

## EDIH AICS.

EUROPEAN DIGITAL INNOVATION HUB Artificial Intelligence & CyberSecurity



## Improve your daily activities with EDIH-AICS!









Baden-Württemberg
 Ministerium für Wirtschaft,
 Arbeit und Tourismus

## **EDIH-AICS: Facts and Figures**

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## EDIH AICS.

EUROPEAN DIGITAL INNOVATION HUB Artificial Intelligence & CyberSecurity

### Fields of Action

Test before Invest: access to AI &Cybersecurity labs, demonstrators & use cases AI Trainings Support to find Investment Innovation Ecosystem & Networking



### **Project Data** 02/2023 - 01/2026 50% EU-Funding

**Target groups** SMEs Public Institutions Large Mid-Caps



### Partners

10 Core Partners 106 regional Associated Partners International Cooperations











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## **EDIH-AICS: Structure**



	Test before invest	Skills and Training		upport to find westment	5
Production	Main Topic: AI Engineering	Core Partners: IOSB, HKA			<b>FZ</b>
Energy	Main Topic: Zero Emission		Core Partne KIT, ZSW	) 🗾 Fi	
Mobility	Main Topic: Future Mobility		Core Partne FZI	r:	
Commerce/ Service	Main Topic: Sustainable Busines	s Models	Core Partne	r:	
Public sector organizations	<b>Main Topic</b> : Digital Citizenship F	Participation	Core Partne TRK, CAS	IS:	Karlsruher Insti
	Innovation Ecosyst	em and Netwo	orking		CA
	Core Partners: DIZ a Regional & Europea				





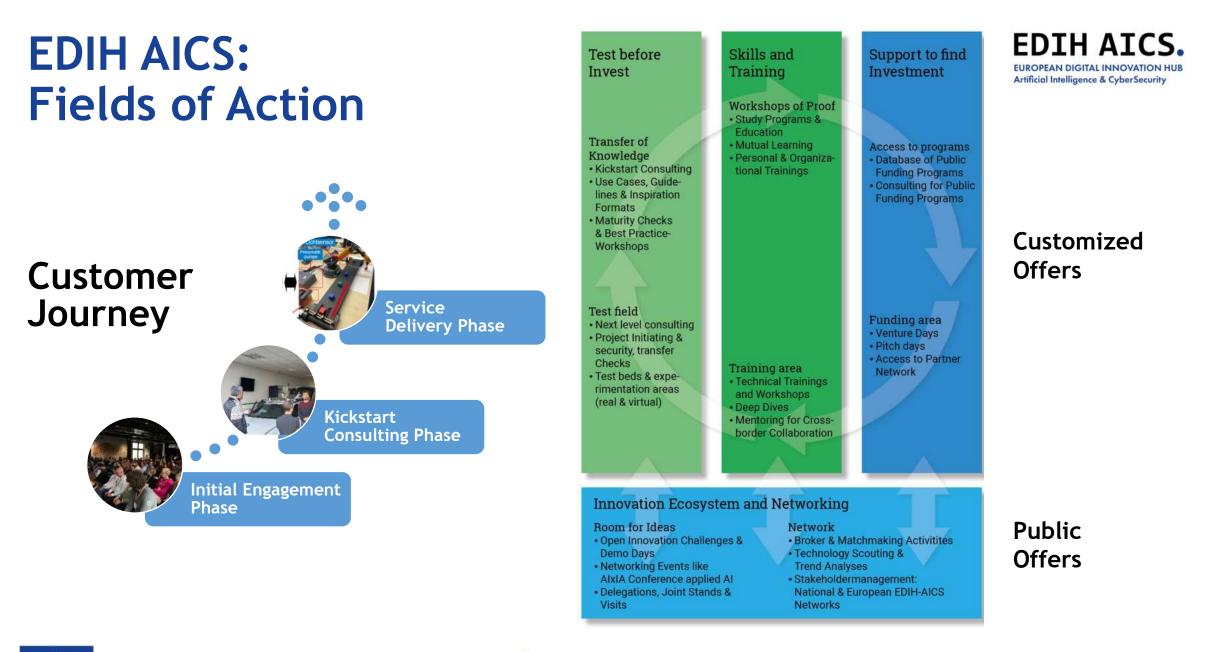






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Baden-Württemberg Ministerium des Inneren, ない für Digitalisierung und Kommunen Karlsruhe



#### Co-funded by the European Union





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### Test before Invest

Skills and Training

## Transfer of Knowledge

- Kickstart → Next Level AI
  Consulting
- Guidelines & Demonstrators
- Inspiration Formats
- Maturity Checks DMAs,
  Cybersecurity Checks
- Best Practice-Workshops

## Test field

- Test beds & experimentation areas (real & virtual)
- Dedicated Use Cases
- Conception /Co-creation
  - Workshops

### Support to find Investment

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### Examples

- Use cases: Green Cloud for AI, Voicebots in Customer Service, AI Revolution, the future of AI Intelligent compressed air supply, AI in the Q&M of wind turbines ...
- Inspiration Formats: Lab Guided tours at House of Living Labs FZI, Fraunhofer, KIT, Smart Production Park
- Checks: Digital Maturity, Cybersecurity
- Workshops: AI-Use case Workshops, Data strategy Workshops, Language Models





**Innovation Ecosystem and Netwo** 

## Learning area

- Study Programs & Education (practicum, Internships)
- Mutual Learning formats
- Personal & Organizational Trainings in AI & Cybersecurity

### Training area

 Technical Trainings and Workshops

Skills and

Training

Deep Dives

Test before

Invest

- Mentoring for Crossborder
  - Collaboration

**Innovation Ecosystem and Netwo** 

Support to find Investment EDIH AICS. EUROPEAN DIGITAL INNOVATION HUB Artificial Intelligence & CyberSecurity

#### Examples

- Roundtables: "Artificial Intelligence engineering and its impact on business", "Cybersecurity for Critical Infrastructure", "The future of the cloud - competitive advantage Gaia-X and Open Source?"
- Trainings: Introduction in AI, Python for Machine Learning, The role of psychology in the development and application of AI, Creation of AI-generated images
- Study Programs: Supervision of master's and bachelor's theses on topics of AI and CS, Student internships





### Access to programs

- Database of Public Funding Programs
- Consulting for Public Funding Programs

### Funding area

- Venture Days
- Pitch days

Test before

Invest

• Access to Partner Network

Skills and

Training

Support to find Investment

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#### Examples

- **Consulting:** 1:1 Consulting with SMEs & PSOs, Webinars on funding opportunities
- Database of funding possibilities

Innovation Ecosystem and Networking





## Room for Ideas

- Open Innovation Challenges
- Demo Days
- Networking Events
- AlxIA Conference applied AI
- Delegations, Joint Stands & Visits

### Test before Invest

Skills and Training

## Network

- Broker & Matchmaking
  Activitites
- Technology Scouting
- Trend Analyses
- Stakeholdermanagement
- National & European EDIH-

AICS Networks

Support to find Investment

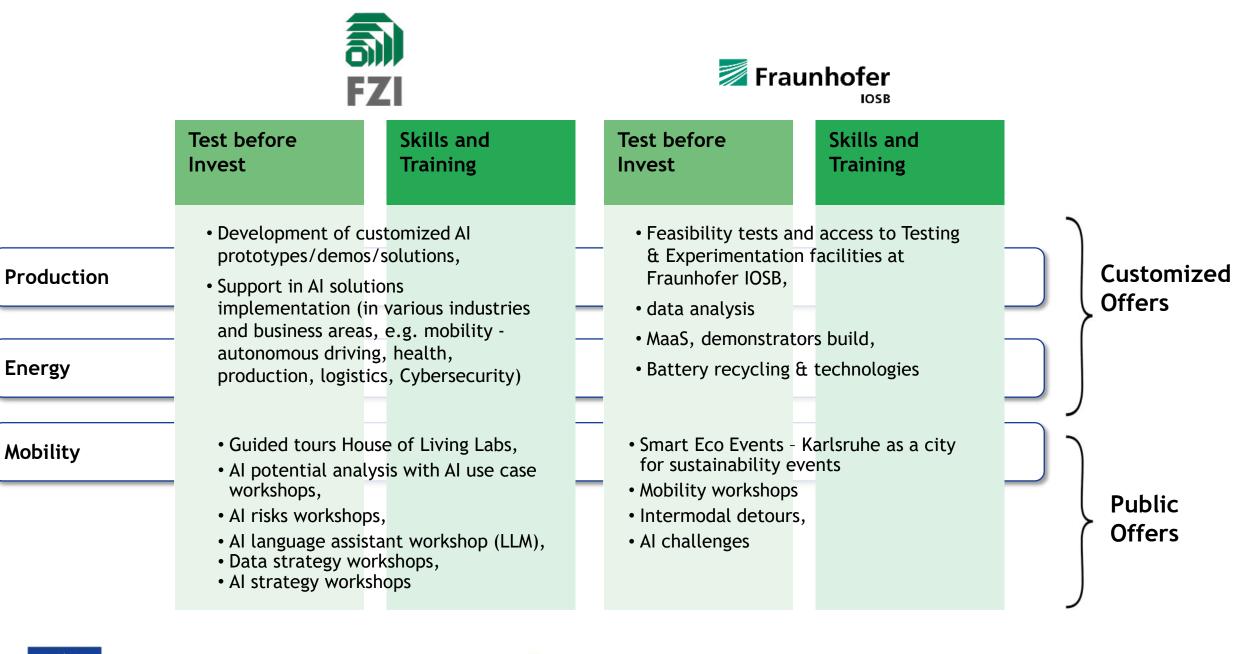
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#### Examples

- Conferences: AlxIA
- Matchmaking events
- Pitch events

**Innovation Ecosystem and Networking** 



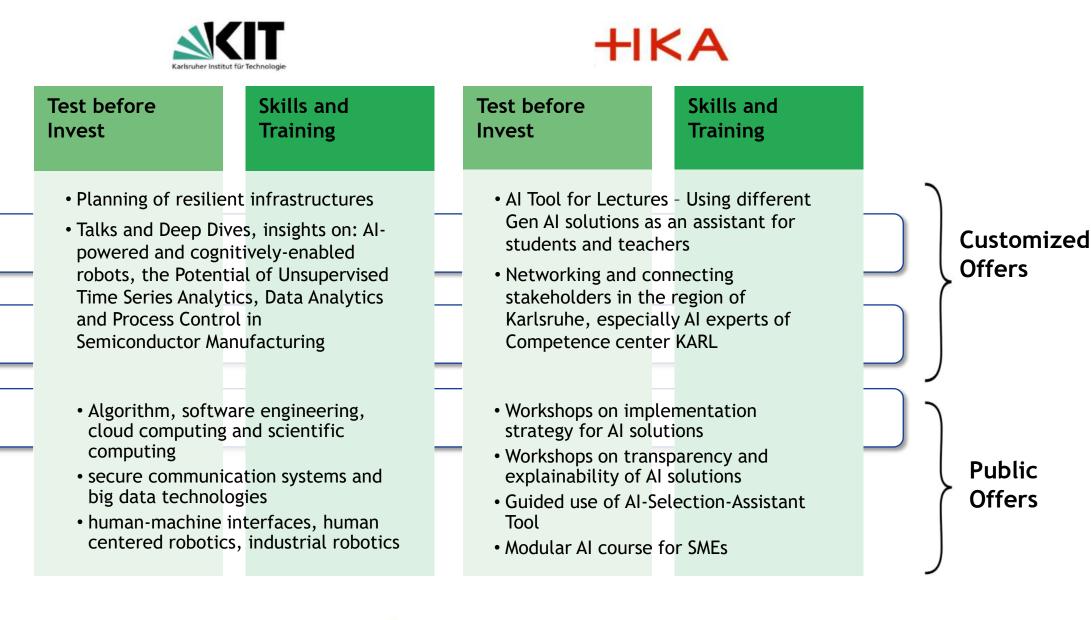


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Production

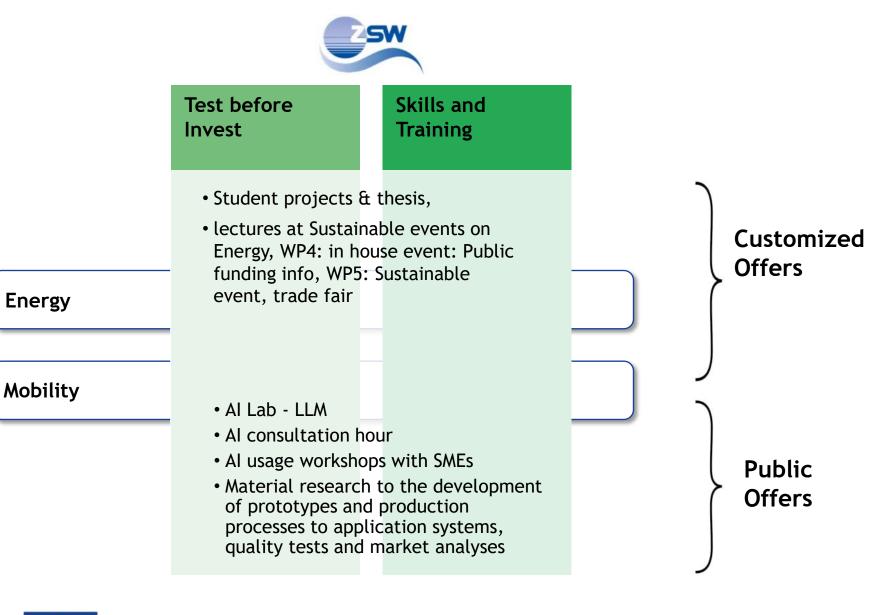
Energy

Mobility





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Test before Skills and Training

 Administration academy: Al in practice

Invest

 workshops and events focused on AI implementation, competencies for Al, and Al security (e.g. 'Demystifying AI: Empowering Decision Makers in the Future of Business', 'Al in Art')

#### Administration/ Municipalities

Mobility

- Customer journeys, integrating: individual workshops on AI, seminars and presentations, customized for public institutions (e.g. schools, district offices) and SMEs
- Hands-on direct consulting for public institutions such as schools

Innovation Ecosystem and Networking

- Neo Preis
- Regional Conference on Mobility
- Public Administration Network communications
- International Delegations
- Joint Stands and informations
- Inspiration formats on Digital Transformation
- Mutual Learning formats, supporting the Public sector to include AI trends.
- Supporting public administration in the digital journey

Customized Offers

Public Offers







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Support to find Investment

#### Innovation Ecosystem and Networking

Customer Journeys:
 1. Al Consulting, Digitalisation Projekte,
 Al readiness checks (DMA), Needs
 analysis,

2. Cooperation with experts in Altechnical consulting, 3. workshops

- 101: Al- workshops with companies
- Funding consulting
  - Inspiration tours Smart Production Park- demonstrators and prototypes-Production
- Al training (beginners),
- Soft Landing event, Al Events
- Matchmaking Investors events,
- Brokerage Events

Support to find Investment Innovation Ecosystem and Networking

- Administration academy: Al in practice
- workshops and events focused on Al implementation, competencies for Al, and Al security (e.g. 'Demystifying Al: Empowering Decision Makers in the Future of Business', 'Al in Art')

Matchmaking

- Support and growth of the EDIH-AICS Innovation ecosystem
- Cross-border cooperation
- DIZ Cover
- Trade Fairs and Pitch Events
- AlxIA

Customized Offers

Public Offers



Commerce/

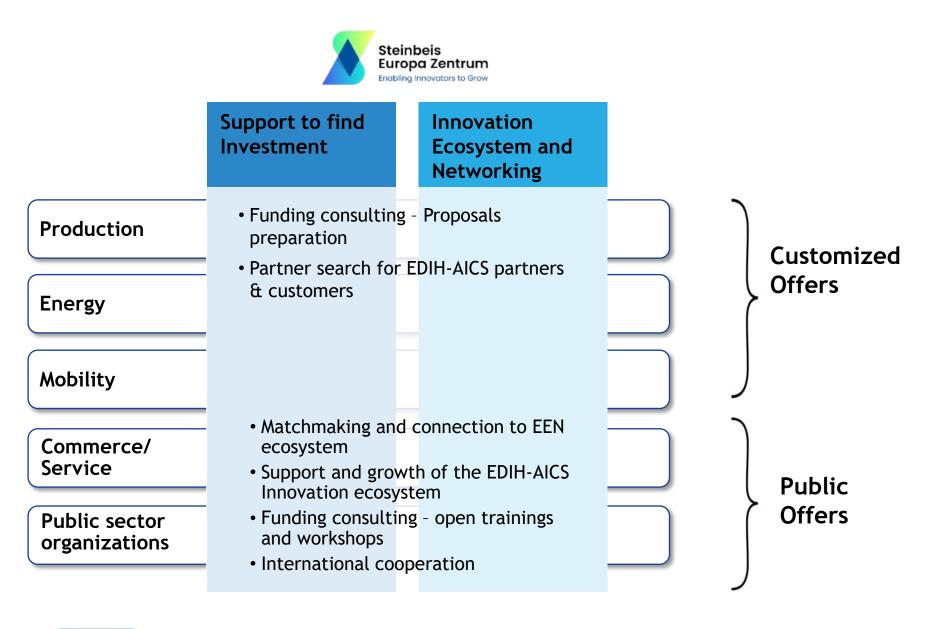
Production

Service















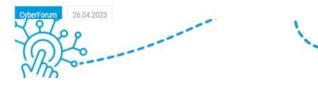


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## **EDIH-AICS: Success Stories Production**

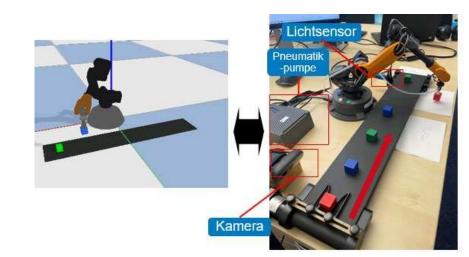
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InnovationJourney - die Reise zur digitalen Innovation





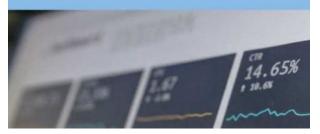




Fraunhofer	Smart
IOSB	Ractory
Smart Factory V	



ML4P - VORGEHENSMODELL MACHINE LEARNING FOR PRODUCTION



Cooperation for Climate Actions supported by Artificial Intelligence & Cybersecurity:

Climate Coaches
 Sustainable Bussiness Models
 Future Mobility
 Events, Workshops, Trainings

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## **EDIH-AICS: Success Stories Energy**



Al-ToolsUse CasesWorkshops & LecturesImage: Description of the second of the











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## **EDIH-AICS: Success Stories Mobility**





Automation of technical systems

- Automation of e.g. industrial trucks, goods handling, cars, buses & shuttles, micromobility
- Access to Real-world laboratories such as FZI Living Lab Future Mobility (LLFM) and Test Area Autonomous Driving Baden-Württemberg (TAF-BW)
- Simulation, sensortests, Humanmachiene interaction

#### Automation & new logistics concepts

- Use of automation and logistics expertise
- Implementation of new concepts such as cargo-tram-train or joint goods and passenger transport in shuttles
- End-to-end digitalisation and interfaces to backend systems and services



#### Logistics & Planning

- Conception and simulation of logistics processes
- Planning efficient logistics systems from intralogistics to yard management, last mile and longdistance lorry transport
- Flexible planning to adapt to new framework conditions









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# Join us!

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