INFOBLATT

P2D2

SPIN-OFF FELLOWSHIP, 2. AUSSCHREIBUNG, 2. EINREICHFRIST (SEPT. 2023)

Projektkurztitel:	**P2D2**
Projektlangtitel:	**Power Processing for Defect Detection**
Antragstellende Organisation:	**Pro2Future GmbH**
Fellows:	**DI Dr. Muaaz Abdul Hadi** **DI Dr. Stefan Trabesinger**
Host:	**DI Gerd Hribernig**
Projektstandort:	**Graz**
Laufzeit:	**01.02.2024 – 30.04.2025**

PROJEKTZIEL:

The goal of the project P2D2 is extend the existing ML mathematical methods into traditional machining process. The aim is to recognise material failures or defects DURING the machining process, i.e., real-time during the manufacturing process potential without the need for any additional hardware and utilizing existing edge systems. The goal is to (a) stop the processing of defect-workpieces at an early stage and thus save material, machine time, tool use and energy and (b) speed up repair processes in forming tools by identifying faults. In short, quality assurance takes place DURING processing.

VISION SPIN-OFF:

- Develop a software that can identify the defects DURING the machining process – used by the manufacturing industry.
- Hosting and integration of the application on an industrial IoT store – Edge device and control system manufacturers.

Weitere **Information zum Spin-off Fellowship** finden Sie auf der FFG-Homepage.