

ITUEVENT

Accelerating Digital Transformation

*Building Vibrant ICT Centric
Innovation Ecosystems*

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Room C1, ITU, Geneva

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ITU REGIONAL INITIATIVE FOR EUROPE ON ICT-CENTRIC INNOVATION ECOSYSTEMS

SESSION 2

GOOD PRACTICES FOR ACCELERATING DIGITAL TRANSFORMATION

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Capacity building for Industry 4.0 challenges and strategies

Office of Electronic Communications



UKE

Office of Electronic
Communications



INDUSTRY 4.0

5G

IoT

**READY FOR
INDUSTRY 4.0?**

**25%
EXECUTIVES
HAVE THE
RIGHT
WORKFORCE**



**DIFFERENT
PERSPECTIVES:
EXECUTIVES
POLICY MAKERS
PARENTS**

EDUCATION

SUSTAINABILITY

SOCIAL MOBILITY



UKE | Office of Electronic Communications



CHALLENGES OF PROGRAMMABLE WORLD

HUMANS

BOTS



STRATEGIC THINKING

CURRENT EMPLOYEES

FUTURE WORKFORCE

CHILDREN



**STRATEGY OF
RESPONSIBLE
DEVELOPMENT**



**INITIATIVE FOR
POLISH
INDUSTRY 4.0**

**NATIONAL
CENTERS OF
COMPETENCIES
FOR
INDUSTRY 4.0**



Capacity building for Industry 4.0 challenges and strategies

GOOD PRACTICES FOR ACCELERATING DIGITAL TRANSFORMATION

INCUBATORS OF INDUSTRY 4.0 LEADERS



Innovation Track @ WSIS Forum
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UKE

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**CODING WITH
UKE**



I CLICK SENSIBLY



THE FUTURE STARTS NOW

Capacity building for Industry 4.0
challenges and strategies

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DIGITAL TRANSFORMATION

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@ WSIS Forum

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Capacity building – early education for Industry 4.0

UKE, Poland, Digital competencies for Industry 4.0

• Name / Organization • Country • Tagline, 1-3 sentence description



Guiding Innovation Dynamics

X

Indicate main focus area / type



Building Innovation Capacity

X



ICT Integration into Key Sectors

GOVERNANCE

- The President of the Office of Electronic Communications is a regulatory authority responsible for telecommunications and postal activities, frequency resources management and compliance with criteria relating to electromagnetic compatibility.

• Organiz. structure • Management & Institutional framework • Competencies

KEY ACTIVITIES

Main tasks of the President of UKE:

- regulation, analysis and monitoring of the telecommunications market,
- regulation and control of radio spectrum,
- regulation of numbering resources,
- regulation and control of electromagnetic compatibility,
- regulation, analysis and monitoring of the postal market.

UKE is responsible for issues related to building digital competencies, therefore it runs many educational campaigns, including these dedicated to youth and children. Our goal is to teach how to use the available tools and technologies.

• Mechanisms • Processes • Activities • Events

GOALS

- **Our Mission** is to provide citizens with access to modern telecommunications and postal services in a developing market and dynamic international environment.
- **Our Vision** is to act as an impartial, professional and credible moderator of market developments, working with understanding of societal needs and rules of the business sector functioning.

• Objective • Target stakeholders • Desired outcome for ecosystem

RESOURCES

- UKE carries out its tasks specified in Telecommunications Law in cooperation with relevant administrative bodies, international organisations and stakeholders.
- The activities of UKE are financed from the state budget.

• Financial • Non-financial • Sources • Partners

ACHIEVEMENTS

- **Coding with UKE** – programming learning for children. It is a campaign focused on supporting the development of digital competences among children by teaching them the basics of coding. Coding classes have been organized for 700 children from primary schools so far.
- **“I click sensibly”** – campaign addressed to primary school children, it responds to the ever-growing scale of the challenges faced by young users of mobile devices. Only in 2017 UKE experts conducted approximately 1500 lessons for over 41 000 children.

• Results • Evidence of impact • Scalability • Replicability