



kcstv

competence centre for
advanced control technologies



MADE IN EUROPE 2026

ONLINE PITCHING

23 June 2026

KC STV is non-profit innovation cluster **connecting** members in the field of control technology in various projects that enable the joint development of new products, procedures and processes and the implementation of the results of these projects in various **cross-sectional** domains **integrating** knowledge of academic institutions and industrial development groups.

ACTIVE
MEMBERS
40+

MEMBERS
OF 3 SRIP
FoF, CE, GD

MEMBERS
OF 3 EU
PPP

MEMBERS
OF 2
VANGUARD
PILOTS

MEMBER
Of
UNIDO AIM



INDUSTRY AND ENERGY

Priority (technological) area

Artificial intelligence for control and optimizing systems

Digital twins in technical processes

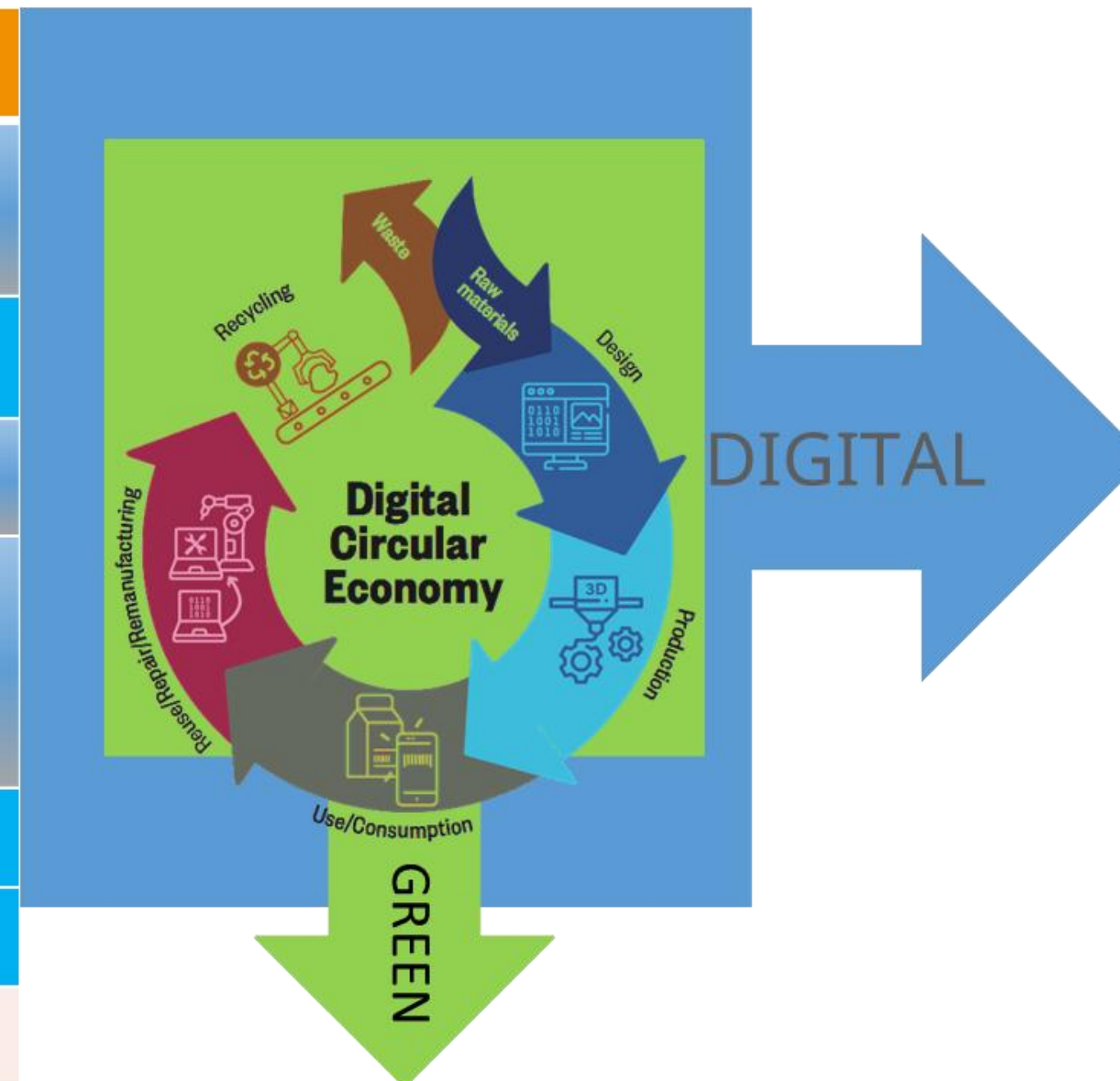
Energetics in complex systems

Predictive maintenance – prognostication and assessment of the condition of production machines and devices

Industrial Internet of Things

Integrated MES

Autonomous mobile systems



KC STV DEVELOPMENT DIRECTIONS



New building blocks for
Integration physical and
digital world in factories
of the future

- A new generation of sensors (AIOT)
- New generation of communication interfaces (5G)
- A new generation of software agents
- [Production data spaces](#)
- [Data infrastructure - GAIA-X](#)



Development of new
procedures with
real-time supervision
and managed production
processes

- Development of agents for insight into non-measurable (hidden) states of the process
- Algorithms and hardware and software components for new generations of self-validating machines and processes
- within Industry 4.0
- Procedures for diagnostics and prognostic of production processes using digital twins



Control technology In Green
Energy solutions

- Building blocks for low-carbon technologies
- Clean energy supply (green hydrogen)
- Energy management procedures

Own research group for control technologies registered at ARIS (Slovenian Research & Innovation agency)!

WHY CHOOSING KC STV AS A PARTNER



- Competences in Control Technologies due to excellent academia and industry members.
- Covering development from TRL 3 to TRL 8.
- Advanced competences in control technologies in different domains (Smart industry, Smart cities, Smart houses, Energy and process industry (materials, chemistry, pharmaceutical industry)).
- Support of Green Transition Technologies – Local Energy Communities based on Green Hydrogen as energy vector.
- Excellent international connections and activity.
- Tracking record of our members contributions in international and domestic projects.
- Finding suitable and competent contributors for your development and innovation project.

CALLS OF OUR INTEREST



HORIZON-CL4-2027-01-MATERIALS-PRODUCTION-02
HORIZON-CL4-2027-01-MATERIALS-PRODUCTION-03
HORIZON-CL4-2027-01-DIGITAL-EMERGING-52

When partnering with KC STV, European coordinators do not just onboard a single partner; they gain access to a managed ecosystem. KC STV can join your consortium as a dedicated Dissemination, Exploitation, and Cluster Piling Partner, seamlessly transferring project results to our extensive network of over 30 manufacturing SMEs and expanding the project's impact across Central Europe and the Western Balkans 6 region.

THANK YOU



WE MAKE THINGS WORK!

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