



# Partner presentation

## Partner 3: FOTEC





# Content

- Partner profile.
- Competences/Products.
- Contribution to 4M2020.
- Expectations from 4M2020.

# Partner profile



- ▶▶ Research subsidiary of the University of Applied Sciences
- ▶▶ Established in 1998
- ▶▶ 30 employees
- ▶▶ Certified management system for R&D in line with ISO 9001
- ▶▶ 2.15 Mio EUR turnover in 2012
- ▶▶ Currently 60 national and international projects, in which 10 students are involved
- ▶▶ Business Areas:
  - ▶▶ Aerospace Engineering / AE
  - ▶▶ Engineering Technologies / TEC
  - ▶▶ Innovative Software Systems / BISS



## Engineering Technologies (TEC)



### Study Programs

- **Mechatronics**
  - Computational Engineering
  - Mechatronic Systems
  - Surface Engineering & Tribology
- **Informatics**
  - Software Architecture & Design
  - IT-Management
  - Geoinformatics
- **Aerospace Engineering**

## Innovative Software Systems (BISS)



### Study Programs

- **Informatics**
  - Software Architecture & Design
  - IT-Management
  - Geoinformatics
- **Mechatronics**
  - Computational Engineering
  - Mechatronic Systems
  - Surface Engineering & Tribology
- **Business Engineer**
- **MedTech**

## Aerospace Engineering (AE)



### Study Programs

- **Aerospace Engineering**
- **Mechatronics**
  - Computational Engineering
  - Mechatronic Systems
  - Surface Engineering & Tribology

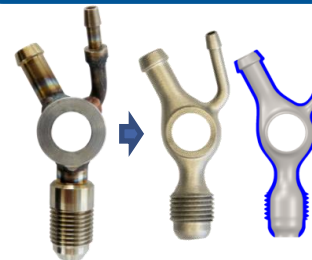
## TEC

Solving of challenging development tasks for electronic, mechanical and mechatronic systems

Developing and realizing of automated measuring and inspection systems

Developing production-ready manufacturing processes for complex parts made of polymer/ceramic/metal via (powder) injection moulding

Producing of prototypes, single components and pilot series of highly complex parts via additive manufacturing techniques



- Material: Ti64
- Weight: 10 g
- - 59% Vol.-%
- - 77% Weight

# Competences / Products

## BISS

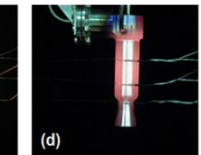
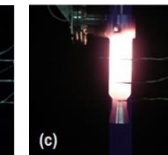
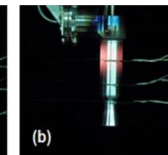
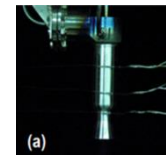
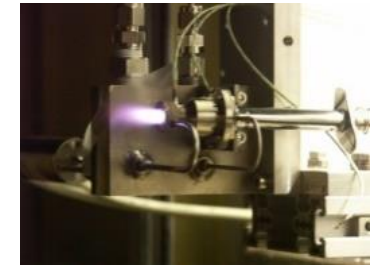
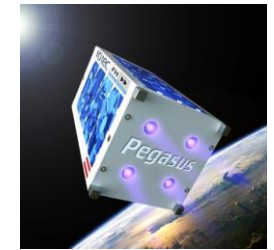
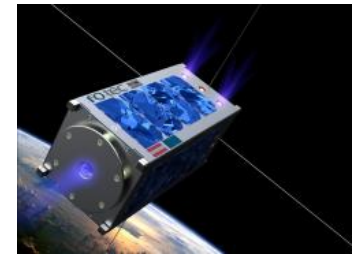
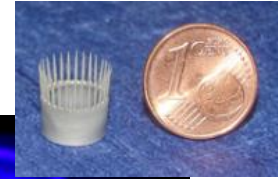
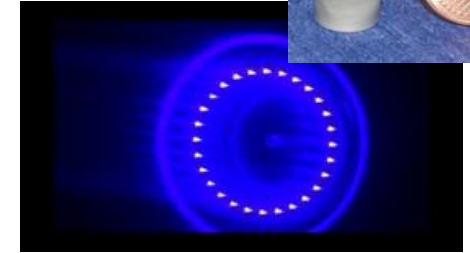
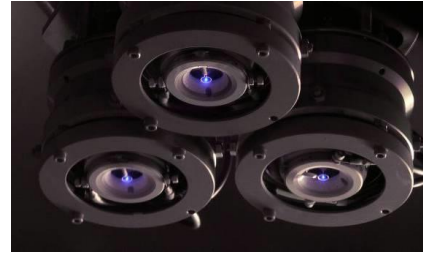
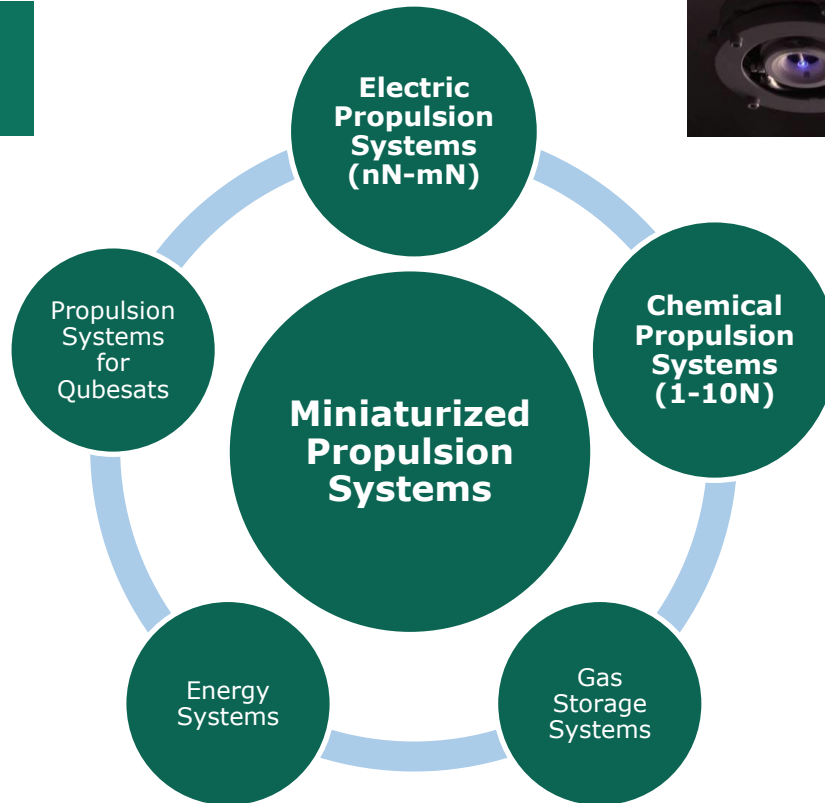
Developing interactive and platform independent apps and web applications

Capturing, editing, analyzing and visualizing of GIS data

Developing of embedded systems for high-value machine and system controls

Developing of tailor-made traffic telematics solutions

AE







# Contribution to 4M2020

- Leader of task 3.4 / Implementing and testing the open innovation environment
- Leader of task 5.3 / On-line collaboration and development of the roadmap
- Leader of WP 6 / Support for deployment of technologies
  - Participant in task 6.1 / Identification of current bottlenecks
  - Leader of task 6.2 / Dual workshops for end-users ...
  - Leader of task 6.3 / Report of enhanced deployment ...





# Expectations from 4M2020

- Supporting the manufacturing community in Europe by supporting further deployment of new technologies.
- Localisation of current bottlenecks shall also lead to project ideas.
- Creation of working groups for future projects.
- Fruitful cooperation with all 4M2020 partners, even beyond the project.



# Contact details

**Helmut Loibl**

**FOTEC**

**Forschungs- und  
Technologietransfer GmbH**

Viktor Kaplan-Straße 2  
2700 Wiener Neustadt  
AUSTRIA

Tel.: +43 2622 90333 120

**loibl@fotec.at**  
**www.fotec.at**



**Thank you  
for your attention**

