Mazovia EDIH

European Digital Innovation Hubs
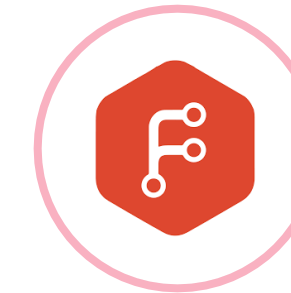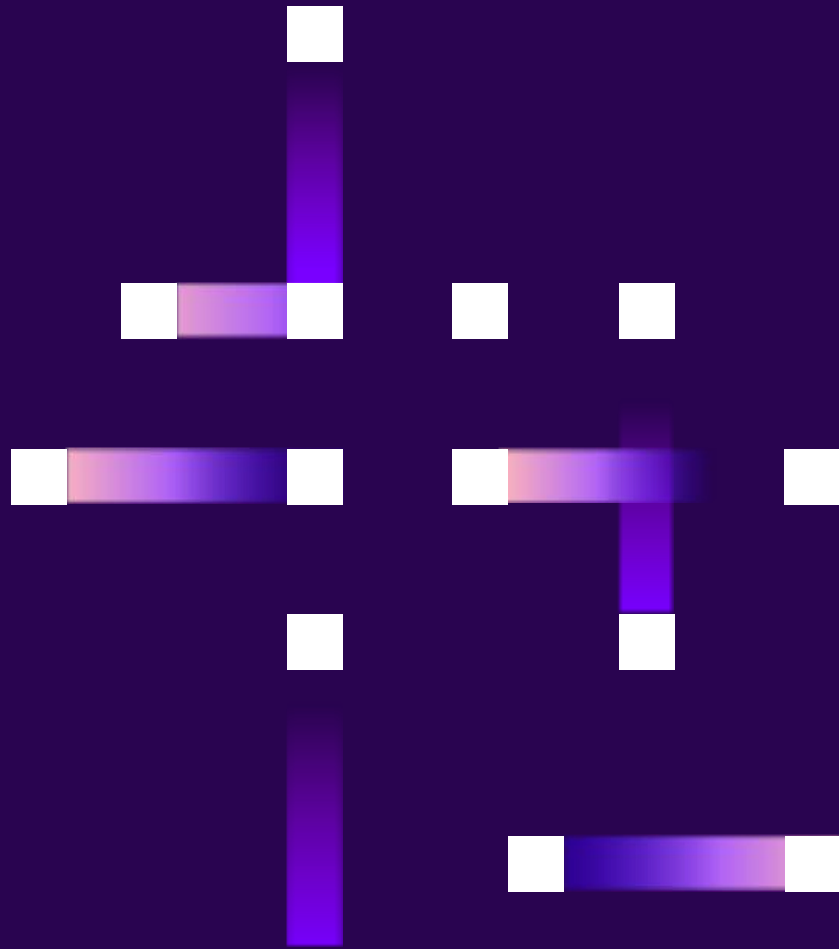
How to test and implement technologies for free

Krzysztof Mieszkowski
Łukasiewicz-PIAP

Co-funded by
the European Union

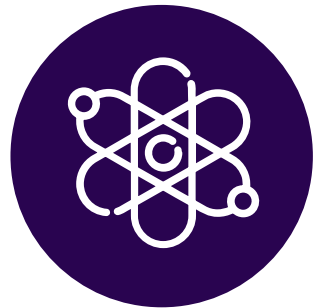# PARTNERS

Łukasiewicz PIAP

Łukasiewicz IMIF

Łukasiewicz ITR

Łukasiewicz ITEE

CEZAMAT WARSAW UNIVERSITY OF TECHNOLOGY

icm

IDEAS NCBR

arp Agencja Rozwoju Przemysłu S.A.

IZTECH POLSKA IZBA GOSPODARCZA ZAAWANSOWANYCH TECHNOLOGII

Mazovia EDIH

Planned Mazovia EDIH services

COMMUNITY BUILDING

SKILLS DEVELOPMENT

TEST-BEFORE-INVEST

BUSINESS SUPPORT

Mazovia EDIH

Mazovia

Thematic DIH EU Networks

Data spaces and e-Infrastructures

KET Competence centers & EU Networks
Micro/nanoelectronics, Photonics, AMT

Photonics

Electronics System & Components

KET*

Advanced **M**anufacturing **T**echnologies

Artificial **I**ntelligence

Cyber **security**

ADT*

High-**P**erformance **C**omputing

ADT Competence Centres & EU Networks
AI, HPC, Cybersecurity

Acceleration Programs

Financing Groups & Investors

Hi-Tech Companies & Traditional Businesses

Public Companies & Services

Open Innovation Platforms & Programs

*KET – Key Enabled Technologies
*ADT – Advanced Digital Technologies

Co-funded by the European Union

COMMUNITY BUILDING

Mazovia EDIH Platform:

- information on a wide spectrum of Mazovian / Polish entities providing KET/ADT-based services
- information about the potential of KET-ADT/ADT solutions in relation to the needs of a specific company or sector
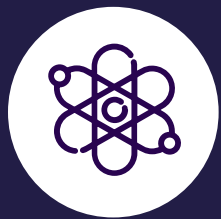
Matchmaking

- Bringing companies together to find solutions to defined challenges

Co-funded by the European Union

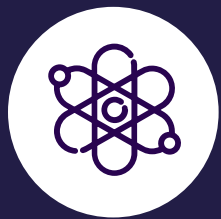Mazovia EDIH

SKILLS DEVELOPMENT

- ADT training (AI, HPC and cybersecurity tools)

- ADT industrial solutions training (AI, ML, IoT, cloud computing, VR/AR) for reorganizing manufacturing processes

- Training in soft management skills

- Training on regulatory requirements for digital technical solutions and verification methods

- On-the-job training to support the adoption and implementation of KET-ADT solutions

- Knowledge sharing sessions

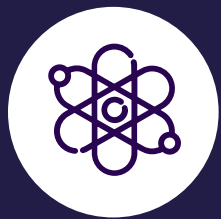Mazovia EDIH

TEST-BEFORE-INVEST

- Models of digitally enhanced KET-based equipment/products, processes and operations

- Prototypes of digitally assisted KET-based devices/products

- Customized, digitally assisted solutions based on KETs

- Computational applications and algorithms for embedding ADT solutions into KET-based products

- Computational applications and algorithms based on AI techniques, cybersecurity protocols or HPC methods for various application areas

Mazovia EDIH

TEST-BEFORE-INVEST

- Criteria for the procurement of subcontractors for materials, components, systems or services in the development and production stages of a KET-ADT/ADT product

- Evidence of the environmental impact and overall effectiveness of KET-based products, processes or services

- Evidence of the benefits of programmable digital hardware systems

- Methods for implementing, launching and operating digitally enhanced industrial solutions based on KETs

- Advanced and high-precision process quality control methods

Mazovia EDIH

TEST-BEFORE-INVEST

- Compliance of KET-ADT device/equipment with national/EU/international regulations and standards

- Evidence of the innovation and market potential of KET-ADT/ADT products and the company's ability to innovate digitally within this market

- Reports/action plans with recommended paths to support digital transformation and increase its digital maturity

- Action plans for further development of digital maturity

- Reports on actions for systemic digital transformation of economic sectors/value chains, based on an assessment of their digitization needs.
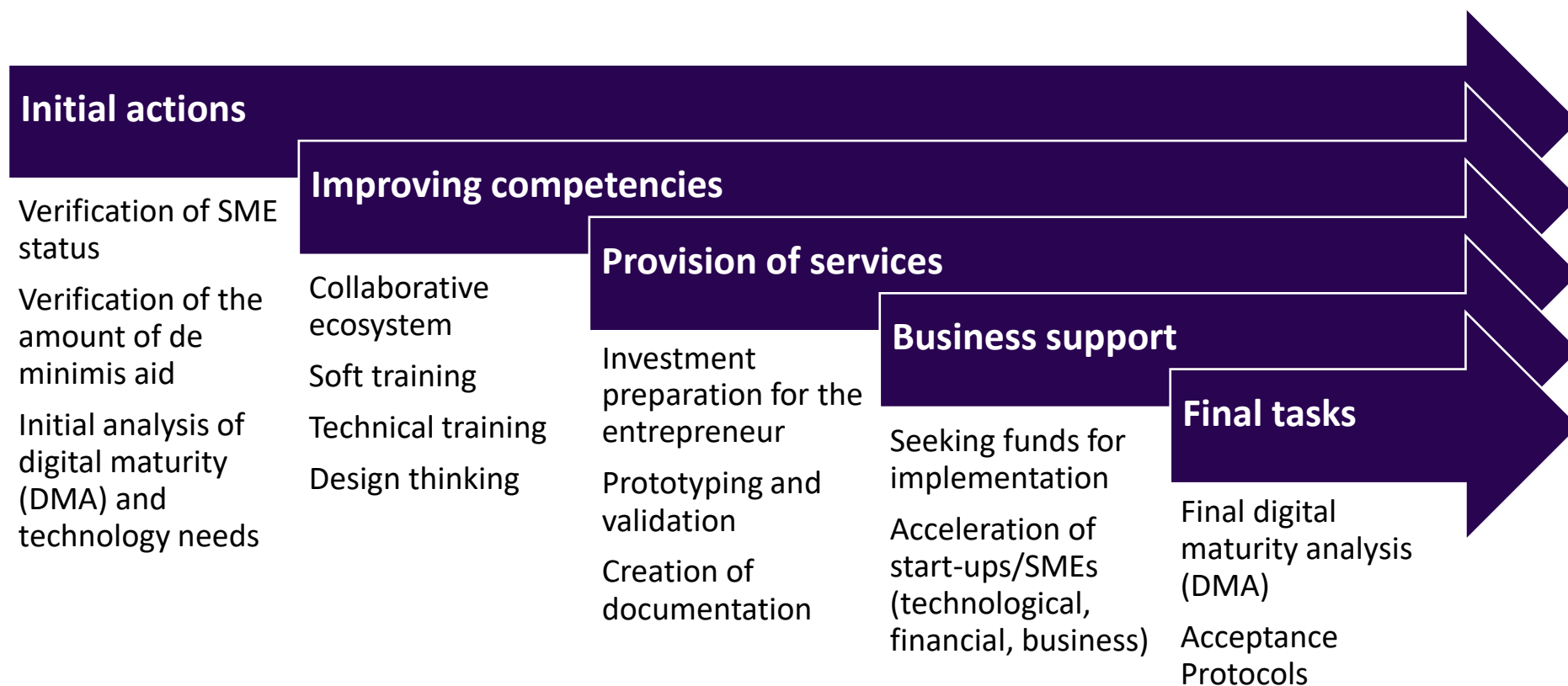
Mazovia EDIH

BUSINESS SUPPORT

- Determinants, risks and probability of financing/financing of a defined investment or R&D project

- Direct contact between companies and investment funds supporting digitization and digital innovation projects

- Acceleration of start-ups/SMEs based on Mazovia services (technological, financial, business services)

- Sources of funding/funding, including the required business plan and other documents to effectively demonstrate the market potential of the project and the conditions for its sustainability

Mazovia EDIH

PROJECT PARTICIPATION (Q1 2024)

Initial actions

Verification of SME status

Verification of the amount of de minimis aid

Initial analysis of digital maturity (DMA) and technology needs

Improving competencies

Collaborative ecosystem

Soft training

Technical training

Design thinking

Provision of services

Investment preparation for the entrepreneur

Prototyping and validation

Creation of documentation

Business support

Seeking funds for implementation

Acceleration of start-ups/SMEs (technological, financial, business)

Final tasks

Final digital maturity analysis (DMA)

Acceptance Protocols

Mazovia EDIH

Mazovia EDIH

edih@piap.lukasiewicz.gov.pl

Co-funded by
the European Union