

InnovationLab (iL) - A Unique Cooperation between Business and Science

iL is an application-oriented research and transfer platform of business and science in the Rhine-Neckar Metropolitan region. It was jointly founded in June 2008 by six globally active companies BASF SE, Freudenberg & Co. KG, Heidelberger Druckmaschinen AG, Merck KGaA, Roche Diagnostics GmbH, SAP AG, and the universities of Heidelberg and Mannheim. All partners are involved in one shared enterprise and have the common goal of driving innovation.

Forum Organic Electronics - A Cluster of Excellence

iL focuses on Organic Electronics. It collaborates with its partners across disciplines along the entire value chain in order to create novel solutions. The company is a crucial part of the strategy of the Forum Organic Electronics. In addition to the founders mentioned above, the cluster consists of a wider set of companies and universities and was awarded as a Cluster of Excellence (Spitzencluster) with € 40 millions by the German Ministry of Education and Research in September 2008. Within iL, the cluster management coordinates the activities of the Forum Organic Electronics.

Strategic Goals

The Forum Organic Electronics focuses on joint research, the transfer of ideas into marketable products, and the development and implementation of educational programs.

The companies and universities involved share three strategic goals:

- to become a world leader in the field of Organic Electronics by integrating research, development and production
- to become a world-leading innovation incubator for the transfer of knowledge and for start-up companies
- to be recognized as one of the most attractive locations for researchers and graduate students

Areas of Expertise

The variety of collaborators enables the cluster to be active in the following fields:

- Organic Photovoltaics
- Organic Logic and Memory
- Organic Sensors
- Organic Light-Emitting Diodes

All projects in these main areas are based on printing technology enabling low cost mass production.

Additionally, these areas are supported by competence centers in simulation, synthesis, analytics and printing technology within iL.

We invite new partners to cooperate with us.

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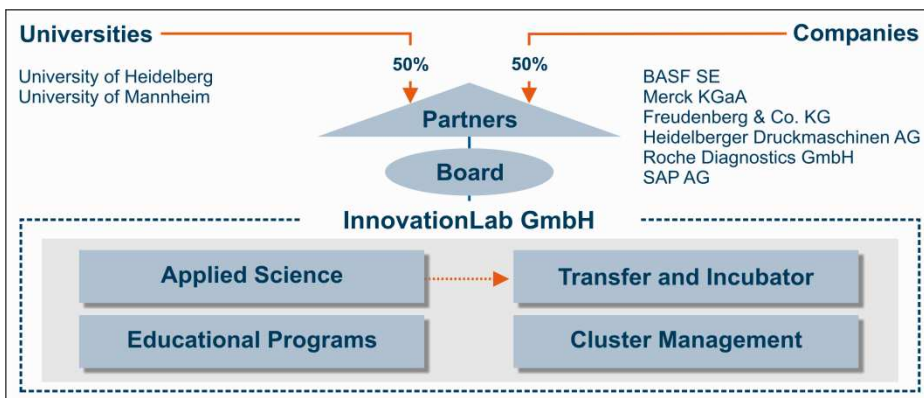
Current Partners of the Forum Organic Electronics

Industrial Partners

- BASF SE
- EnBW AG
- European Media Laboratory GmbH
- Freudenberg & Co. KG
- Heidelberger Druckmaschinen AG
- Merck KGaA
- NEC Deutschland GmbH
- OSRAM Opto Semiconductors GmbH
- Pepperl+Fuchs GmbH
- Philips Technology GmbH
- PolyIC GmbH & Co. KG
- Robert Bosch GmbH
- Roche Diagnostics GmbH
- SAP AG
- Tesa Scribos GmbH
- Würth Solar GmbH & Co. KG

Scientific Partners

- Hochschule Mannheim – University of Applied Sciences
- Karlsruhe Institute of Technology
- Max-Planck-Institute for Polymer Research
- Max-Planck-Institute for Solid State Research
- TU Braunschweig
- TU Darmstadt
- University of Heidelberg
- University of Mannheim
- University of Würzburg
- Universität Stuttgart
- Zentrum für Sonnenenergie- und Wasserstoff-Forschung (ZSW)



Structure of InnovationLab GmbH