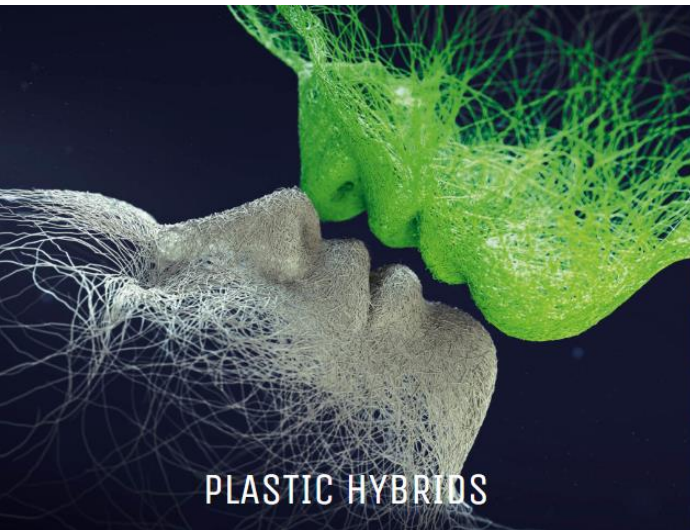




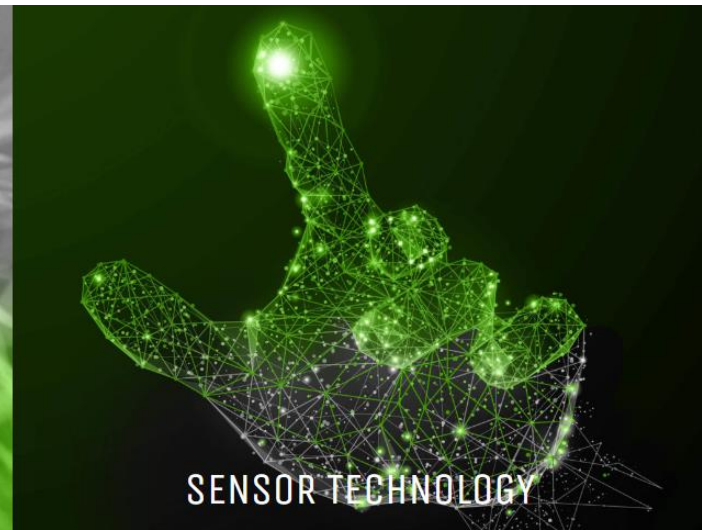
YOUR TECHNOLOGY PARTNER
FOR THE WORLD OF
TOMORROW.



PLASTIC HYBRIDS



MID TECHNOLOGY



SENSOR TECHNOLOGY

- ~ 100 employees
- Founded in 2002
- Turnover: 20 Mio. € (2023)
- Certified company according to IATF 16949, DIN ISO 14001, DIN ISO 9001
- More than 20 sales partners worldwide
- Member of the Narr-Group



- Our customers

KAVO
Dental Excellence

MinebeaMitsumi
Passion to Create Value through Difference

BALLUFF
sensors worldwide

SIEMENS



BOSCH

tec sis

WIKAI

CIS

digades
transmission as a vision

novotechnik
Siedle Gruppe

LEONI

- Partner in research and development

NMI
schafft Ergebnisse

Hahn
Schickard

 **Fraunhofer**

FAPS

PLASTIC-HYBRIDS



3D MID TECHNOLOGY



2E SENSOR TECHNOLOGY



SERIES PRODUCTION. IN-HOUSE DEVELOPMENT. RESEARCH.

- Large series production of plastic hybrids with fully automated production lines
- Qualified and specialized project management by our own R&D department
- Excellent development skills in project management and in-house development
- BMBF and ZIM subsidized projects deliver impulses for in-house developments



SERIES PRODUCTION.

IN-HOUSE DEVELOPMENT.

RESEARCH.

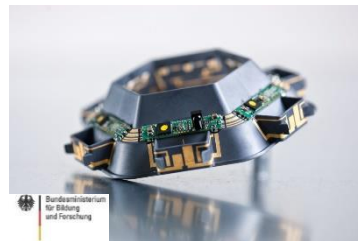
Current research projects with 2E participation

INEK3D



Picture source: © Fraunhofer IPA

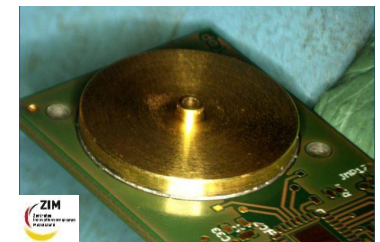
ILED MID



FLEXITEL SONDE



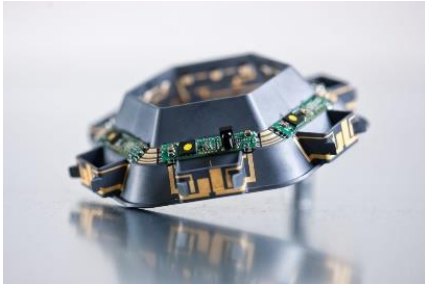
MINO-NGS




Subsidized by:



I LEDMID



Subsidized by  Bundesministerium für Bildung und Forschung

- Development and construction of kits made of innovative MID-based intelligent and energy efficient modules
- Large variety of lighting solutions due to modules with 3D arrangement of LEDs, in-module electronics and sensors
- Development of MID based production processes technically optimized, amongst others, for heat dissipation, ampacity and production

Lead partner:

VDI|VDE|IT

Participating companies and institutes:

Hahn Schickard


ASSDEV

SERMA
PRODUCTIVITY ENGINEERING

nimbus group

MINO-NGS



Subsidized by  **ZIM**
Zentrales Innovationsprogramm Mittelstand

- Development of a high-precision fluidic inclination sensor with a sensor range of 360°
- Implemented by use of a new capacitive measuring principle, which eliminates disruptive factors
- 2E mechatronic is responsible for sensitive mechanical construction of the components consisting of circuit board, dome, fluid and cap

Lead partner:

AF
Forschungsnetzwerk Mittelstand

Participating institute:

Hahn Schickard



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We are looking forward to hearing from you.