

# NextFactory

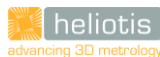
## All-in-one manufacturing platform for system in package and micromechatronic systems



### A one-stop-shop Solution

#### ONE MACHINE

- Producing SMART Micro-Systems of all kind
- on the spot
- in < 1 day
- based on your design



NextFactory Consortium

### Project Aims

- The NextFactory project started in September 2013 with the main aim to develop one machine which is able to produce complete mechatronic micro-systems in an integrated, single-stage, one-location process
- The NextFactory Machine will be a new type of all-in-one manufacturing technology combining, for the first time, in a single piece of equipment, multimaterial 3D freeform printing and ultra-precision 3D assembly

### Use cases

- Integrated sensor devices, micro monitoring systems and customized medical devices are only few of a broad range of possible future applications and use cases

### Project Outlook

- Empowering microsystem manufacturers in particular SMEs to effectively manufacture their products completely on one machine
- Creating a new market by combining 3D printing with microassembly
- Leading to a 10 to 100fold reduction of the manufacturing production time at low cost and with almost zero waste
- Providing new business models and enhancing the customizability of the SMEs products
- Building a network of potential users- the NextFactory Community

Are you interested in the Project? Get in touch with the

Project Coordinator

Oliver Refle

Fraunhofer Institute for Manufacturing Engineering and Automation

Phone: +49 (0)711-970-1867

[nextfactory-project-office@eurtd.com](mailto:nextfactory-project-office@eurtd.com)

[www.nextfactory-project.eu](http://www.nextfactory-project.eu)

