

European Digital Innovation Hub in Kharkiv

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HANNOVER MESSE
“Reconstruction of Ukraine:
new opportunities through
digital transformation”

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Who we are?

Eastern Ukraine EDIH Candidate



Kharkiv IT Cluster

The most influential IT community of Ukraine with 600+ members and partners united



National Aerospace University "KhAI"

Excelling in both high-tech aerospace sector and cutting-edge digital technologies



NURE

Kharkiv National University of Radio Electronics

Recognized for its advanced expertise in digital technologies



Municipal Institution "Kharkiv Office of Reform"

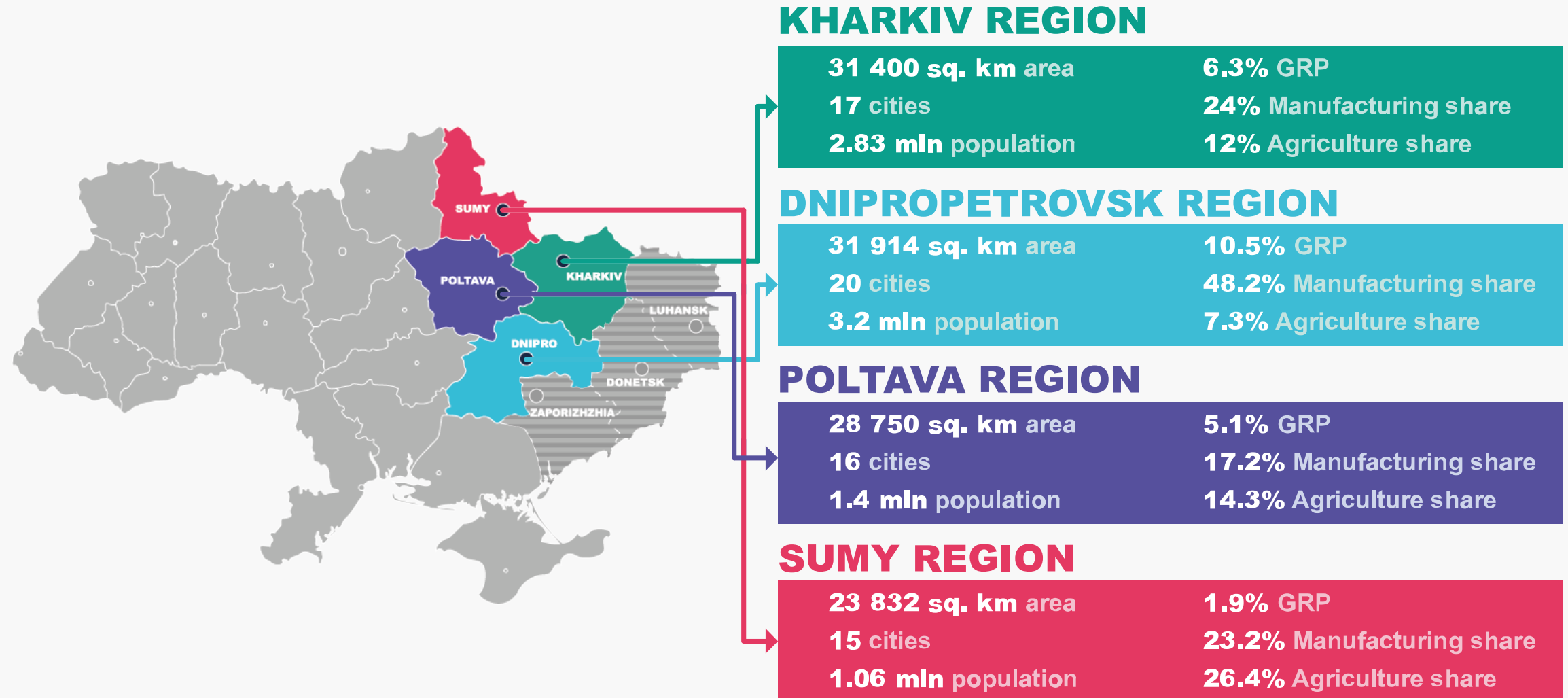
Entrepreneurship development, and enhancing social well-being



Cyber Diia Platform

Aimed at developing a resilient and safe digital future of Ukraine

Eastern Ukraine EDIH geographical coverage



Eastern Ukraine EDIH mission

- Drive the **digital and green transformation** processes in Eastern Ukraine
- Focus on **vital economic sectors** to support local economic during-the-war survival and post-war recovery
- Nurture **smart-city initiatives** to enable a safe and comfortable living environment for local population
- Facilitate **sustainable practices** implementation of & environmental impact reduction
- Foster **internationalisation** of supply chains
- Contribute towards EU-Ukraine **integration**



Manufacturing



Agriculture

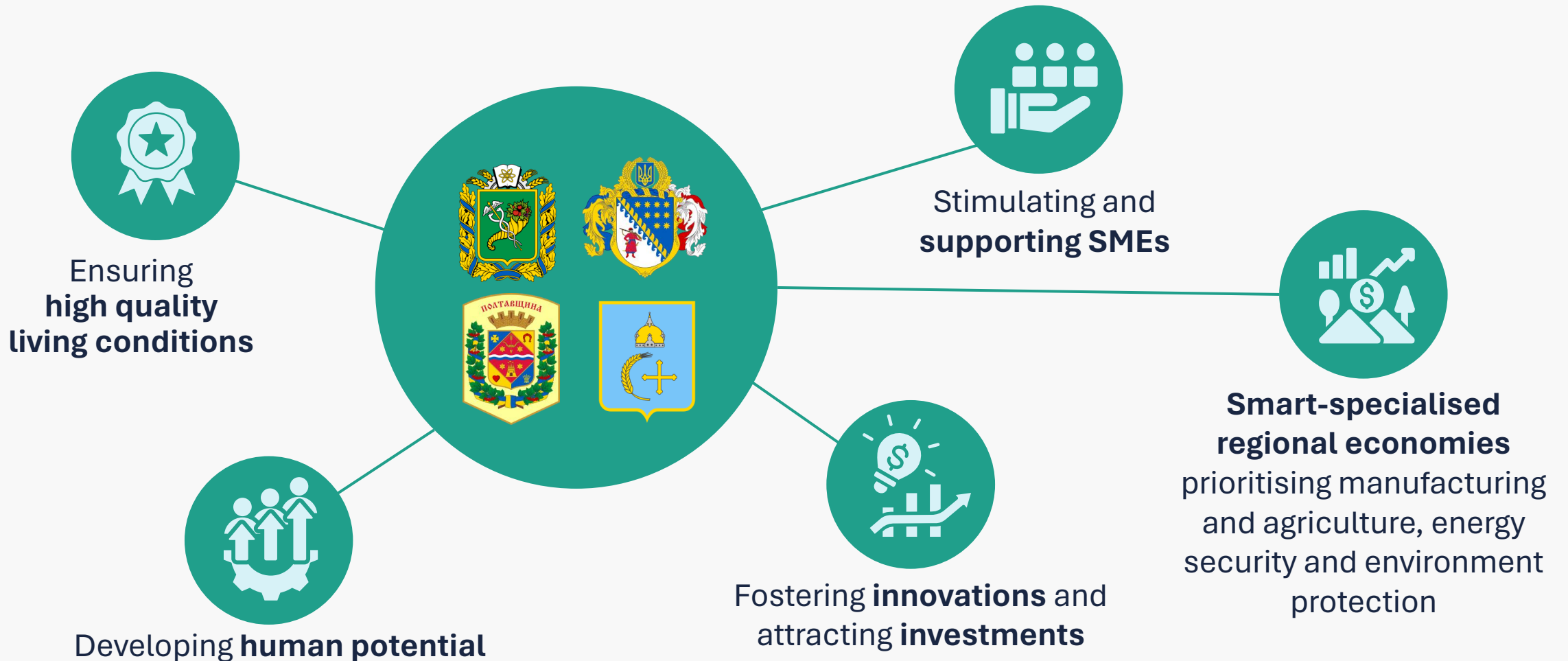


Energy



Smart City

Eastern Ukraine EDIH focus alignment with Regional Development Strategies 2021-2027



New reality: challenges and opportunities

Manufacturing Industry revitalization:
Spring-in with digital technologies for growth and resilience



Energy sector transformation:
Driving digital technologies for sustainable energy supply to homes and businesses



Agriculture efficiency and safety:
Adopting digital technologies for productivity and worker safety



New reality: challenges and opportunities

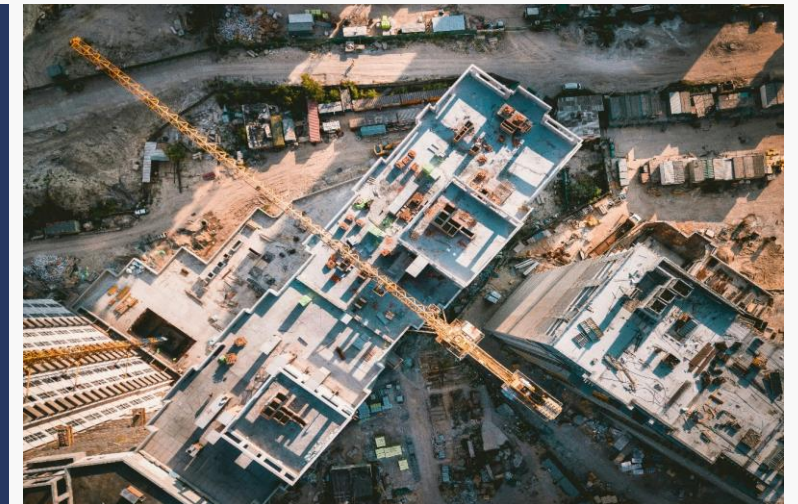
Supporting entrepreneurship:

Empowering new ventures to become more efficient and resilient in the face of ongoing and post-war environment



Bringing refugees back home:

Rebuilding communities and cities towards safe and comfortable living environment



Growing a digital workforce:

Investing in reskilling/upskilling to tackle workforce shortage and utilize temporarily displaced persons' potential



**What would
we like to do?**

One-stop-shop of digital transformation services

Pillar I: Test Before Investing

- Digital transformation roadmapping services
- Technical consultation on digital technologies
- Validation, prototyping or demonstration projects

Pillar II: Training and Skills Development

- Digital transformation awareness-raising events
- Short-term training courses on digital technologies
- Intensive training courses on digital technologies

Pillar III: Support to Find Investments

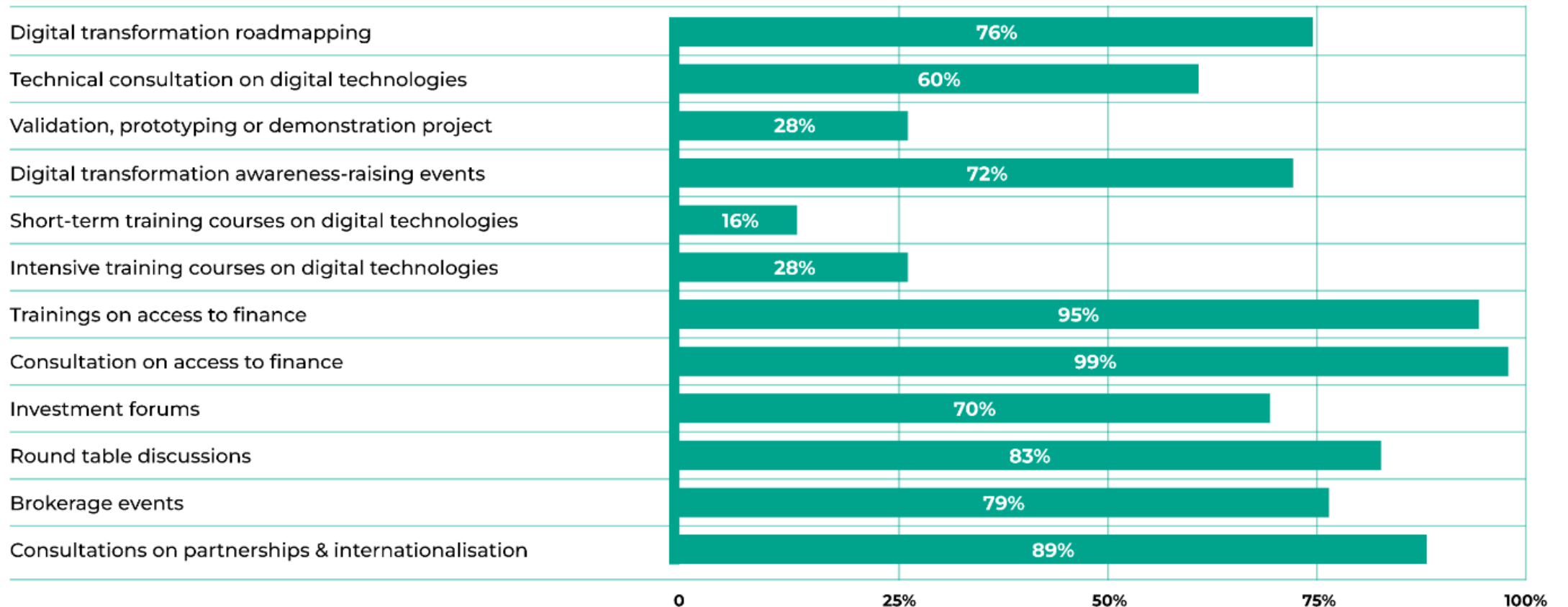
- Trainings on access to finance
- Consultation on access to finance
- Investment forums

Pillar IV: Networking and Access to Innovation Ecosystem

- Round table discussions
- Brokerage events and company missions
- Consultations on partnership building and internationalisation

What services could be useful for your company in planning or implementing digitization projects?

Based on Results of a survey of companies and enterprises in Kharkiv, Poltava, Dnipro and Sumy regions, March 2024, 160 respondents



Eastern Ukraine EDIH clients

EDIH Operation principles



Accessibility of services



Empowerment of clients

KHARKIV REGION

22,6k SMEs
1215 mid-caps

56 admin. communities
1,85 mln workforce

DNIPROPETROVSK REGION

27,8k SMEs
1298 mid-caps

86 admin. communities
2,13 mln workforce

POLTAVA REGION

10,3k SMEs
600 mid-caps

60 admin. communities
580k workforce












SUMY REGION

5,6k SMEs
378 mid-caps

51 admin. communities
533k workforce

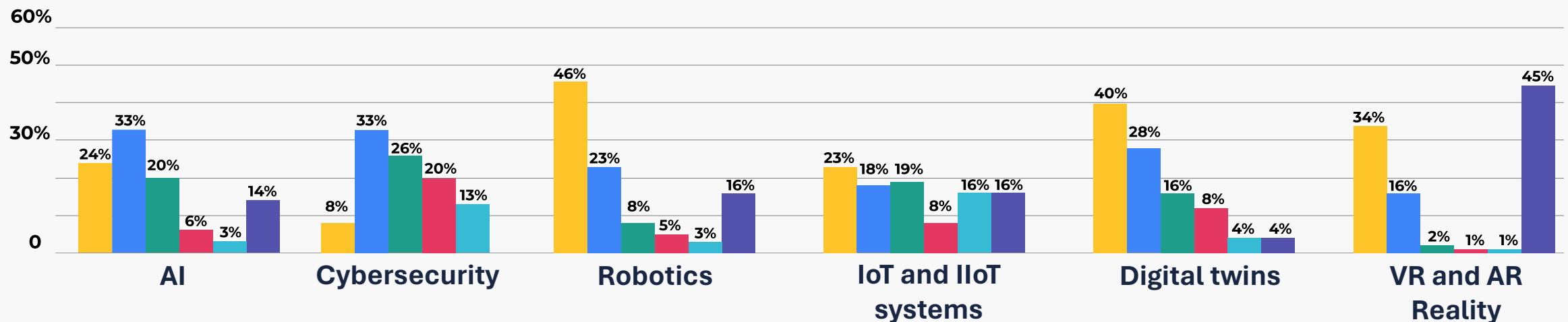
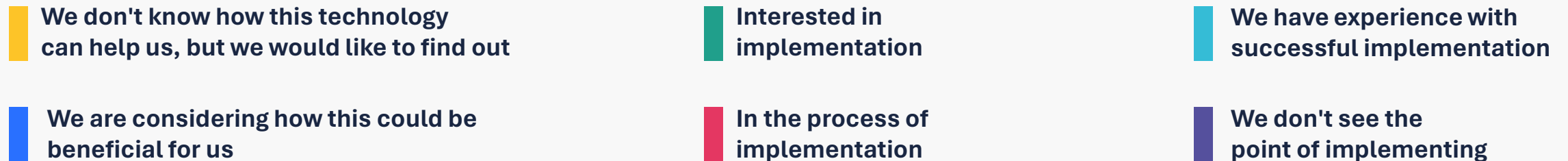
Eastern Ukraine EDIH technology scope

Eastern Ukraine EDIH`s sectors & technologies

		 Manufacturing	 Agriculture	 Energy	 Smart City
Digital Technologies	 Artificial intelligence	●	●	●	●
	 Cybersecurity	●	●	●	●
Other Technologies	 IoT and IIoT systems	●	●	●	●
	 Industrial robotics	●			
	 Autonomous robots	●	●	●	●
	 Digital Twins	●	●	●	●
	 VR and AR reality	●			●

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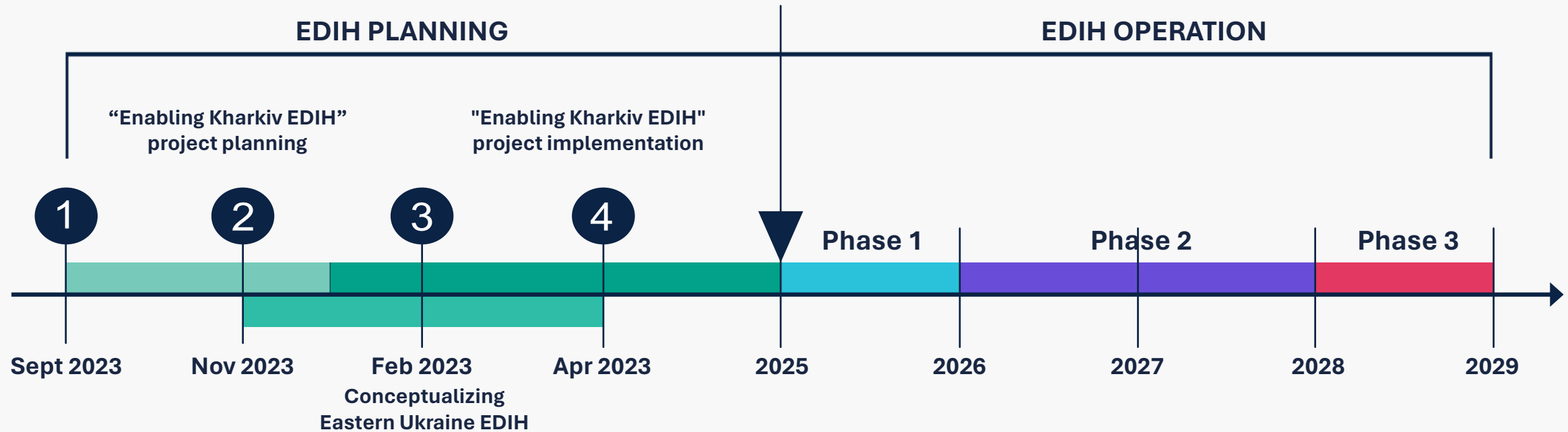




**Where are we?
What do we have?**

EDIH initiative maturity and background

Launch of Eastern Ukraine EDIH



1. Kharkiv EDIH idea originating
2. Creation of Eastern Ukraine EDIH consortium
3. Designation of Kharkiv IT Cluster as a candidate entity
4. Submission of proposal to DIGITAL-2023-EDIH-04-ASSOCIATED call

Phase 1 Services & activities deployment

Phase 2 Services & activities scaling up

Phase 3 EDIH sustainability planning

Digital knowledge, competencies and facilities

EXPERTS

15+ Professors
50+ Associate Professors
in EDIH's technology
scope fields

LABS AND FACILITIES

for cybersecurity,
IoT and IIoT, industrial
and autonomous robotics,
AR/VR

TRAINING PROGRAMMES

50+ PhD,
MSc, Bachelor programmes,
25+ vocational training courses
on digital technologies



Fundraising skills, experience and connections



KHARKIV
OFFICE OF
REFORM

Kharkiv Office of Reform

Strong expertise in
grant writing and fundraising

300+ partners among
international funding providers

150+ million Euro raised for
Kharkiv projects after 24
February 2022



National Aerospace University "KhAI"

Secured **3.6 million Euro** in
EU FPs, **ranking 2nd among** all
Ukrainian organisations and
1st among Ukrainian
universities.

Operated H2020 NCP for
Smart, Green and Integrated
Transport in 2012-2018



Kharkiv IT Cluster

Strategic partnerships with
national, regional and local
governmental authorities,
banks and investors.

Extensive experience in
securing investments from
international organisations, e.g.
EBA, ZPP, EEPO, NRW.Global
Business, UBTA

Ecosystem building sustainable practices

Kharkiv IT Cluster

600+ members and partners united
110+ events for internal communities per year
4k+ participants gather at internal community events annually
70+ implemented projects in partnership with TECH companies, universities and authorities



Kharkiv Office of Reform

Kharkiv Business Hub front-runner
500+ local businesses in ecosystem
25+ local business events organized annually

EDIH ecosystem

DIGITAL TECHNOLOGY PROVIDERS



BUSINESS SUPPORT ORGANISATIONS



FUNDING PROVIDERS



POLICY MAKERS





**What will
our impact be?**

Eastern Ukrainian EDIH long-term impact: Facilitation of digital & green transformation of Eastern Ukraine vital economic sectors in Eastern Ukraine region



Eastern Ukrainian EDIH deliverables and short-term impacts

Short-term impact #1: Access to digital transformation expertise & services

- **40** digital transformation roadmaps
- **100** technical consultations
- **12** validation, prototyping and demonstration projects

Short-term impact #2: Addressing digital skills gap

- **25** awareness-raising events (**1000+** participants)
- **20** short-term training courses (**500+** participants)
- **8** intensive training courses (**120+** participants)

Short-term impact #3: Access to funding opportunities

- **8** training courses
- **100** individual consultations
- **2** Investment Forums (**200+** participants)

Short-term impact #4: Establishing digital-minded & collaborative ecosystem

- **8** round-table discussions (**200+** participants)
- **8** brokerage events (**400+** participants)
- **4** company missions (**15+** companies)

Transversal short-term impact: Strengthening EDIH external collaborations at European level

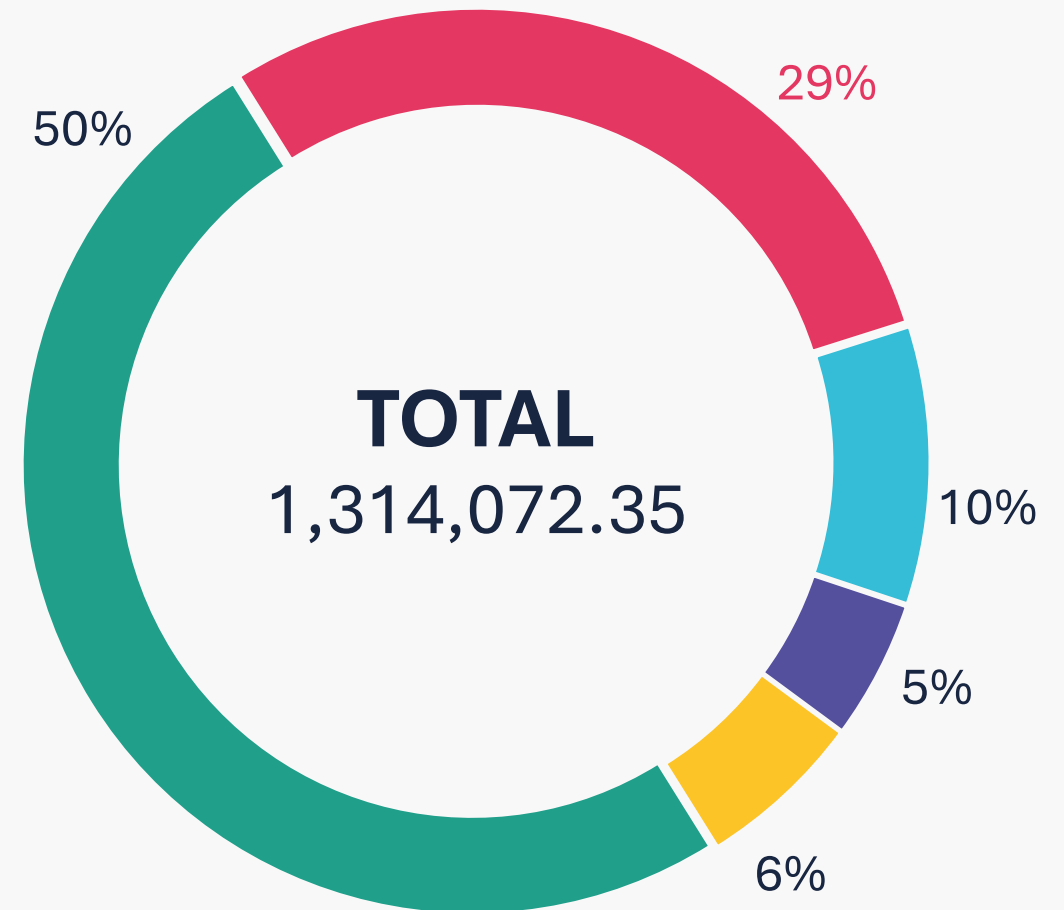
- **15+** community building and matchmaking events with other EDIHs
- **8+** best practices exhibition DTA events
- **75+** “train the trainer” DTA events
- **4+** joint events with EEN
- **20+** service cross-sell cases with EEN
- **15+** coordination events and activities at regional, national and European levels

What do we need?



Eastern Ukraine EDIH's 4-year revenue plan

Source of the financing	Target amount (in Euro)
Digital Europe	657,036.18
Competitive grants and donor's funding	382,532.74
National, regional, local co-financing programmes	130,000.00
Crowdfunding	65,000.00
50% coverage of EDIH's services by mid-caps	79,503.43





Thank you for your attention!

**Let's cooperate towards
Reconstruction of
Eastern Ukraine and Kharkiv**

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