Crobohub.AI

From business challenges to AI solutions

Lessons from CROBOHUB++ and new opportunities with Crobohub.AI

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Gospodarska zbornica Dolenjske in Bele krajine
Del sistema Gospodarske zbornice Slovenije

PROJEKT SRC-EDIH 2.0
DEL MREŽE EDIH European Digital Innovation Hubs Network
SOFINANCIRANJE Sofinancira Evropska unija
REPUBLIKA SLOVENIJA MINISTRSTVO ZA NOTRANJE ZADEVE IN JAVNO UPRAVO
Sufinancira Europska unija

AI adoption starts with a business problem

Three barriers: unclear use cases · data quality · people and change

**“We have data and ideas.
But what should we test first?”**

TECHNOLOGY

Is it feasible?

BUSINESS

Does it create value?

READINESS

Can we deploy it?

Our approach: a short path from idea to evidence

Test before invest — structured collaboration between researchers and businesses

01

DISCOVER

Clarify the process, data and business case

02

ASSESS

Check readiness, risks and infrastructure

03

PROTOTYPE

Adapt AI to a real use case

04

VALIDATE

Measure performance and limitations

05

SCALE

Plan integration, ownership and next steps

Three lessons that transfer across borders

What worked — and what we would do differently

01 Go deep, not just wide

Multi-step engagement creates clearer business outcomes than isolated workshops or demonstrations.

02 Measure honestly

Report performance, data gaps, real operating conditions and negative results.

03 Connect the ecosystem

Connect researchers, businesses and technical expertise in a common process.

Technical skills we built through CROBOHUB++

From introductory AI literacy to specialist engineering and practical implementation

AI & MACHINE LEARNING

AI fundamentals · Machine Learning with Python
Reinforcement Learning

GENERATIVE AI & SOFTWARE

Large Language Models · Software development with AI
Practical AI tools and integration

DATA, ANALYTICS & COMPUTING

Statistics · Financial data analytics
HPC for AI/ML · Applied data workflows

SECURITY & ENGINEERING

NIS2 / cybersecurity · RF technologies
Sector-oriented technical upskilling

Applied AI: from research to real-world testing

Selected visual examples from previous CROBOHUB++ presentations



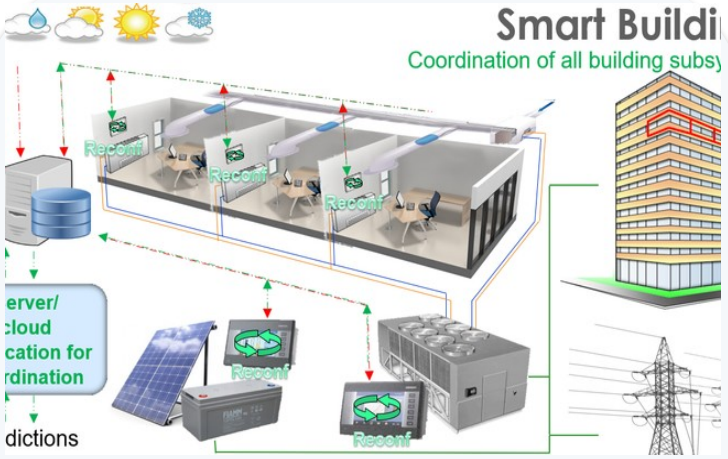
AUTONOMOUS LOGISTICS

Computer vision for warehouse navigation



PREDICTIVE AGRICULTURE

Sensor data and plant-growth models



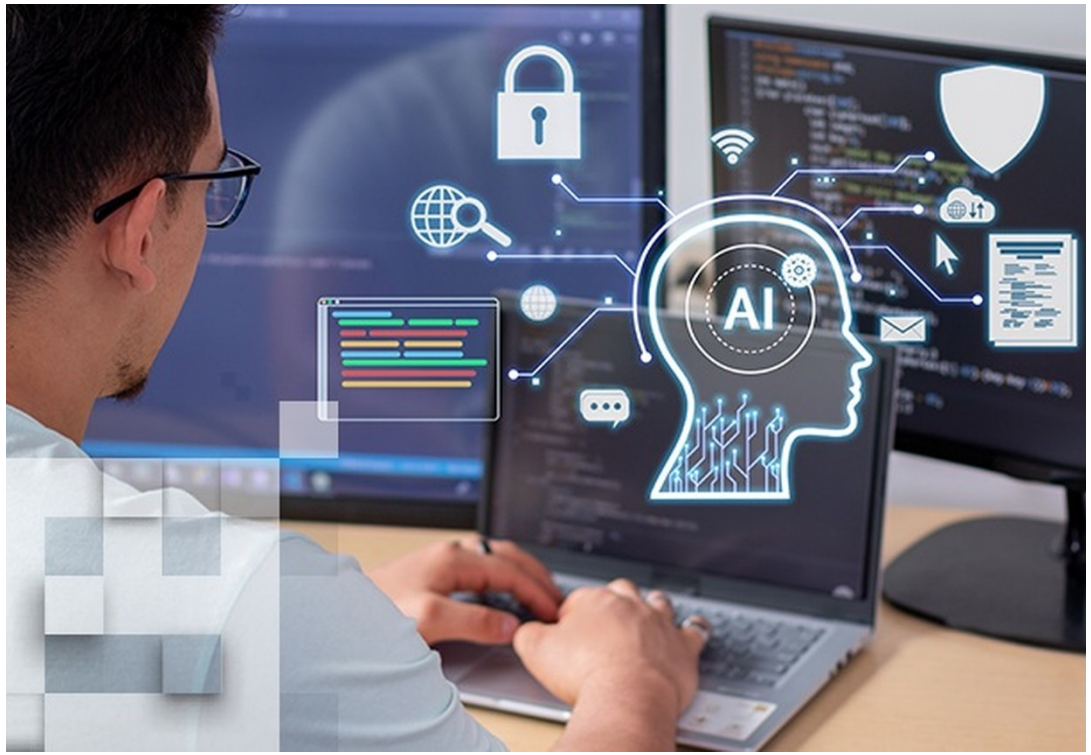
SMART BUILDINGS

Predictive control of energy systems

The common thread: validate data, feasibility and value before committing to scale.

From technical skills to AI adoption

Combining training and practical experimentation



01 Build capability

AI / ML · LLMs · Python · HPC · cybersecurity

02 Test on real data

Short technical sprints, a clear baseline and validation

03 Scale with evidence

Responsible deployment · clear ownership · next steps

A successful pilot changes a decision

Crobohub.AI: from digitalisation to applied AI

New three-year EDIH project: October 2026 – September 2029

INDUSTRY

Manufacturing
Energy
Agri-food
ICT

AI SERVICES

Readiness and data
Rapid PoCs and AI pilots
AI agents and computer vision

RESPONSIBLE SCALING

Integration and governance
AI Act support
EU AI infrastructure

Business-driven AI

From business needs to practical use cases

Cross-border collaboration

Joint pilots and shared expertise

Where Slovenia and Croatia can collaborate

FOR COMPANIES

Bring concrete problems, representative data and a business sponsor; jointly validate before procurement.

FOR UNIVERSITIES

Combine specialist expertise, students, laboratories and industry-facing pilots.

FOR EDIH PARTNERS

Exchange referrals, complementary expertise and EU AI infrastructure pathways.

Let’s turn a real business challenge into an AI pilot

The next step is a conversation — not a technology purchase

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