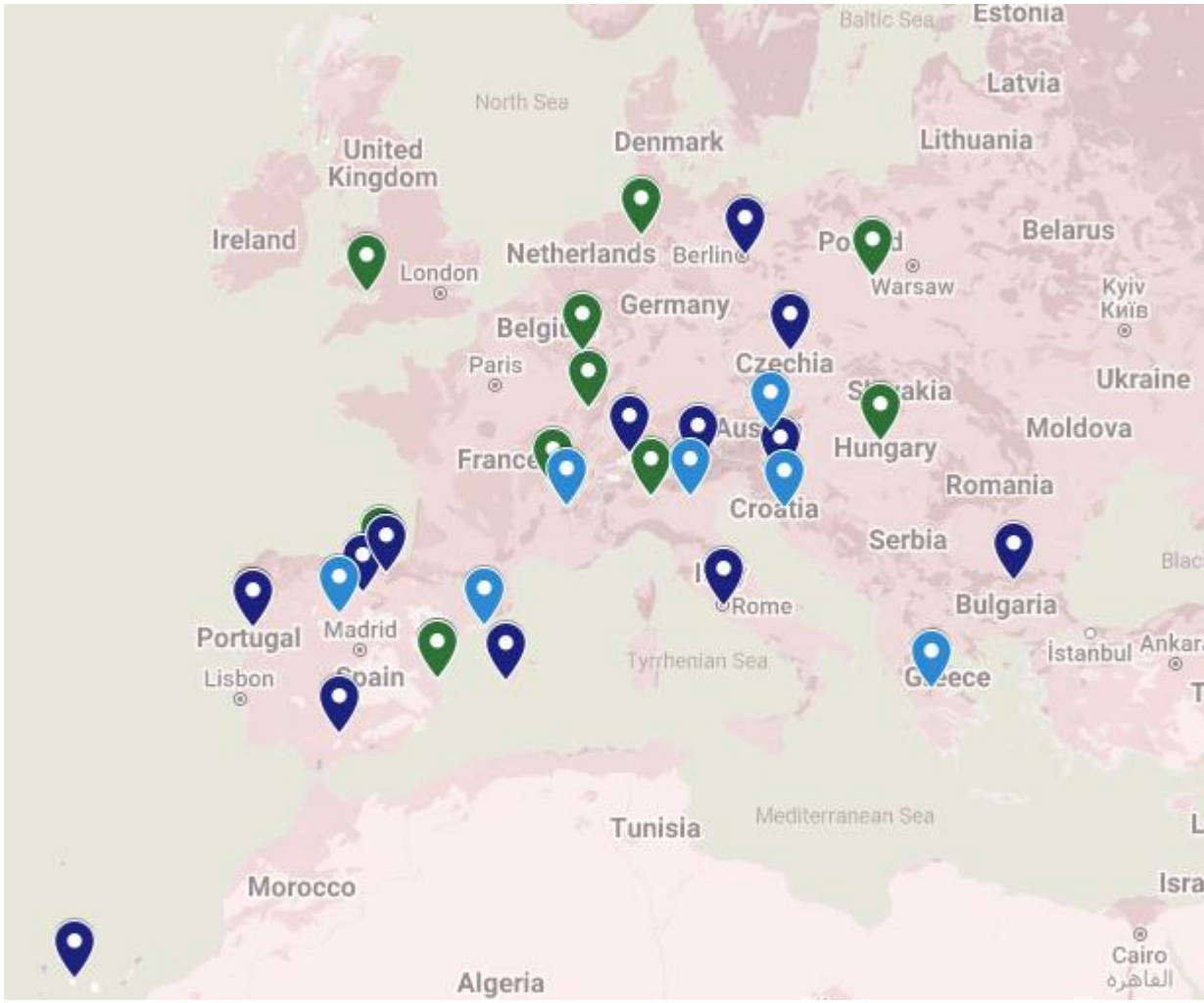
3 Years (2020-2022)

33 Partners from 10 EU Countries

70+/33 Network/DIHs

11 + 12 Application Experiments

Open Calls Closed



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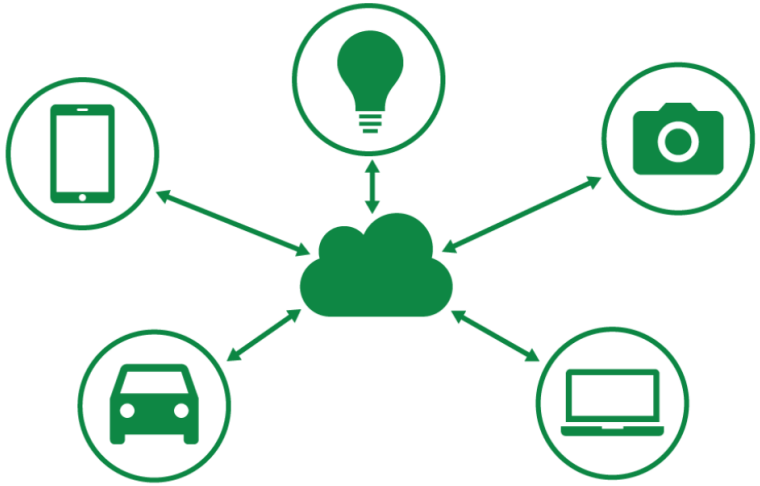
DIH4CPS Tools – DIHs Customers

Technology End-User

Any company (SME / LE or start-up) that uses technology to best perform its business

Technology Provider



Any company (SME/LE or start-up) whose business is to develop new technologies

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THE DIH4CPS PORTAL

José Ferreira (UNINOVA)

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The DIH4CPS Portal Approach

- Modelling the network and its relations in an ontology
- From individual capabilities and offers through to experiences and activities within the network
- The Key Features:
  - Open and extendable ontology
  - Integration of State-of-the-Art catalogues, like D-BEST and NACE
  - A straightforward UI to navigate the ontology for day-to-day use
  - Cross-Platform API to increase reach and interaction
  - Enabling trust through management by network organisation

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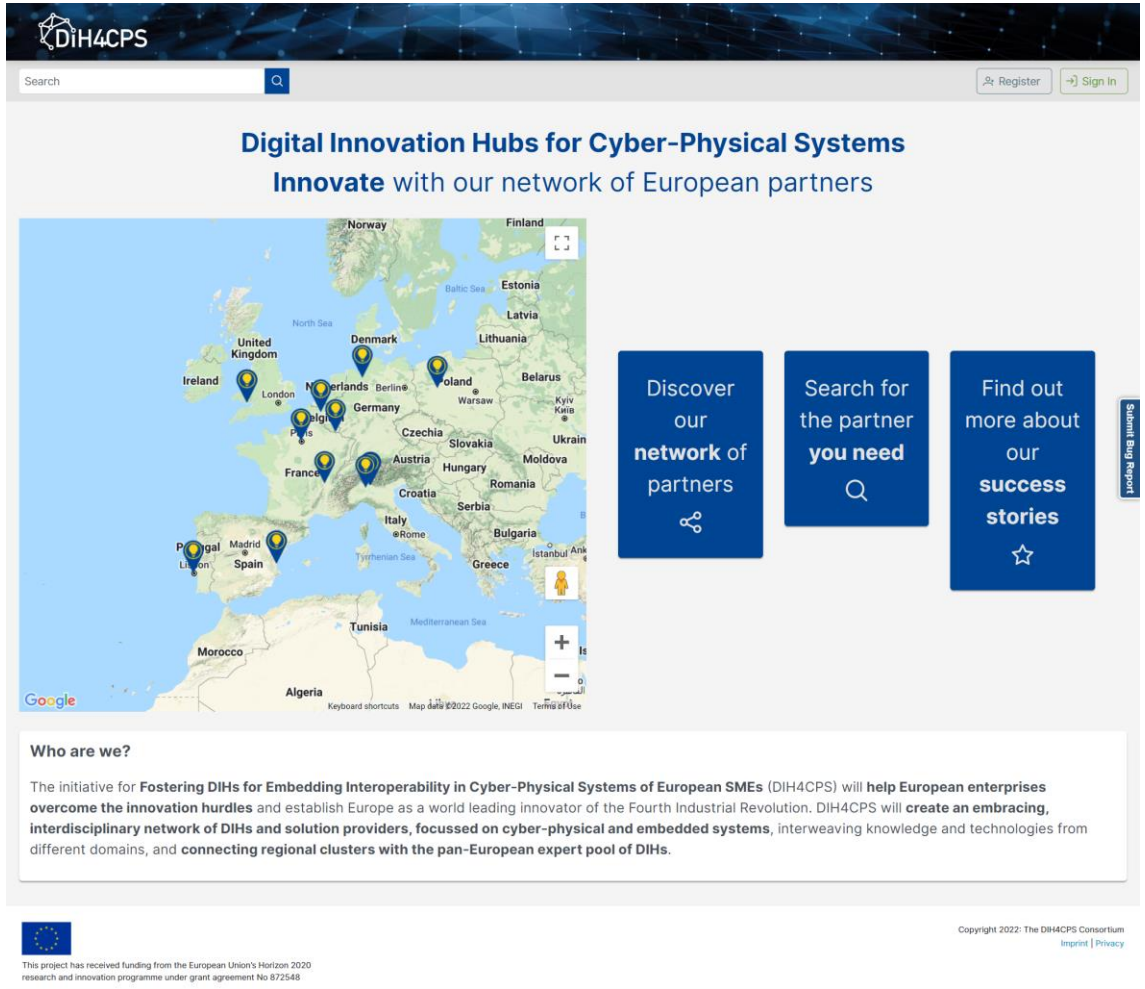
The Portal UI

- Navigating the DIH4CPS Ontology
- Open for everyone to search
- Operated by the network organisation
- Open for network members to publish



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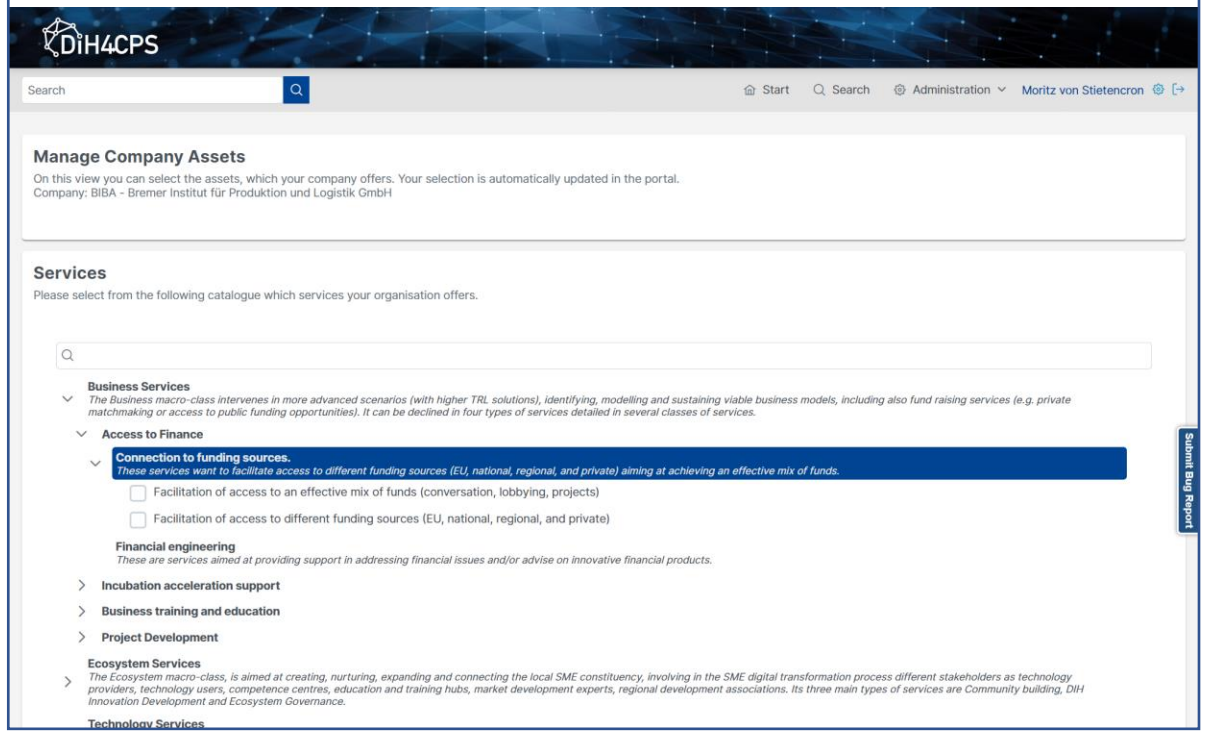
PUBLISHING CONTENT

BASIC

Selecting Offers from Standard Catalogues

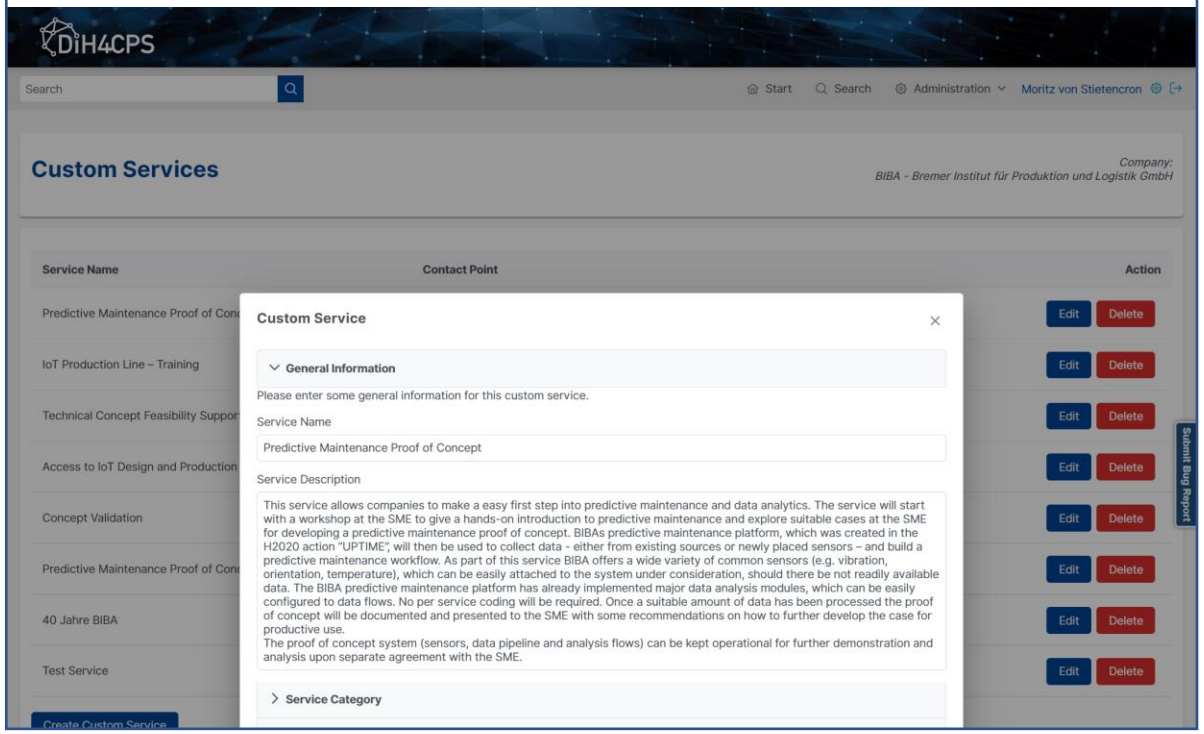
fast & simple



ADVANCED

Posting Custom Services with Links to Catalogues

more detailed & bespoke



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SEARCH

- Navigating the DIH4CPS Ontology
- Open for everyone to search
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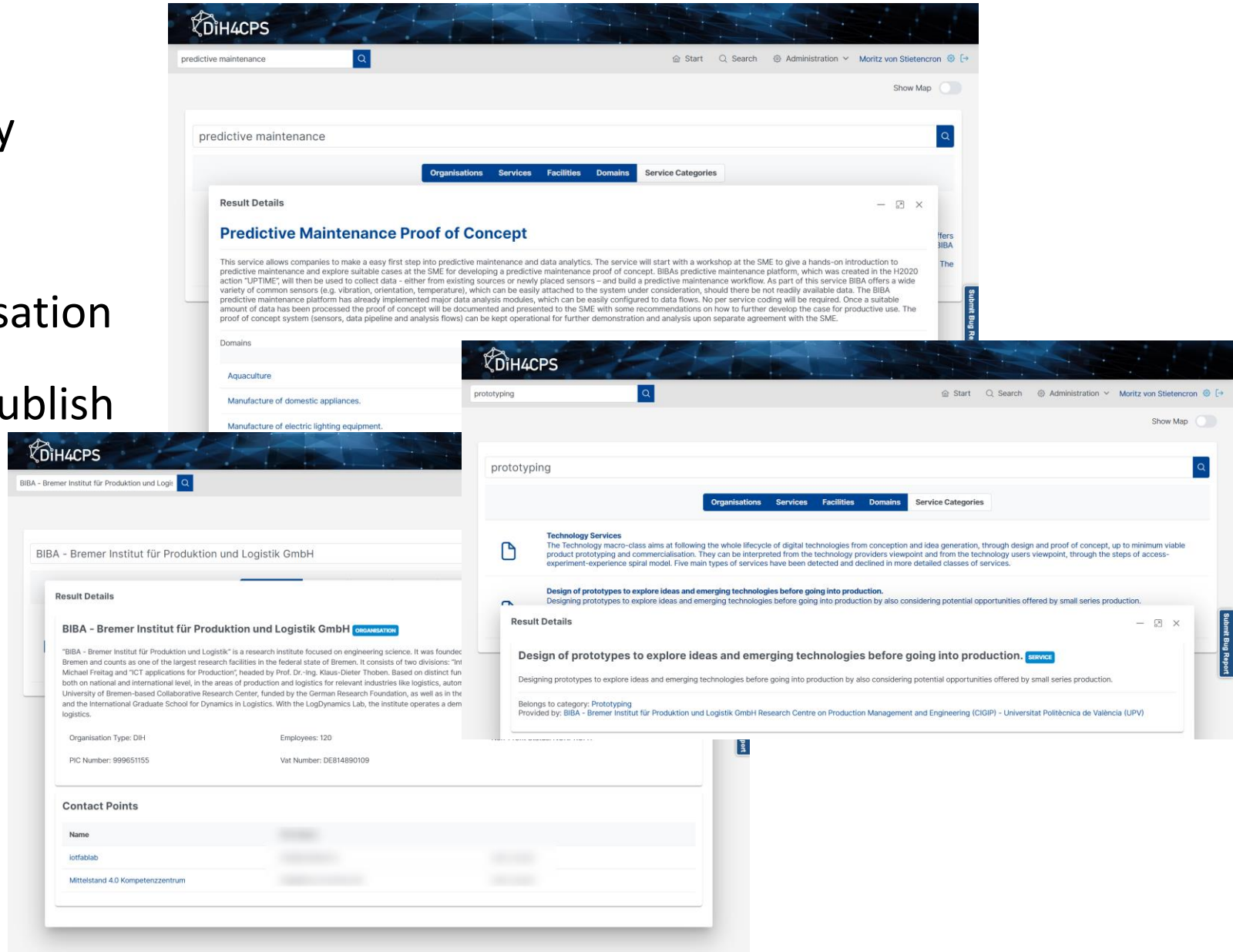
- Open for network members to publish



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DiH4CPS

DIH4CPS is coordinated by UNINOVA Instituto de Desenvolvimento de Novas Tecnologias

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