

Testialustat Tutuiksi – TAMK FieldLab

23.3.2022,

Petri Pohjola, Lehtori
Konetekniikka TAMK



Examples of SIX Manufacturing EDIH services

TEST BEFORE INVEST

- Access to research infrastructure, living labs and pilots (**FieldLab**, Robolabs, Cyberlabs, 5G test network, VR/AR lab)
- Real life environments, demos and simulations, e.g. AI service center (AI Hub 2.0)
- SME Digi roadmap creation
- Digital capability development workshops in real-life factory environment
- Online maturity tools (AI/Manu/Cyber/Security)

SKILLS & TRAINING

- Capability building, workshops, plant tours
- Manufacturing academy gathering courses, study blocks, and education programmes under one umbrella and seeks needs for new courses.
- Post Docs in Companies
matchmaking program supporting renewal of companies and employment of doctors in the private sector (PoDoCo)

SUPPORT TO FIND INVESTMENTS

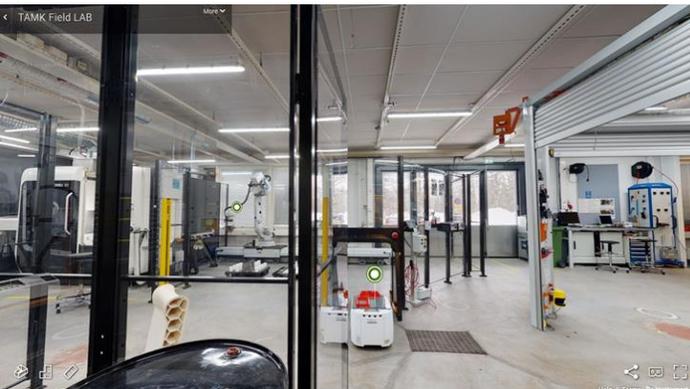
- Funding clinics & webinars
- Business model support
Need based business model building (NABC)
- Access to funding
Private and public, national and EU
- Consortium building & project management

INNOVATION ECOSYSTEM & NETWORKING

- Events. Meeting points for companies such as AI & Cyber Security Mornings
- Access to European innovation networks such as EIT Manufacturing, DIH networks (Trinity, DIH², Better Factory, LMS) and their open calls
- Access to International Data Spaces, Gaia-X
- Co-creation and matchmaking activities for joint PoC development (Rapid Tampere, EEN, etc.)
- Matchmaking with startups (Spinoutlab, Platform6)

TAMK FIELD LAB

The Testbed
and Capability Creation
for Industry 4.0



FieldLab – Capability Creation for Industry 4.0

Process for Co-Creation and open innovation fostering:

A co-creative **living lab** approach Knowledge Transfer Charter (KTC) to bridge the Death Valley of idea phase post-it notes to concrete **sustainable value-based** innovation management outcomes.

Our KTC-approach encourages innovators and companies jointly to co-create, **co-innovate** and develop new technologies by taking advantage of **hands-on** demonstration and real-life environments as part of the knowledge transfer process.

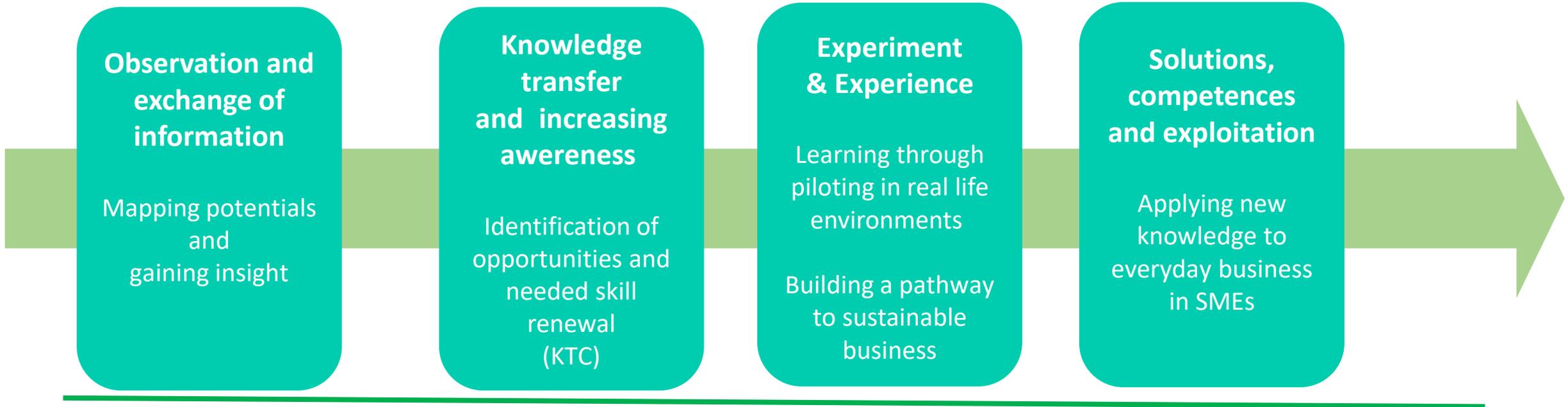
<https://sites.tuni.fi/fieldlab/>



New skills unleashing the
engineering potential

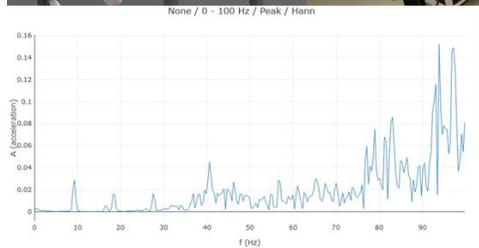
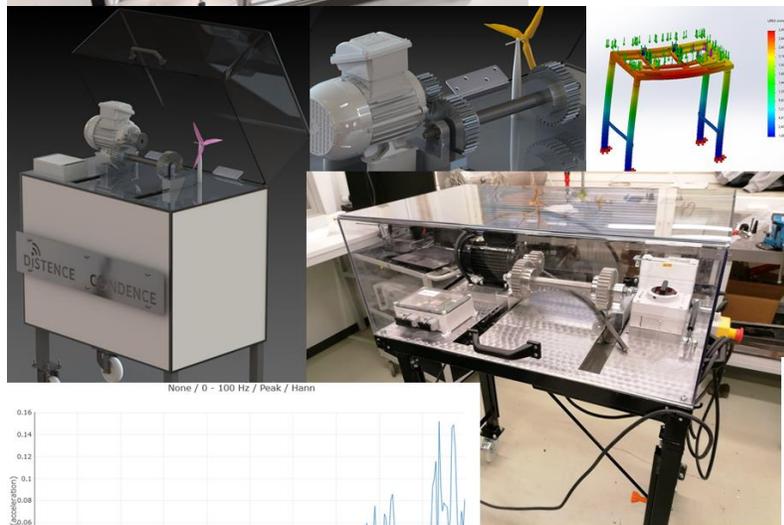
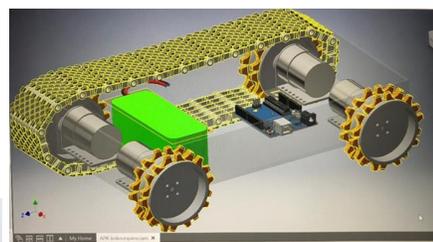
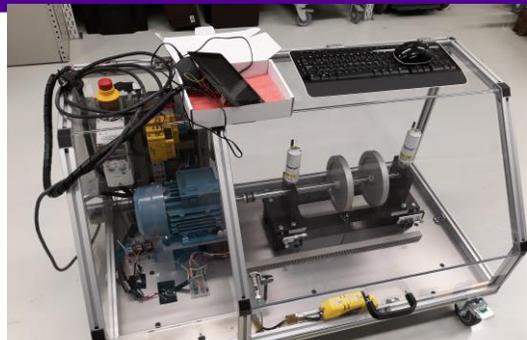
SIX EDIH – FieldLab Customer Pathway

TEST BEFORE INVEST



Customer-oriented co-creative guidance throughout the pathway

TAMK FieldLab Opiskelija projekteja:



Olemme avoimia kaikelle yhteistyölle, joka edesauttaa Teollisuus 4.0 –kyvykkyiden vahvistumista.

- Hyvät käytänteet
- Vierailevat luennoitsijat
- Vierailut
- Co-creation –projektit

TULE MUKAAN

KIITOS

Q&A

Petri.pohjola@tuni.fi

