



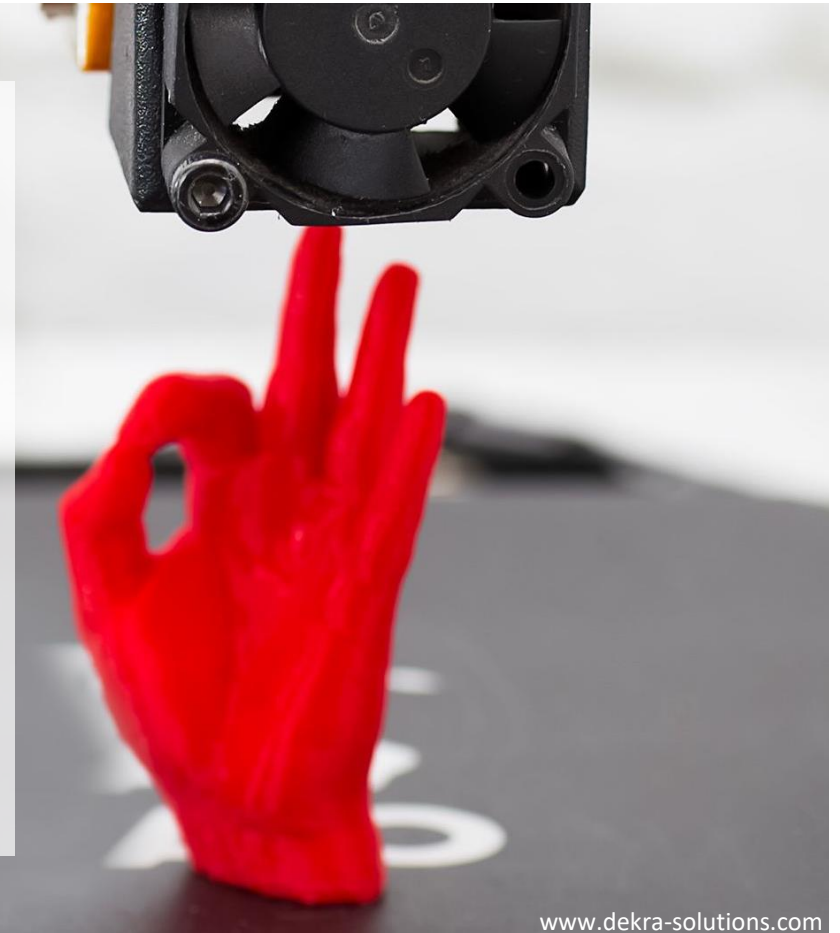
EIT-AddManu

hands-on learning nuggets for educating a future generation of European AM specialists

EUROPEAN
MANUFACTURING
INNOVATION

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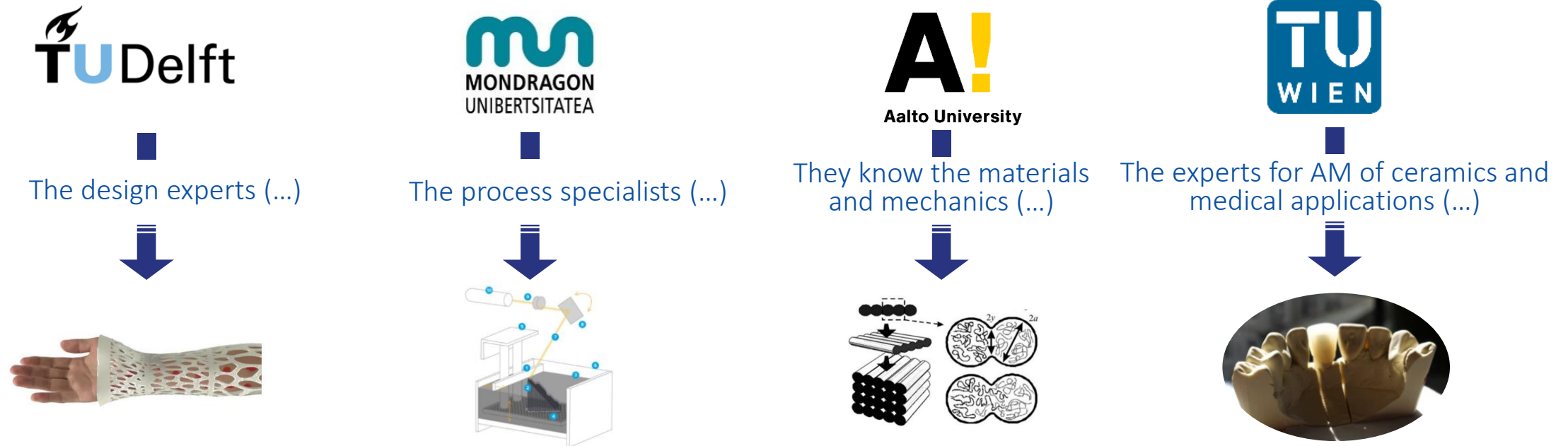
- Additive Manufacturing (AM) is a highly digital technology
 - The education has to be digital
- Currently available educational modules are
 - based towards certain providers of AM systems or
 - rather theoretical modules
- With AddManu, we are
 - promoting digital skills in manufacturing education



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AddManu is providing

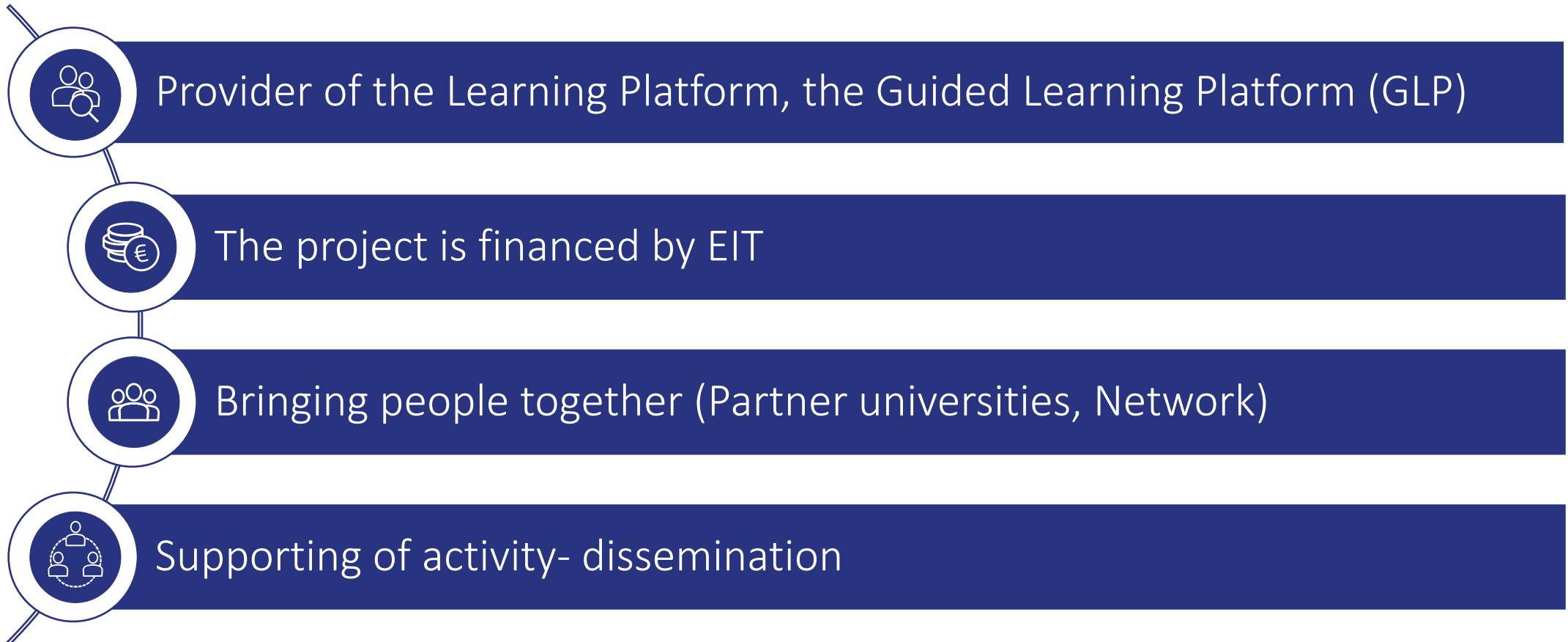
- i. learning content for teaching Additive Manufacturing in higher academic and industrial education
- ii. a broad, manufacturer independent education
- iii. highly professional content due to specialized consortium from 4 countries in Europe



Benefits of the AddManu

Customized	Create your own learning paths
On demand	Online available all time
Easy to handle	Self explaining
Short learning units	10-20 mins per nugget
Diversified	Videos, graphics, texts, quizzes
Up to date	Regularly updated content
Become an expert	Extra materials (e.g. latest published scientific papers)
For Free	The content is for free and available on guided learning platform
Certified	For a fee, more in depth content is available

The role of EIT funding and support



Results so far & next steps

7

LEARNING NUGGETS

- 3D-printing of ceramics
- 3D-printing of dental restorations
- Basics of printable polymer and composite materials
- Mechanical properties of 3D-printed polymer and composite materials
- Personalized products design through digital fabrication – Introduction
- Personalized products design through digital fabrication – Workflow
- Vat Photopolymerization

70

STUDY PARTICIPANTS

Evaluation of the nuggets with students from partner universities

151

CONSUMED NUGGETS

The high number of consumed and evaluated nuggets gave us data to revise the content and structure

