



EDIH-Silesia

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Fundusze  
Europejskie



Rzeczpospolita  
Polska

Dofinansowane przez  
Unię Europejską





„We went from the Flintstones to the Jetsons in nine months“

- Dan Schulman

„It is not the strongest of the species, nor the most intelligent that survives. It is the one that is most adaptable to change“

- Charles Darwin

# In flux – our changing reality



**1980/90** – 8 phones per 100 inhabitants

**2000** – Nokia 3310 – **2013** – 100% penetration rate

**2007** – iPhone – **2020** – more phones than people



**1991** – Poland officially gets access to the Internet

**2021** over 80% of people in Poland use the Internet (over 65% of world population)



**1990** – first payment cards in Poland

**2023** – 45 milion payment cards in Poland

92% of the world's currency is digital

# Brief history of price trends

Apple's first hard drive was introduced in 1981 at a price of **3500 \$**.

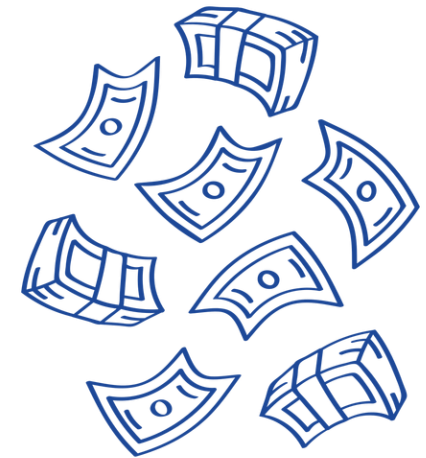
**1981** – price of 1 GB of space - 700 000 \$

**1991** – 7000 \$ – 100 x less

**2001** – 7 \$ - 1000 x less

**2009** – 1TB hard drive - price of 1 GB of space - 7 cents

Within 30 years, the price of 1 GB has fallen 10,000,000 times



# About Katowice Special Economic Zone

Established in 1996 in order to:

- support and advance restructuring processes
- generate employment in the region
- generate positive economic growth
- support the businesses operating in and around the Zone



Leader among Polish Zones

600 business entities

(main: GM, Fiat, NGK Ceramics, Brembo, Isuzu, Capgemini, Electrolux, TRW Poland)

25 companies – chemical industry

# About EDIH-SILESIA

European Digital Innovation Hub - a cooperation platform between BSOs, R&D institutes and universities, that support digital transformation processes in companies and public sector organizations.



Automation and robotics (AI and machine learning)



Cybersecurity



Additive manufacturing and new materials for 3D printing



One-stop-shop – Customer care, trainings, advice, getting the customer ready for digital transformation



# EDIH-Silesia Consortium

## LEADER:

Katowicka Specjalna Strefa Ekonomiczna S.A.  
(Katowice Special Economic Zone)

## PARTNERS:

Silesian University of Technology

Regional Development Agency Bielsko-Biala

Upper Silesian Accelerator for Commercial Enterprises

Łukasiewicz Research Network:

Institute of Innovative Technologies EMAG

Upper Silesian Institute of Technology

Institute of Non-Ferrous Metals



# How it works

## **First contact**

One-stop-shop KSEZ

Online Digital Maturity Assessment  
(EC requirement)

Selection of services from the EDIH  
Silesia offer

## **Training**

"Digital technologies in SMEs, SMEs in the  
digital world".

## **Digital Transformation Roadmap**

Condition diagnosis

Identification of opportunities

Digital business model of the company

Action plan and projects

## **Specialized services in robotics, automation, cyber security, 3D printing**

Technical consultancy

Training

Demonstration and testing

## **Support in preparation for implementation**

Analysis of available public support  
instruments

Advice on financial engineering

Cooperation with entities preparing  
applications

Networking with technology providers



# Join our digital adventure...

...and you get access to:

- Solutions offered by more than 40 industrial technology suppliers and integrators, associated in the **Silesia Automotive & Advanced Manufacturing Cluster**, who disseminate their experiences in implementing digital transformation processes
- Our consortium partners' offer
- Digital competences and solutions in: robotics, automation, cyber security and additive manufacturing technologies
- Various funding opportunities under public support instruments
- Support of our experts





 **Silesia  
Smart Systems**

Thank you!

**EDIH** | European  
Digital Innovation  
Hubs Network



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