

# TECOS - Slovenian Tool and Die Development Centre

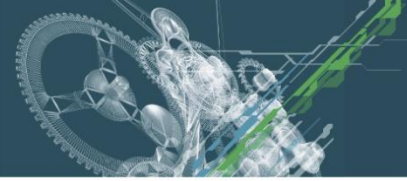
The background of the slide is a complex, light-colored wireframe illustration of various mechanical gears and tooling components. Overlaid on the right side of this illustration are several thick, stylized lines in shades of green and blue, which appear to be part of a technical drawing or a digital interface, extending from the bottom right towards the center.

Dr. Ales Hancic, Managing Director

Conference Digital Europe and Future Role of DIHs/S3  
Brussels, 8 May 2019



# Who we are - what we do?

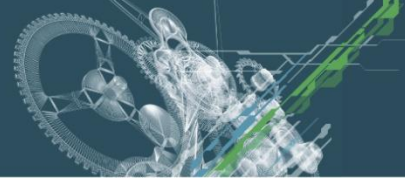


We help our clients **design optimised products** and **troubleshoot problems in production!**



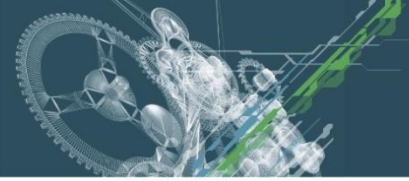


Our Vision.

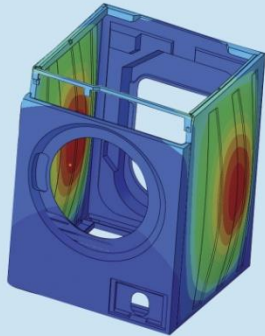


To be a longterm strategic development partner to companies in Slovenia and wider region and to become an European renowned technology center in the fields of development of new products, industrial tools and technologies.



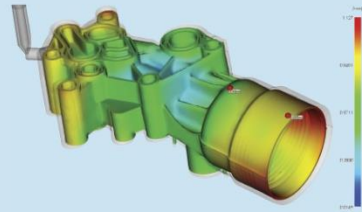


## ENGINEERING SERVICES



Your key to optimised products and stable production processes

## APPLIED RESEARCH



A strong partner in small or large scale R&D projects

## SPECIALIZED TRAINING

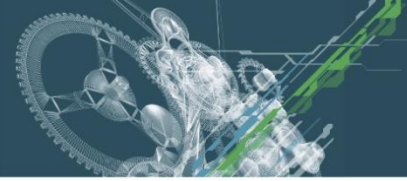


We place knowledge in our customers' environment

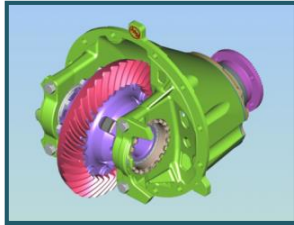
## INDUSTRIAL ASSOCIATION



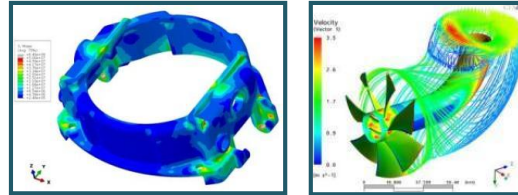
Link to Slovenian toolmaking at home and abroad



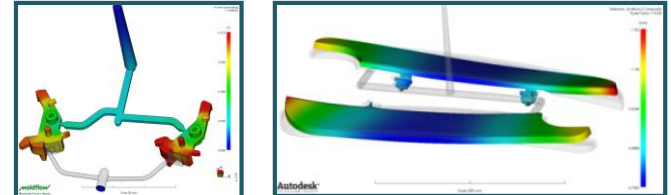
## Turnkey Product Design



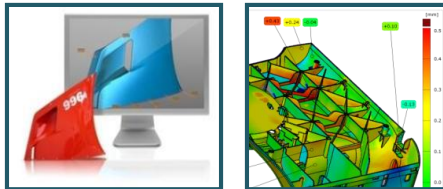
## Advanced Structural FEM analyses



## Injection Moulding Simulations

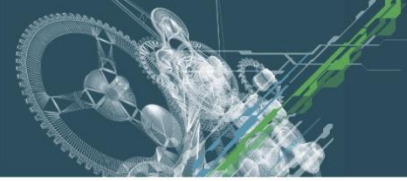


## 3D scanning & Inspection

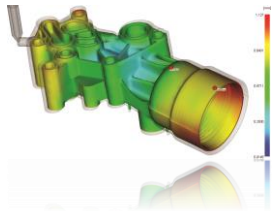


## Rapid Tooling and Prototyping





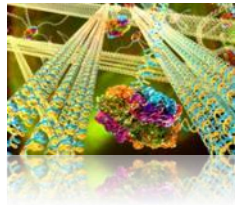
## - lines of research:



Material Processing  
Technologies



Advanced  
Multiphysics  
FEM analyses



Materials



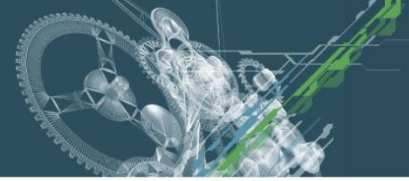
Mechatronics &  
Industrial Sensorics

Life-Cycle Assessment

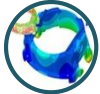


- project preparation and management
- experts in national and EU public funding
- wide international partner network

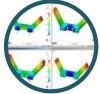




Experts in injection moulding



Advanced structural FEM analyses



Design for manufacturability



Industrial sensorics (industry 4.0)



Management of small to large scale R&D projects



Prototyping and small batch injection moulding

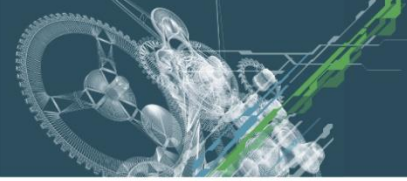


3D-scanning, 3D printing and reverse engineering





# Technological Equipment



## Testing, validation & prototype production



## Software



Siemens PLM Software

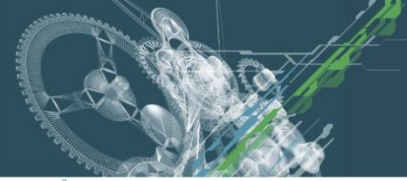


the magic of making it simple™

## 3D scanning & inspection





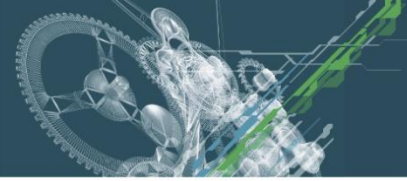


- VET education facility
- one-day seminars from the fields of material processing technologies and advanced manufacturing
- on-demand training on the client's location
- excursions to foreign countries for learning and networking opportunities





Industrial Association



Representation of  
Slovenian toolmakers  
and material processors

Member of International  
Special Tooling and  
Machining Association



**ISTMA**  
americas | asia | europe

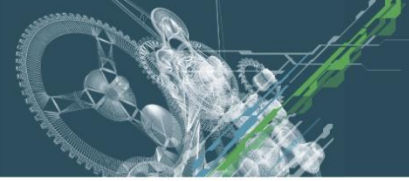


**Your link to Slovenian market!**





# A Reliable Partner



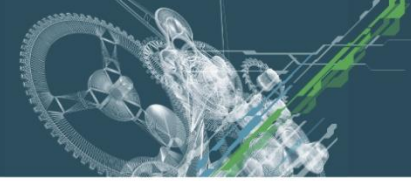
**25+ years** of helping our clients **minimising their risks** in product development and industrialization

Team of **dedicated experts** with **passion for delivering optimised solutions**

**State of the art** technological equipment from **market leading suppliers**



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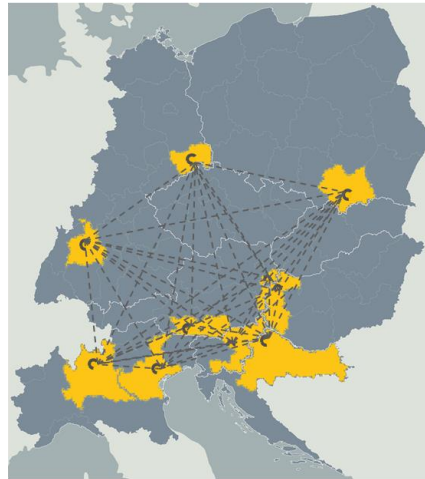
**Interreg**  
CENTRAL EUROPE

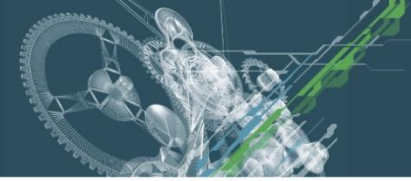


**S3HubsinCE**

European Union  
European Regional  
Development Fund

Unleashing the potential of transnational cooperation, through Digital Innovation Hubs, to promote RIS3 implementation





**Unleashing the potential of transnational cooperation, through Digital Innovation Hubs, to promote RIS3 Implementation**

Which organisations have the potential to be Central Europe's RIS3 Champions?



What support is needed to enhance the organisation's RIS3 value-equation?



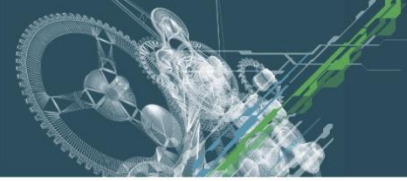
Transnational innovation network to enhance collaborative RIS3 exchange

DIH alignment through a common pilot program, to promote market-focused RIS3 excellence

Unleash the potential of RIS3 Excellence to create future-orientated, policy learning with closer-to-market activities

**A common method to help regional and national strategy-responsible institutions, understand how RIS3 value-creation can be fostered through a connected network of Digital Innovation Hubs.**





# ADMA Initiative

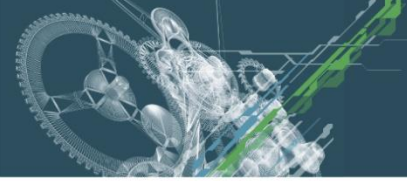
Accompanying manufacturing SME's towards  
Factories of the Future



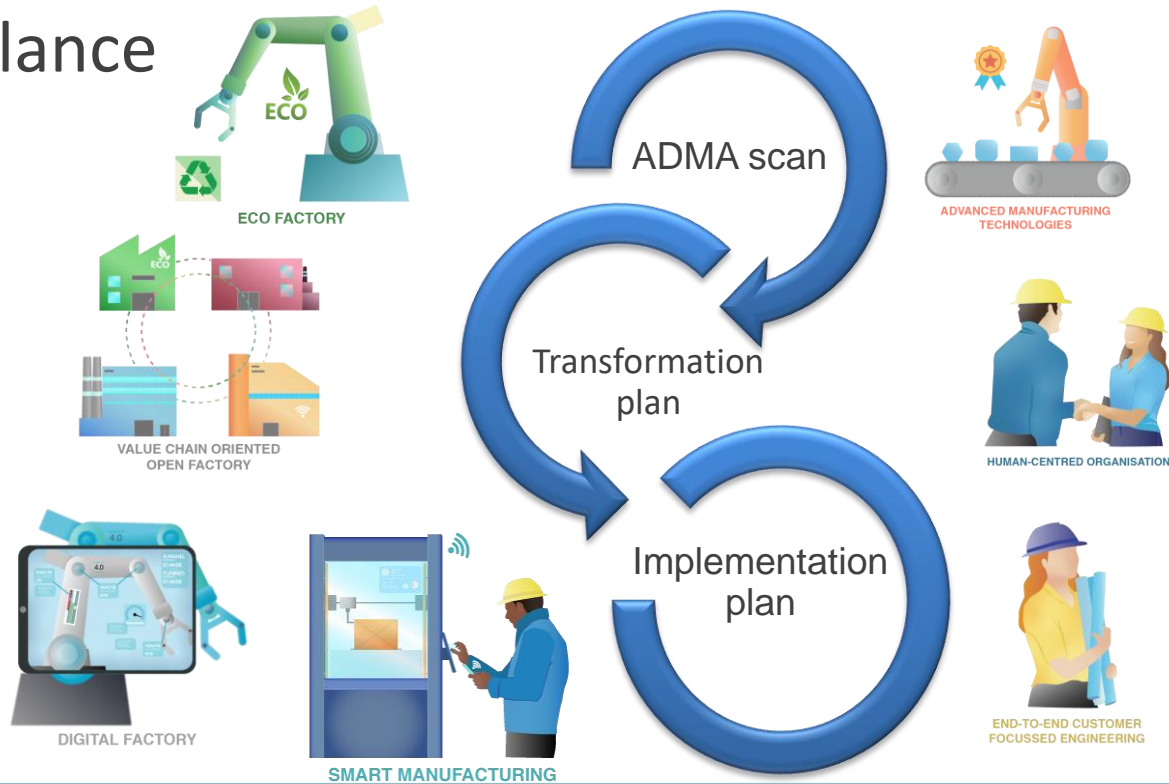
EASME/COSME/2017/018

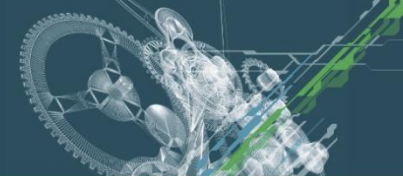
Contract number : 2017/S 152-3140





## ADMA at a glance





## Smart Specialisation Platform Industrial Modernisation

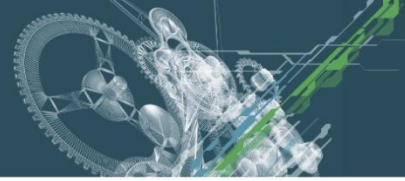


### Interregional partnership on SME integration to Industry 4.0

|  | Co-leading regions:   | Participating regions:  | Interested regions:  |
|---|---|---|--|
|   | <ul style="list-style-type: none"> <li>• Leadership:                             <ul style="list-style-type: none"> <li>• Tuscany, Italy</li> <li>• Slovenia</li> </ul> </li> <li>• WP co-leading:                             <ul style="list-style-type: none"> <li>• Catalonia, Spain</li> <li>• Mazowieckie, Poland</li> <li>• Castilla y Leon, Spain</li> <li>• Valencia, Spain</li> </ul> </li> </ul> | <ul style="list-style-type: none"> <li>• Hungary</li> <li>• Bielska Bjala, Silesia, Poland</li> <li>• Marche, Italy</li> <li>• Flanders, Belgium</li> <li>• Navarra, Spain</li> <li>• Emilia-Romagna, Italy</li> <li>• Friuli Venezia Giulia (Italy)</li> </ul> | <ul style="list-style-type: none"> <li>• PACA, France</li> <li>• Puglia, Italy</li> <li>• Slovakia</li> <li>• Wallonia, Belgium</li> <li>• Gävleborg, Sweden</li> <li>• South-Holland, Netherlands</li> <li>• East-Netherlands, Netherlands</li> <li>• Lapland, Finland</li> <li>• Helgeland, Norway</li> <li>• North-East Romania</li> <li>• Aragón, Spain</li> <li>• Estonia</li> <li>• Sachsen-Anhalt, Germany</li> </ul> |







Smart Specialisation Platform  
Industrial Modernisation



## Interregional partnership on SME integration to Industry 4.0

- *Focus on Demonstration (and not on e.g. joint-R&D projects)*
- *SMEs as a main target*
- *Raising awareness to accelerate Industry 4.0 uptake by SMEs*
- *Going beyond technology*
- *Funding gap to the deployment of Industry 4.0 to SMEs*
- *Sectoral diversification and value chain approach*
- *Geographical and structural diversity*





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