

Central European Cooperation for Industry 4.0

Workshop Presentation

Budapest, 20-21 September, 2017

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Main Areas of Operation

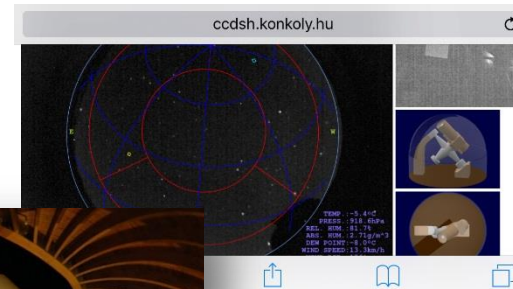
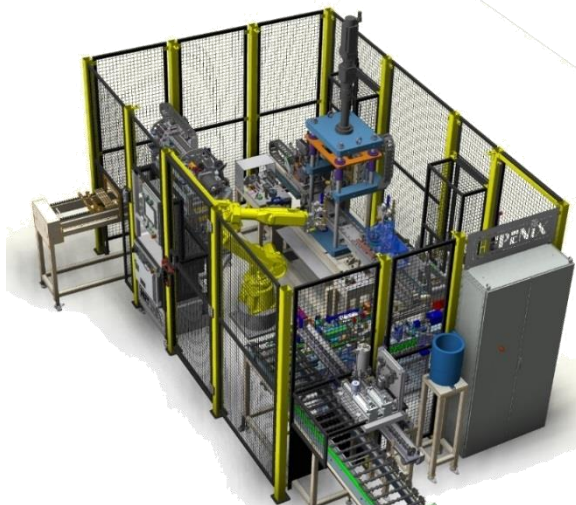
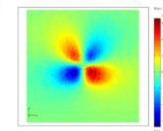
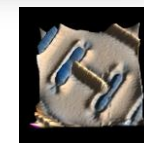
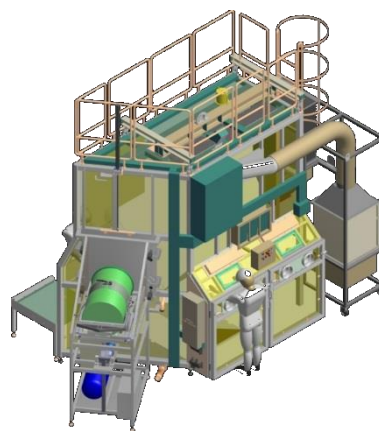


Image © Miklós Rácz



Automotive

Nuclear

R & D

Hepenix References

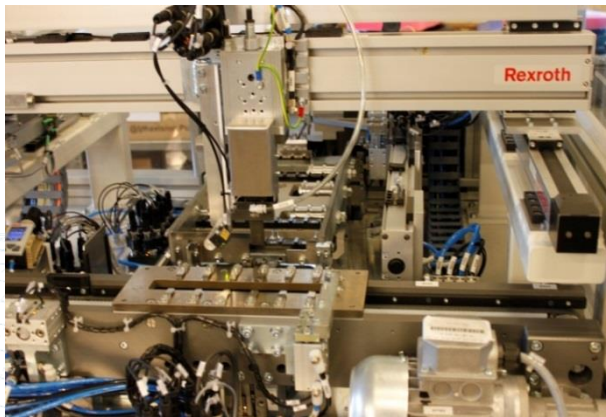
- More than 800 successful projects
- Long-term partnership with customers providing mutual benefits



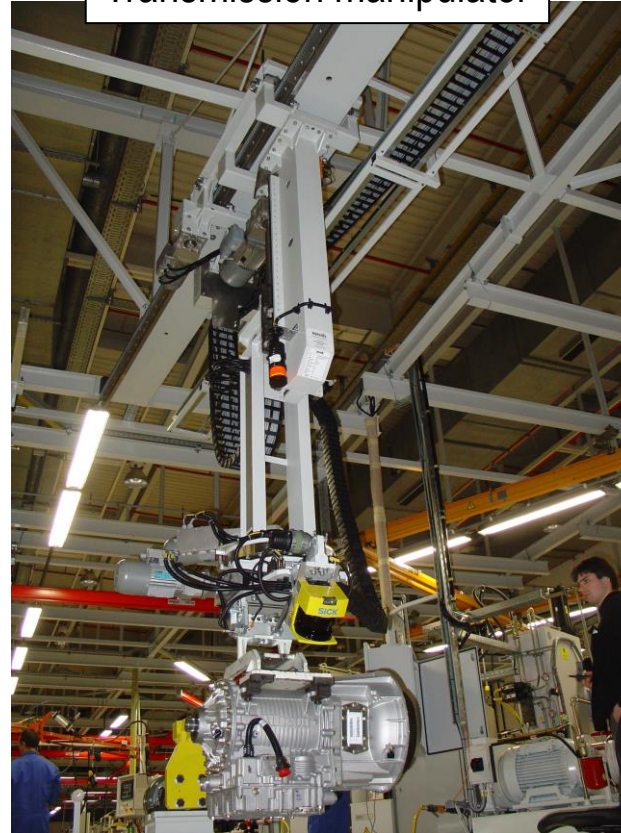
Hepenix :: Manipulators

- Simple pneumatic
- Balanced manipulator
- Cartesian manipulator
- Portal robot
- 6 DoF robot system

Inserter machine



Transmission manipulator

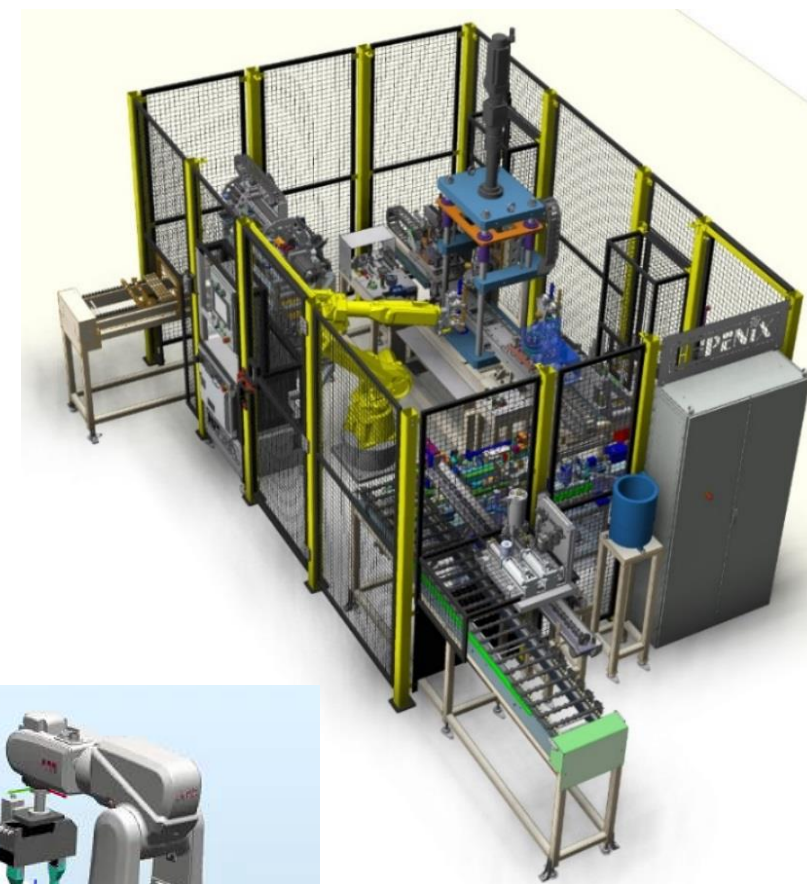
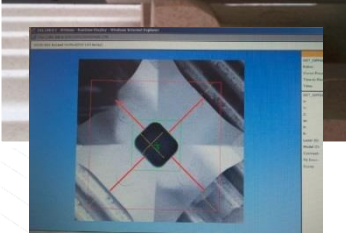
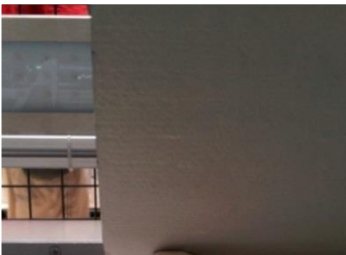
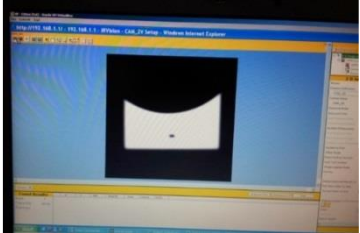


High-technology robot cells

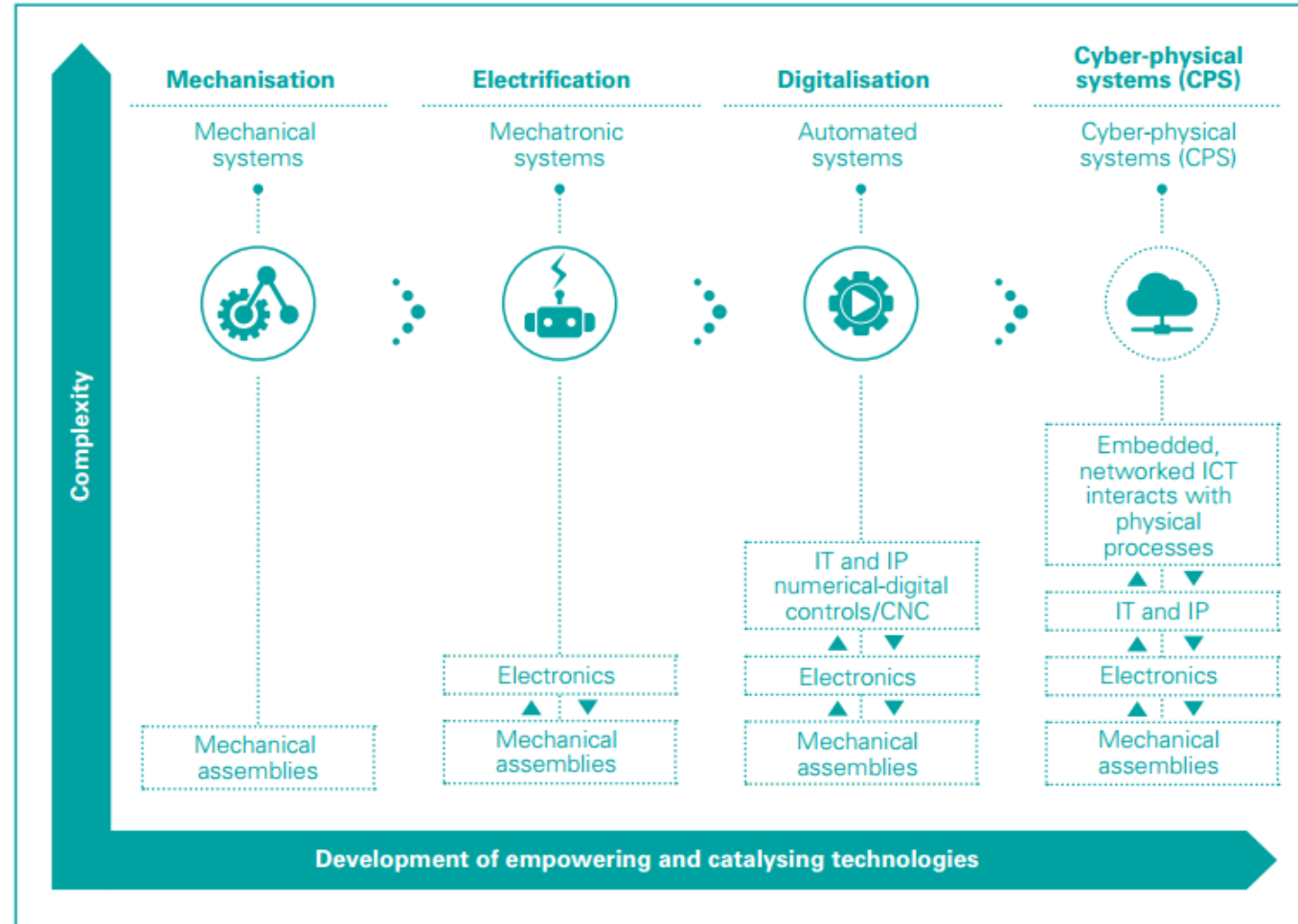


Hepenix :: Robots

Application of robots into standard and R&D tasks.
Development of heavily **custom** robotic handling & process solutions.
Research on **collaborative** and **coexistent** solutions.



Industry 4.0



Source:
KPMG

INTRO4.0 - EUREKA



Az IPAR4.0 módszertan és technológia ipari bevezetésének előkészítése KKV-k részére

HÍREK, ESEMÉNYEK | PROJEKT ADATAI | PROJEKTLÉÍRÁS | MÉDIA ÉS HÁTTÉRANYAGOK | KAPCSOLAT

2017. március 8.

Projektmenedzsment ülés

A HEPENIX Kft-ben került sor a második projektmenedzsment ülésre, melynek tárgya az első munkaszakas zárásával kapcsolatos feladatok megbeszélése.

[TOVÁBB »](#)



2016. szeptember 23.

Sajtóközlemény

A projekt kommunikációs csomagjának elemeként, 2016. szeptember 23-án megjelent egy sajtóközlemény a projektről indításáról a magyar gépjárműgyártók és beszállítók honlapján, az autopro.hu-n.

[TOVÁBB »](#)



Kapcsolat | hepenix.hu | English

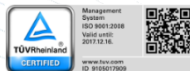


EUREKA
innovation across borders



www.i40platform.hu

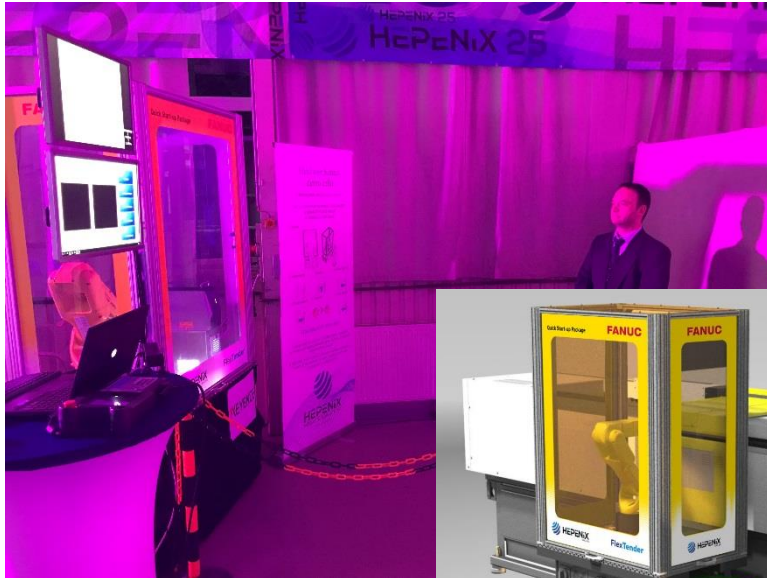
- Consortium Leader Role
 - Partnering with MTA SZTAKI
 - Readiness assessment
 - Demo system development
 - 1st public Hungarian Industry 4.0 initiative
- + Founding member of Industry 4.0 platform



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József Tóth, Director of Business Development



Industry 4.0 Toolset Demos



Flextender



Feasibility study on assisted **coexistence** with or **without fencing**. Presented also as a **standardized machine tending solution**.



Cyclops II

Inclusion of latest toolsets into a previously event-driven monitoring system to turn it into a **remote monitoring and support package**.

Use-Case :: Digital Twin & H-M Interaction



INTRO4.0 EUREKA :: Cockpit

„EMESE”

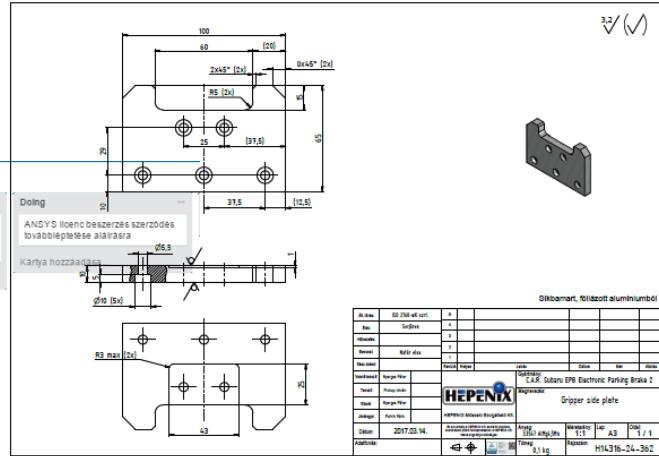
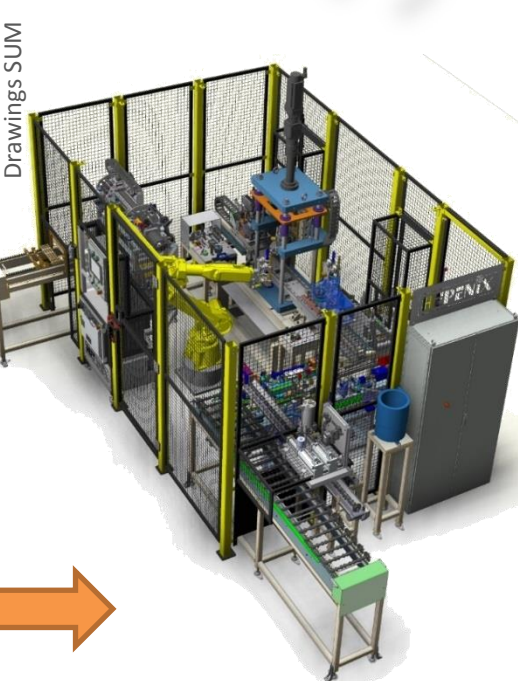
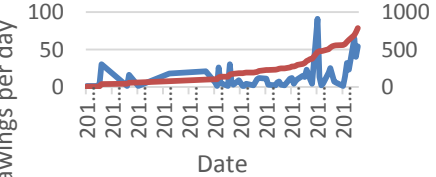
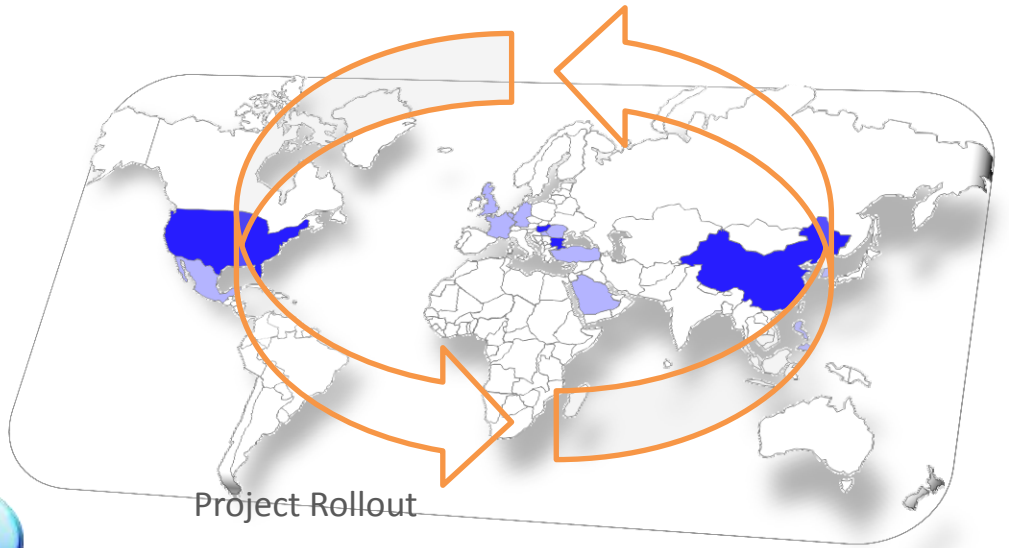


Image source : uswitch.com via internet



NOMAD

Nondestructive Evaluation (NDE) System for the Inspection of Operation-Induced Material Degradation in Nuclear Power Plants

Participants at a Glance: SCK•CEN Belgian Nuclear Research Centre × VTT Technical Research Centre of Finland Ltd. × Swiss Association for Technical Inspections × Paul Scherrer Institut × European Research and Project Office GmbH × Coventry University × HEPENIX Technical Service Ltd. × Hungarian Academy of Sciences, Centre for Energy Research × TECNATOM S.A.

Project Coordinator: Fraunhofer Institute for Nondestructive Testing IZFP

Project Management: European Research and Project Office GmbH (Eurice)

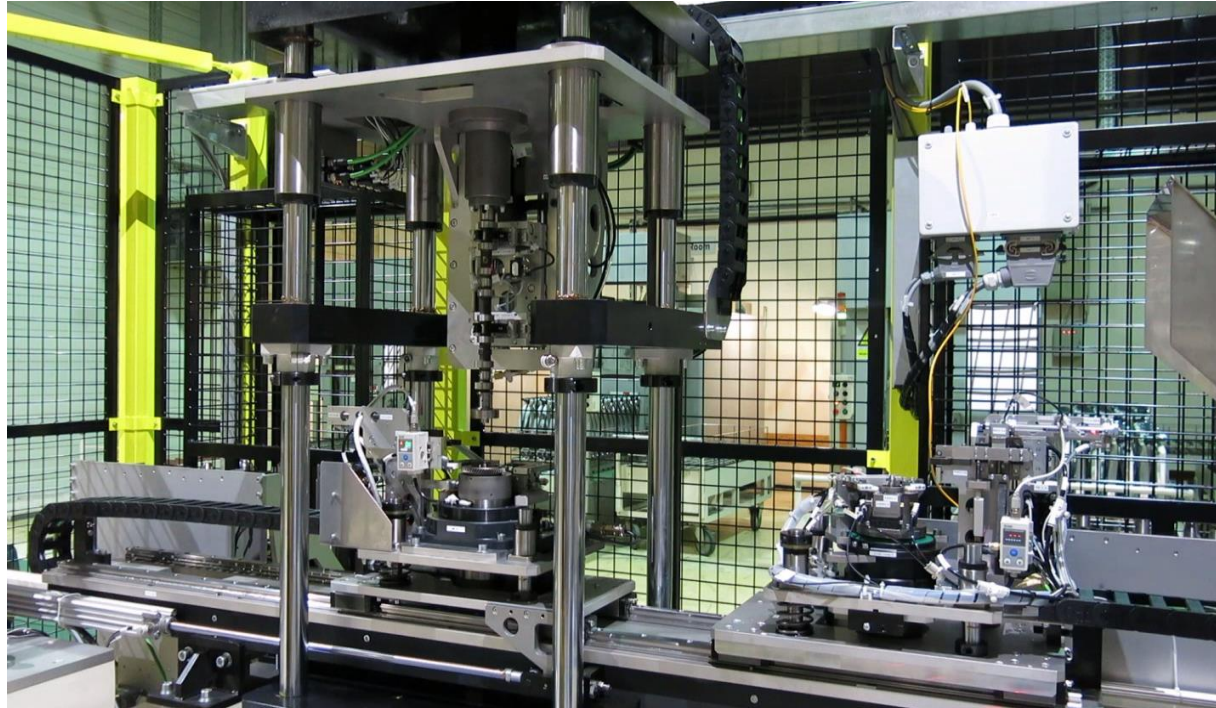


www.nomad-horizon2020.eu



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Thank you for your attention!



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