

Introduction to Business Interest Group (BIG) and wrap up of meeting

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2nd Business Interest Group Webinar

21 Feb 2024



Company Profile: Overview



Gesellschaft für Angewandte Mikro- und Optoelektronik mbH

Managing Director:

- Prof. Dr.-Ing. Max Lemme

- High-Tech SME (non-profit)
- Research Foundry
- Close ties to RWTH Aachen University
- 400 m² clean room
- >85 staff members
- Key enabling technologies
 - Based on silicon technology
 - Nanotechnology
 - Novel material integration (high-k, graphene, 2D, perovskite, phase change materials)
- Application in
 - Nanoelectronics
 - Nanophotonics
 - Sensor Technology
 - R&D services

Company Profile: AMO's mission



Global societal challenges:

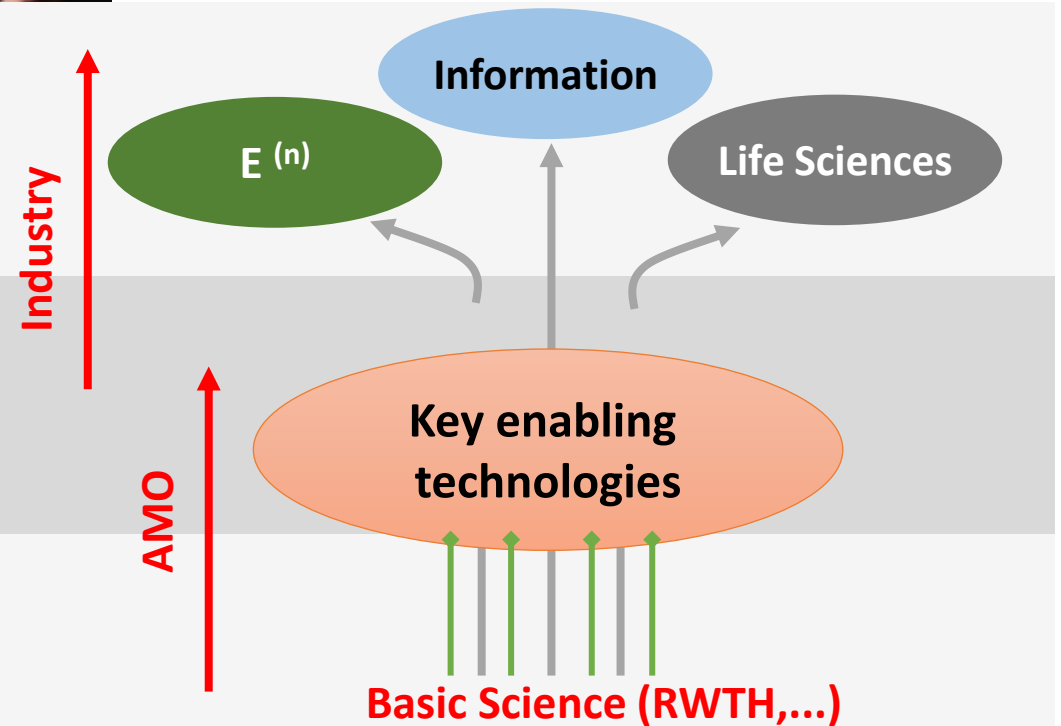
- Aging societies / Sustainable health care
- Sustainable and safe energy / Climate change
- Mobility
- Security

Converging Technologies

- Neuromorphic Computing
- Quantum technologies
- Robotics
- Bio-/Genetechnology

AMO Mission

- Identify Key Enabling Technologies
- Demonstrate applications
- Bridge the innovation gap



What is the i-EDGE Business Interest Group?

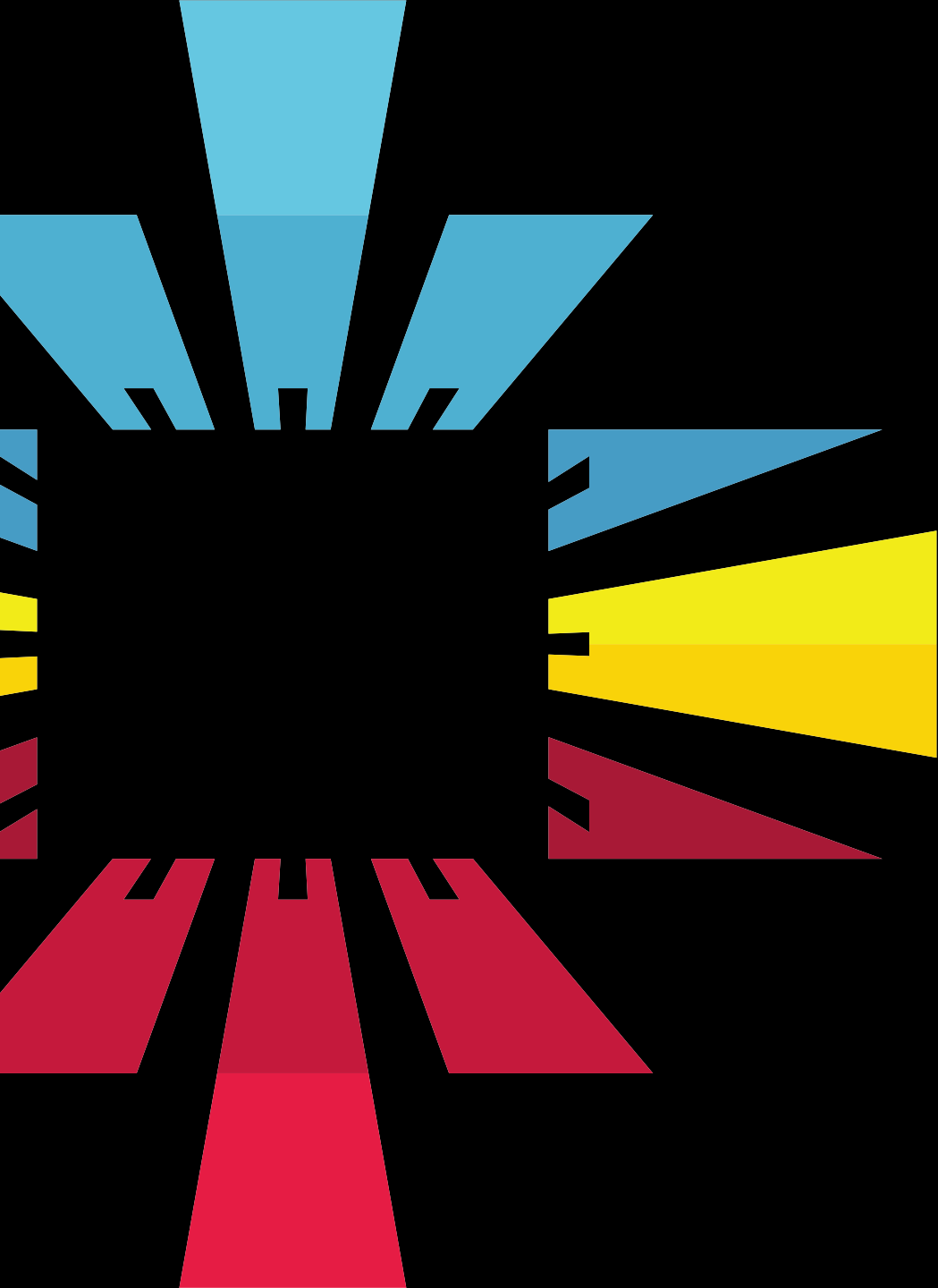
- The i-EDGE Business Interest Group (BIG) is an external advisory board
- BIG members will be regularly updated on the progress we make
 - Webinars
 - Newsletters
 - Reports
- BIG provides guidance for the project
 - Technology
 - Manufacturability
 - Business strategy
 - Initial use cases / applications
- No competitive overlap in the BIG, only one BIG member per market area
- Future BIG activities will be covered by an NDA

Why should you join the i-EDGE BIG?

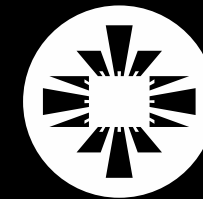
- BIG members receive regular updates on the project status
- Enabling them to assess the potential of i-EDGE technology
- Chance to support a technology to mature from lab into fab & from science to the market
- Shape its form to fit to your use cases and applications
- Opportunity to become an early adaptor of a technology enabling edge computing in environments which are not accessible to conventional CMOS-based electronics
- Use our technology to address your challenges in edge computing for harsh environments

Interested in joining our BIG?

- Contact Piers Tremlett or Jens Bolten
 - Piers.Tremlett@microchip.com
 - Bolten@amo.de
- NDA template available
 - NDA negotiation can be handled between BIG members and the coordinator based on the template
- Further questions?
 - Contact use
 - By email (see above)
 - LinkedIn (@i-EDGE project) – If you do not follow us on LinkedIn yet, please consider doing so
 - <http://www.i-edge-project.eu>



i-EDGE
EDGE COMPUTING FOR
EXTREME ENVIRONMENTS



www.i-edge-project.eu 

[i-edge-project](#) 



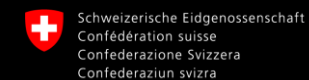
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