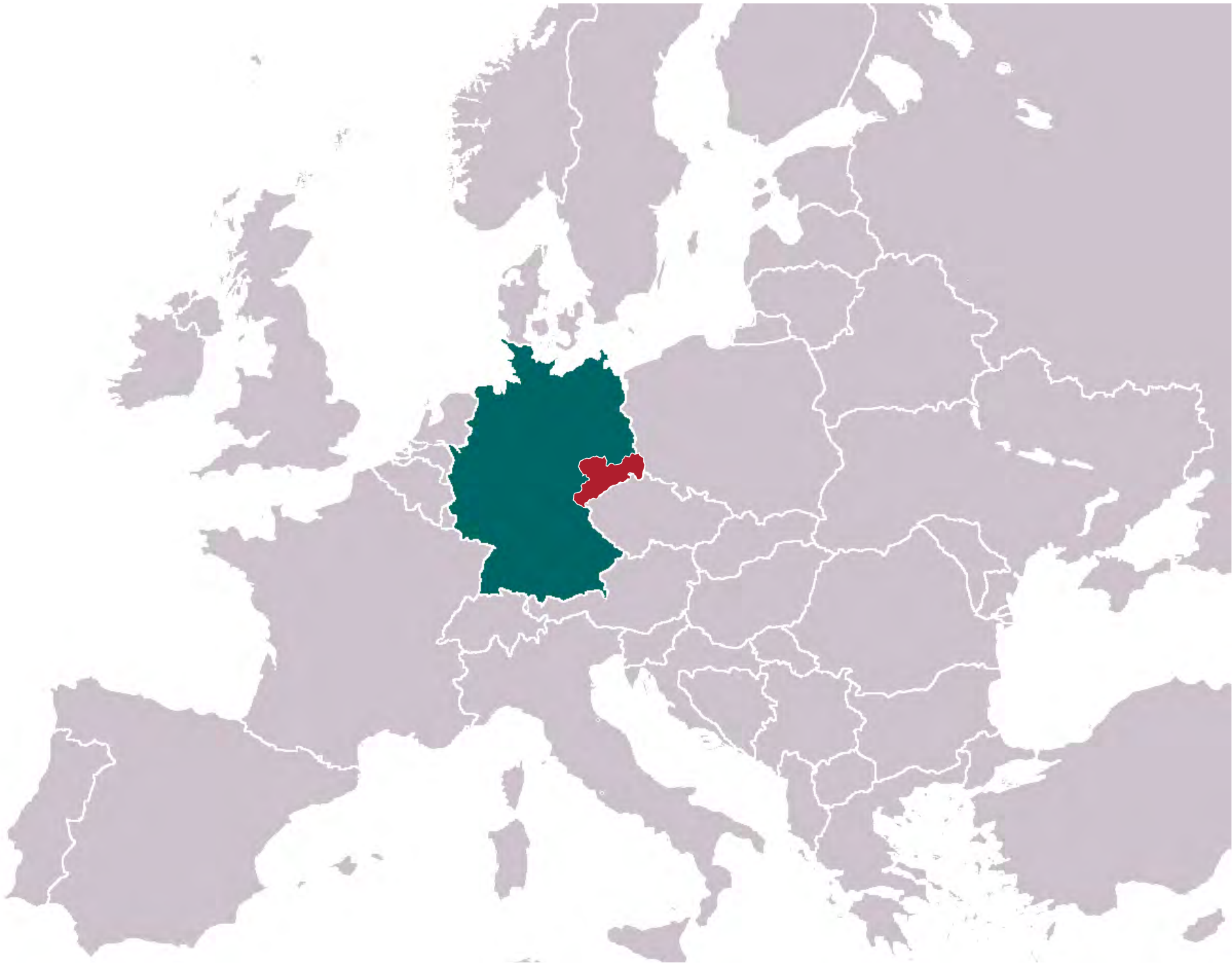




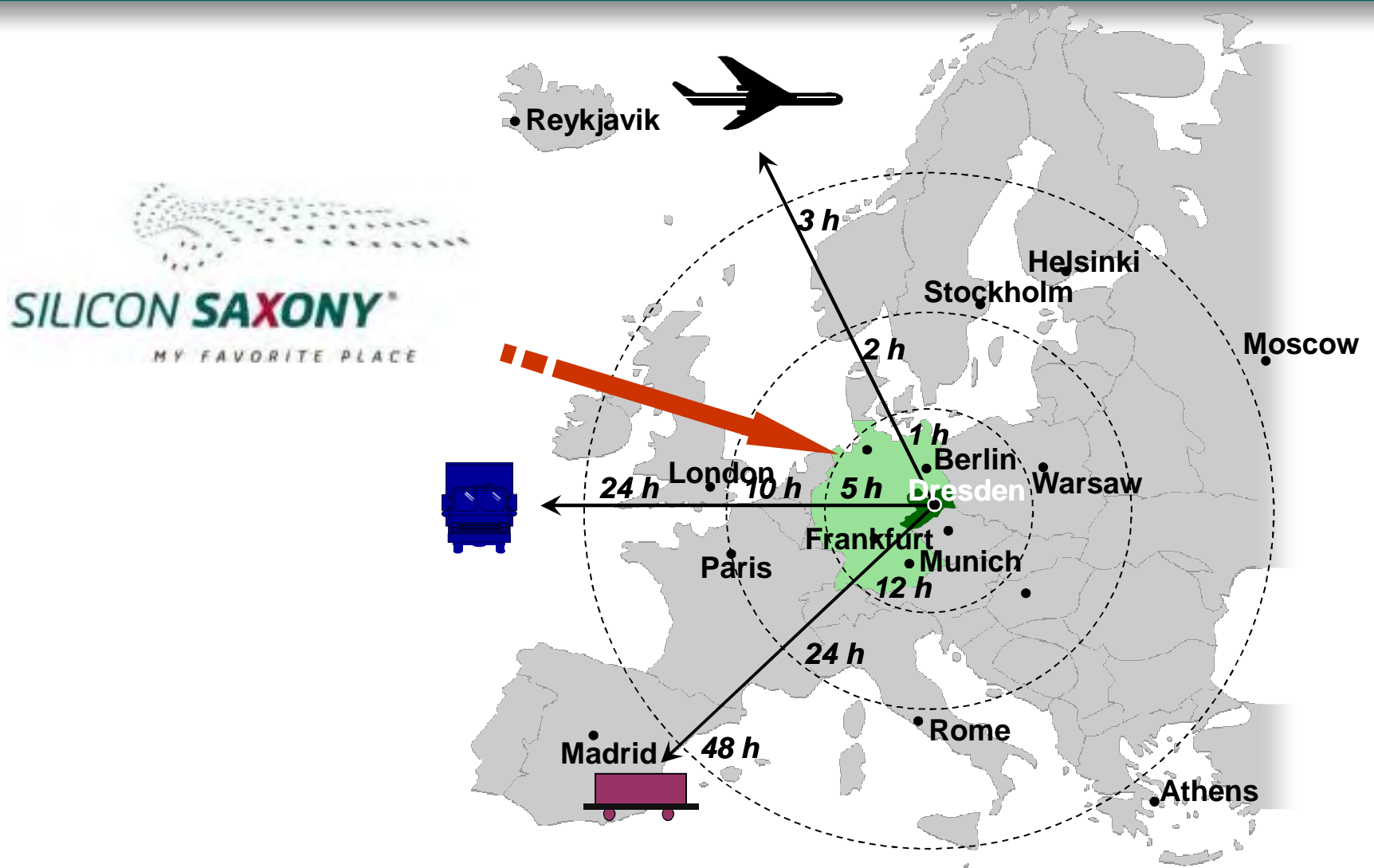
SILICON SAXONY[®]

MY FAVORITE PLACE

*The European Network of
Microelectronics*



Silicon Saxony - In the heart of Europe



Saxony: Facts and Figures

- ▶ **Inhabitants Saxony: 4.27 Mill.**
- ▶ **Dresden (Capital): 502,000**
Leipzig: 505,000
Chemnitz: 245,000
- ▶ **Area Saxony: 18,415 sqkm (7,110 sq. Miles)**
- ▶ **Population density: 232 inhabitants/sqkm (600 inhabitants/sq. Mile)**
- ▶ **Persons employed: 1.9 Mill.**
- ▶ **GDP: € 86 billion (20,100 per capita).**
- ▶ **BIP/employee: 45,250 €**
- ▶ **Export quota: 35.3 %**
- ▶ **Share of companies < 200 employees: 94 %**

Saxon microelectronic industrialisation

Employees: 1990 – 10,000



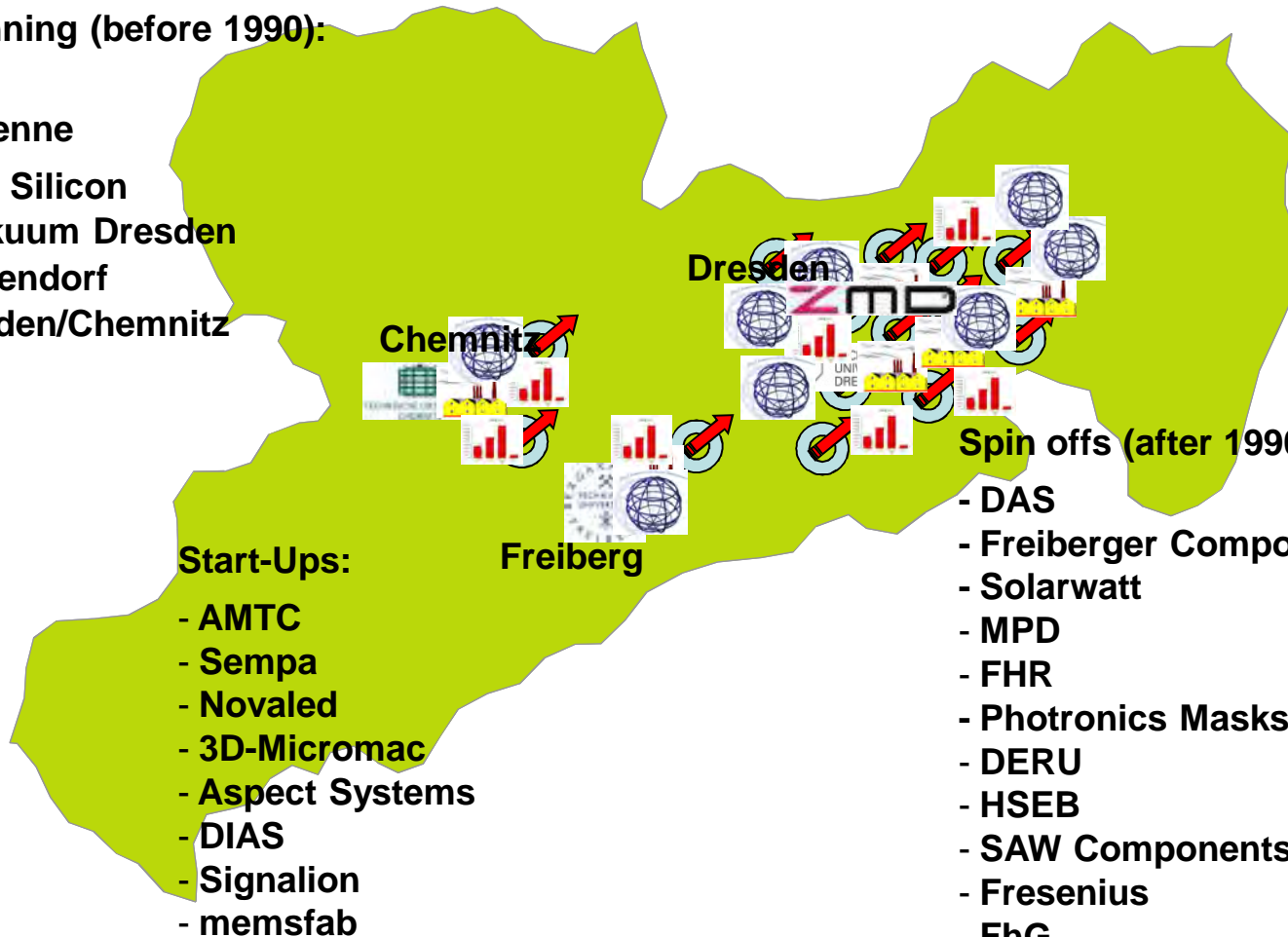
2008 – 35,000

Settlements:
after 1990:

The beginning (before 1990):

- ZMD
- von Ardenne
- Freiberg Silicon
- Hochvakuum Dresden
- FZ Rossendorf
- TU Dresden/Chemnitz

- Infineon
- AMD
- Siltronic
- Süss Microtec
- Intega
- Siemens
- AMAT
- Ortner
- Thyssen
- Philips



Start-Ups:

- AMTC
- Sempa
- Novalad
- 3D-Micromac
- Aspect Systems
- DIAS
- Signalion
- memsfab

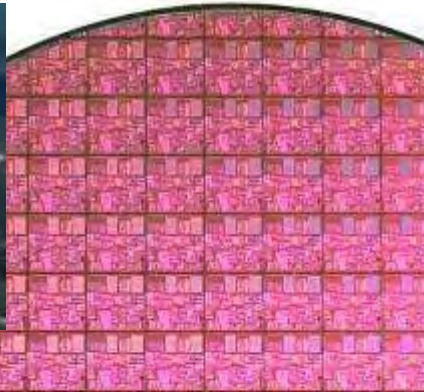
Freiberg

Spin offs (after 1990):

- DAS
- Freiberger Compound
- Solarwatt
- MPD
- FHR
- Photronics Maskshop
- DERU
- HSEB
- SAW Components
- Fresenius
- FhG

Lighthouses - Strategic Investments

1994 – Modul 1 and 2
2000 – Modul 3



1997 Feb 30
2003 Feb 36



2003 300 mm Fab



ADVANCED
MASK
TECHNOLOGY
CENTER



2004 - CNT



2003 new Campus



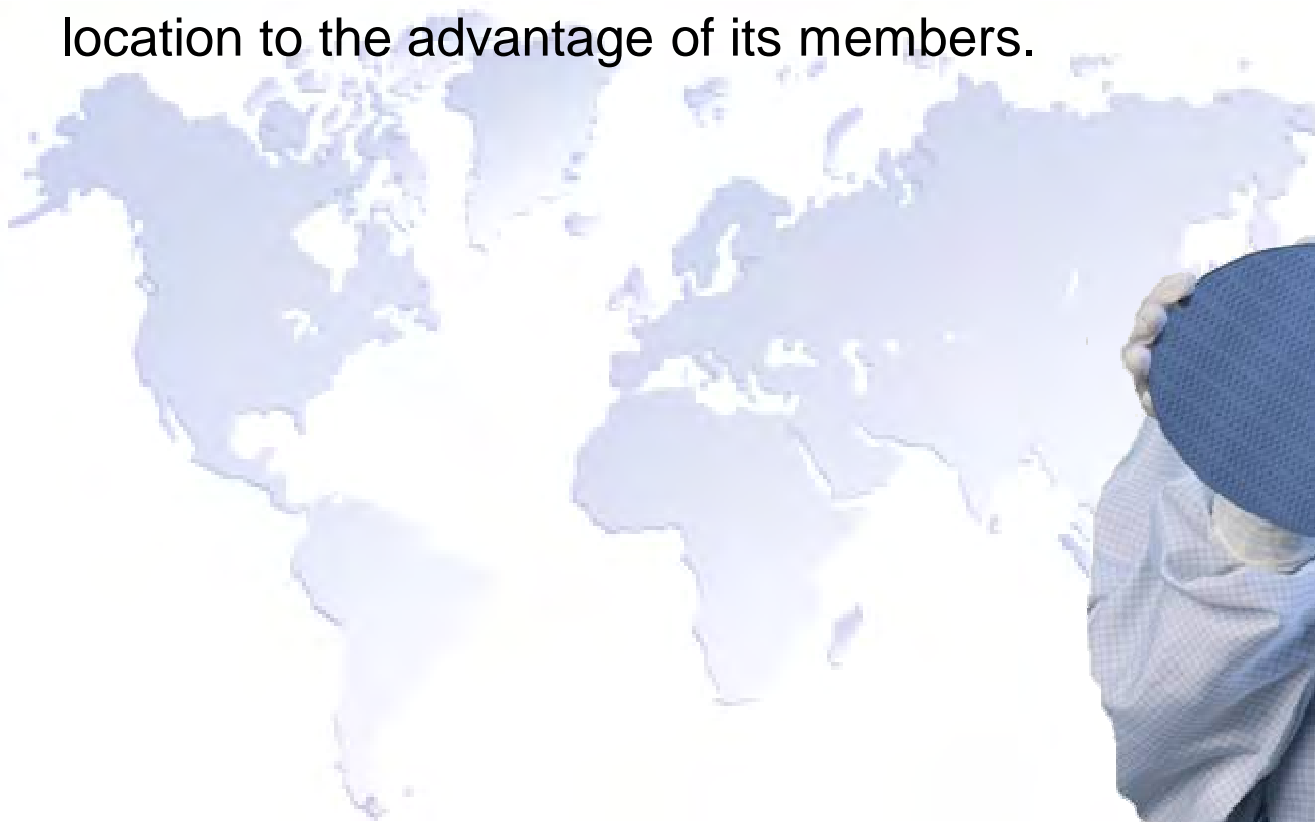
The association Silicon Saxony®

- ▶ Europe's largest **trade association** for the microelectronic industry
- ▶ Established in **2000**
- ▶ **Network** for the semiconductor, electronic and microsystem industry
- ▶ We **connect** manufacturers, suppliers, service providers, colleges, research institutes and public institutions in the economic location of Saxony.
- ▶ **270 member companies** employ approx. 35,000 people and generate 4 billion € turnover/net per year.



Our vision

- ▶ Development of the Saxon region into a **leading and globally successful** microelectronic location to the advantage of its members.



Our mission

- ▶ **Communication** and exchange of information
- ▶ **Partnerships** and forming an alliance to networks
- ▶ Active participation in shaping the **economic development** of the region
- ▶ **Stimulation, promotion and stabilization** of the microelectronic industry in Saxony
- ▶ **Cooperation** network between regional "lighthouses", SMEs, research and education institutes as well as service providers
- ▶ Maintenance of an **information and discussion** basis for all members

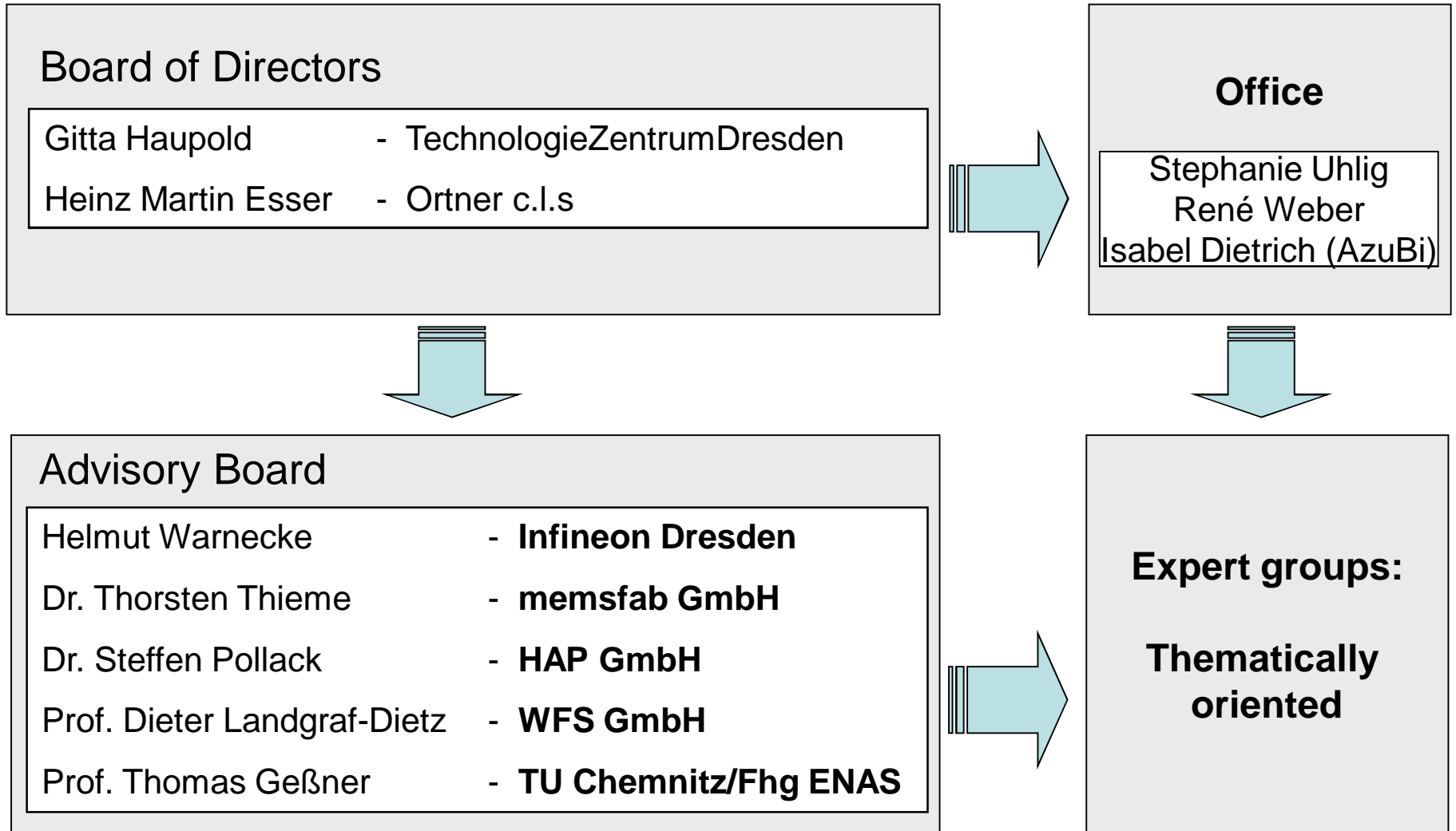


Our national and international activities

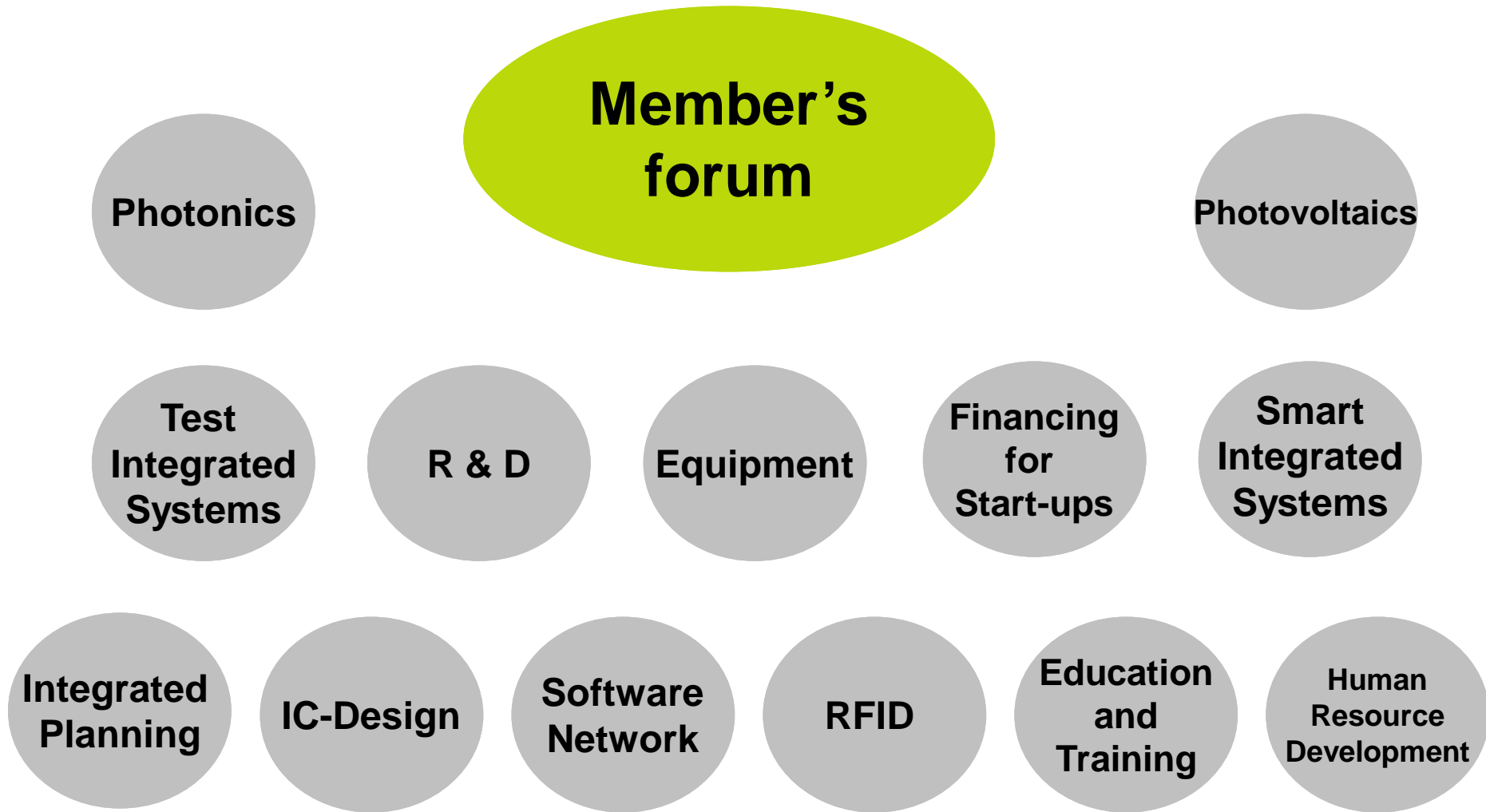
- ▶ Cooperative ventures between companies and research institutes
- ▶ Working groups
- ▶ Trade shows and fairs
- ▶ Sales and marketing events
- ▶ Conferences
- ▶ Branch-specific consultancy and services
- ▶ Cooperation with European and American networks



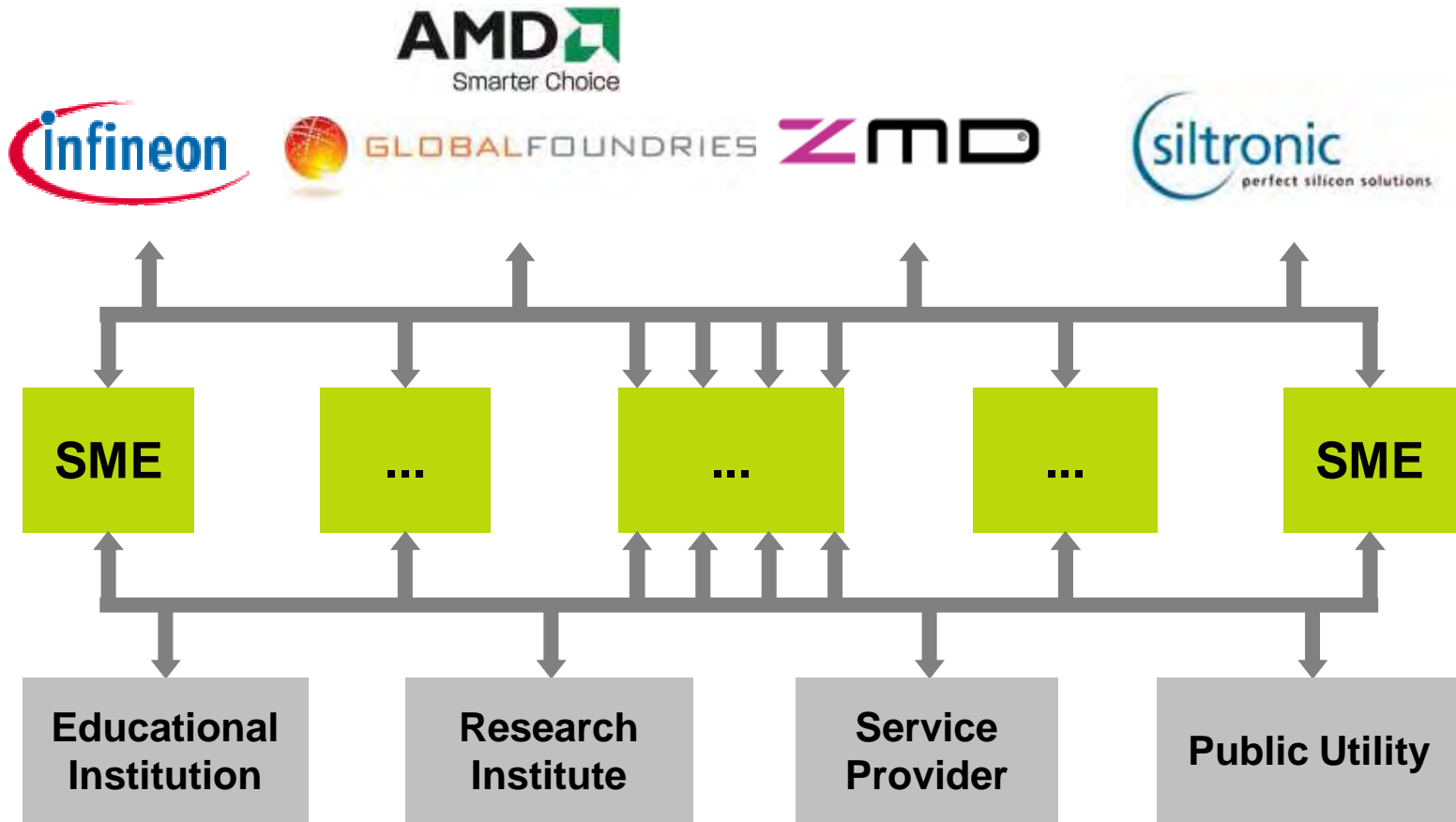
Structure of the association



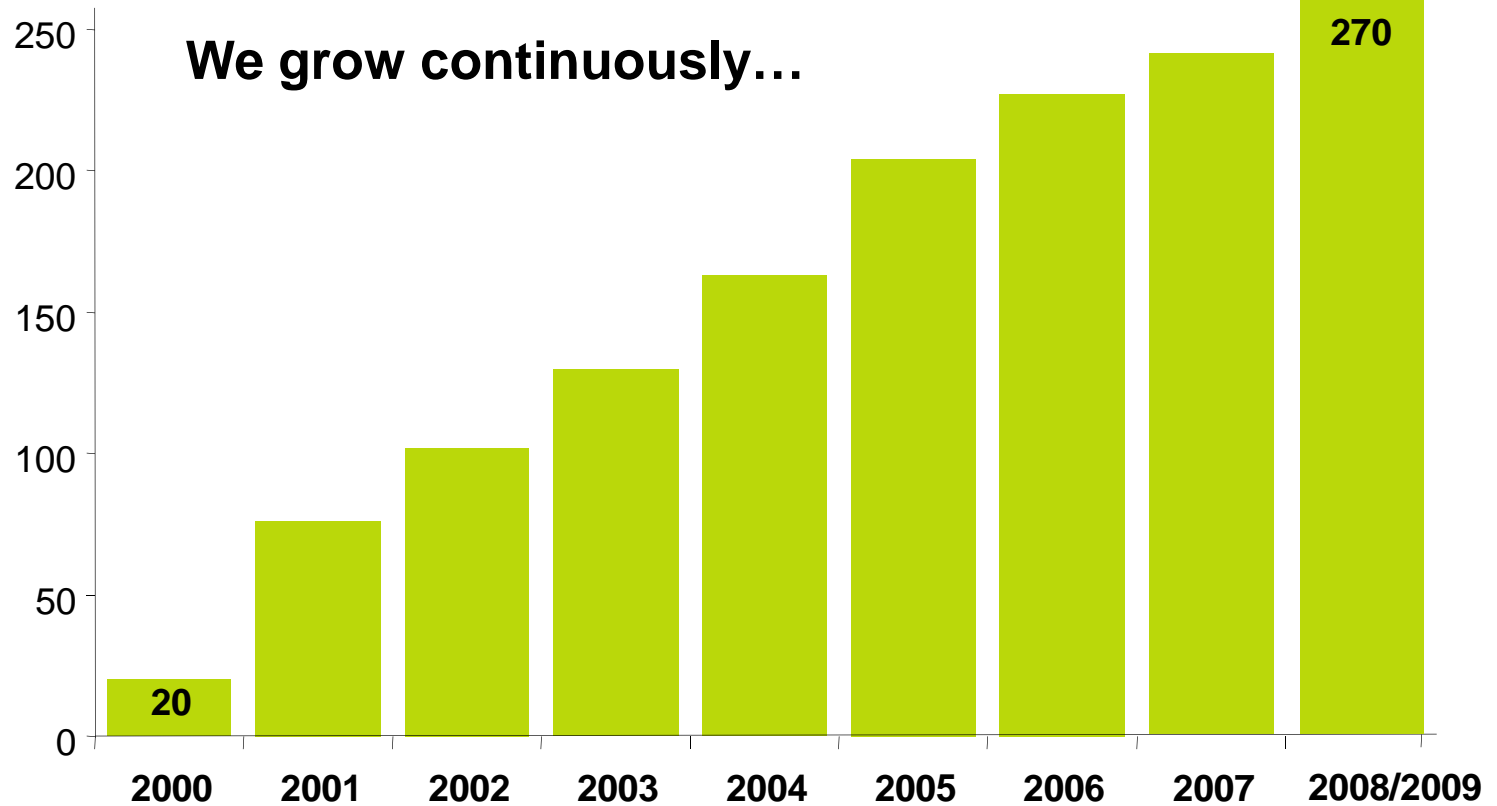
Working groups – „Think tanks“ of the association



Networking principle



Membership development

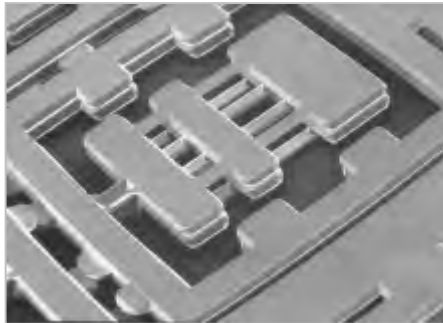


...from **20** founding members at the beginning

..to **270** members up-to-date.

Our member's competence...

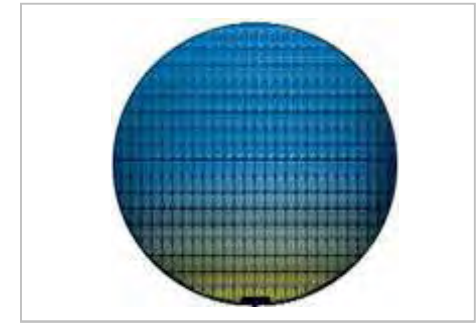
- ▶ ...covers the complete semiconductor value chain



from design ...



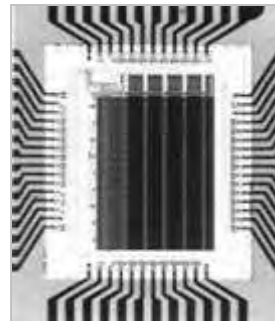
with suppliers ...



about wafer fabrication...



up to application

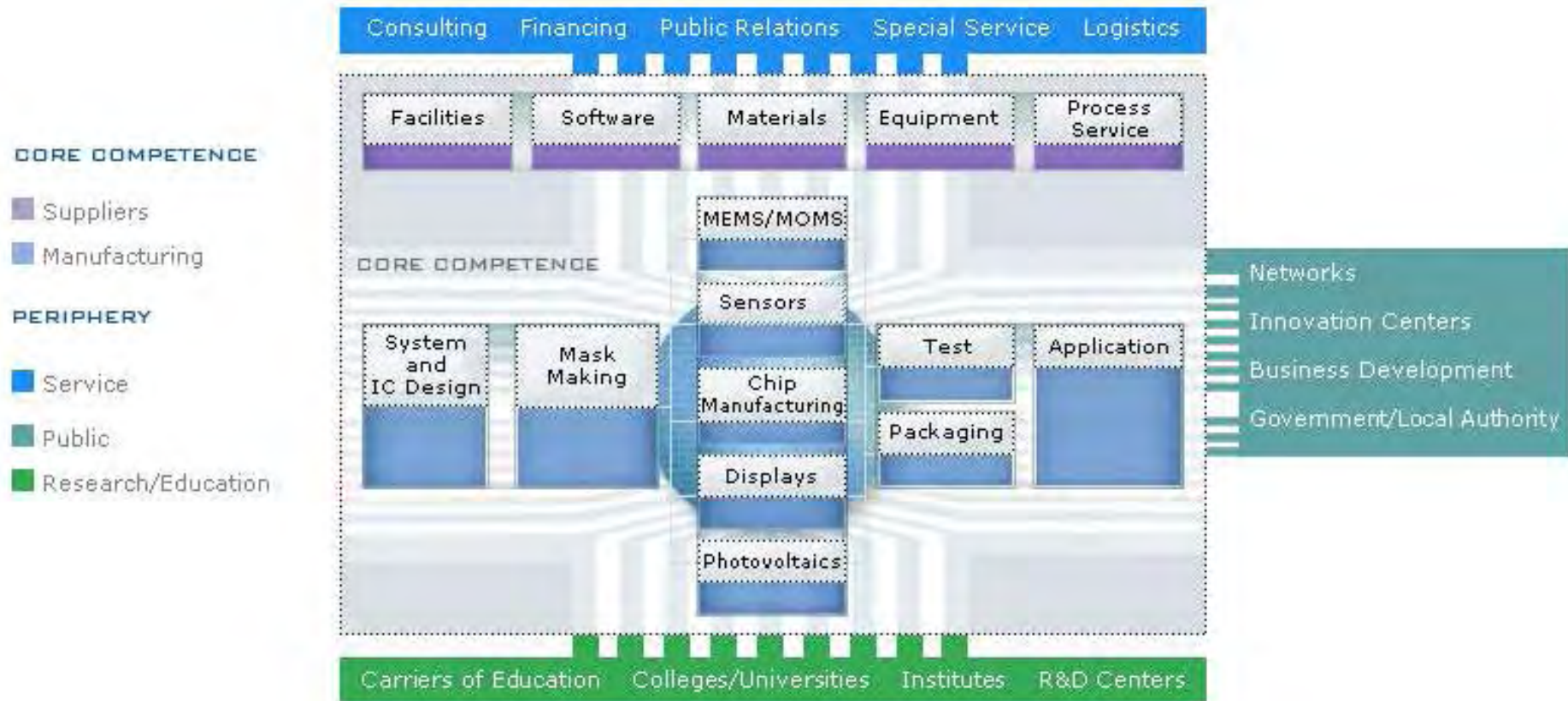


to single chips ...

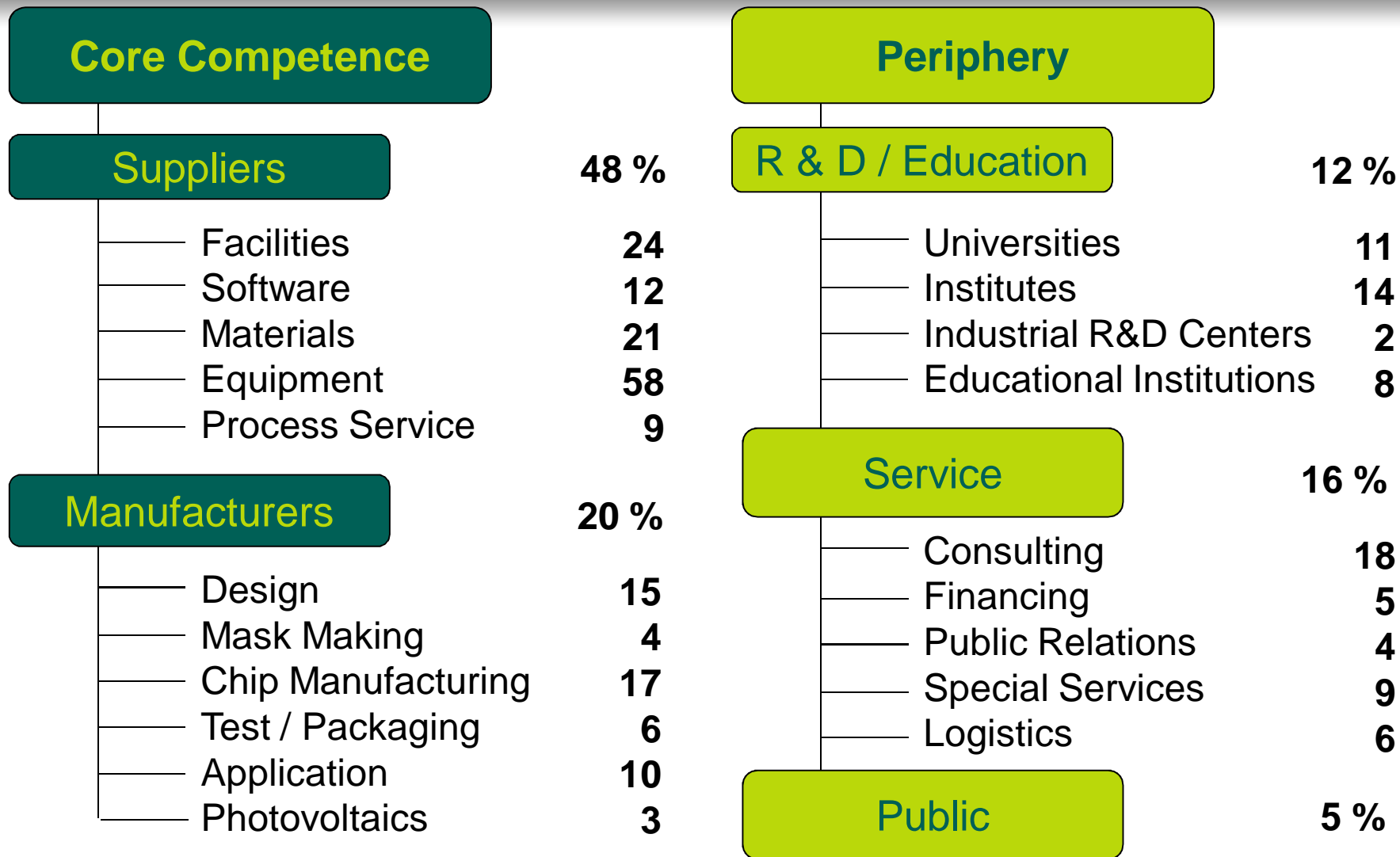


through processing ...

Member's competence at a glance



Members competence - figures



The association's expertise

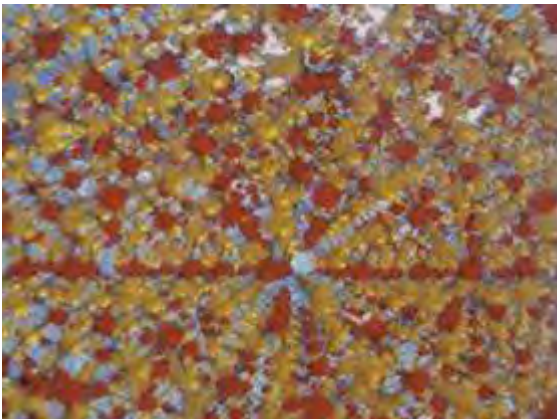
Microsystems



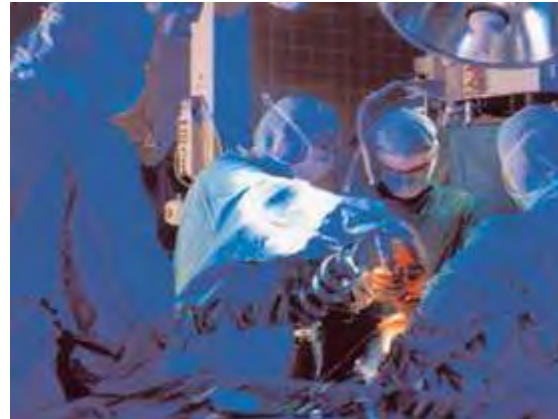
Automotive Industry



Aviation and Aeronautics



Biotechnology



Medical



Solar Technology

Benefits of Networking

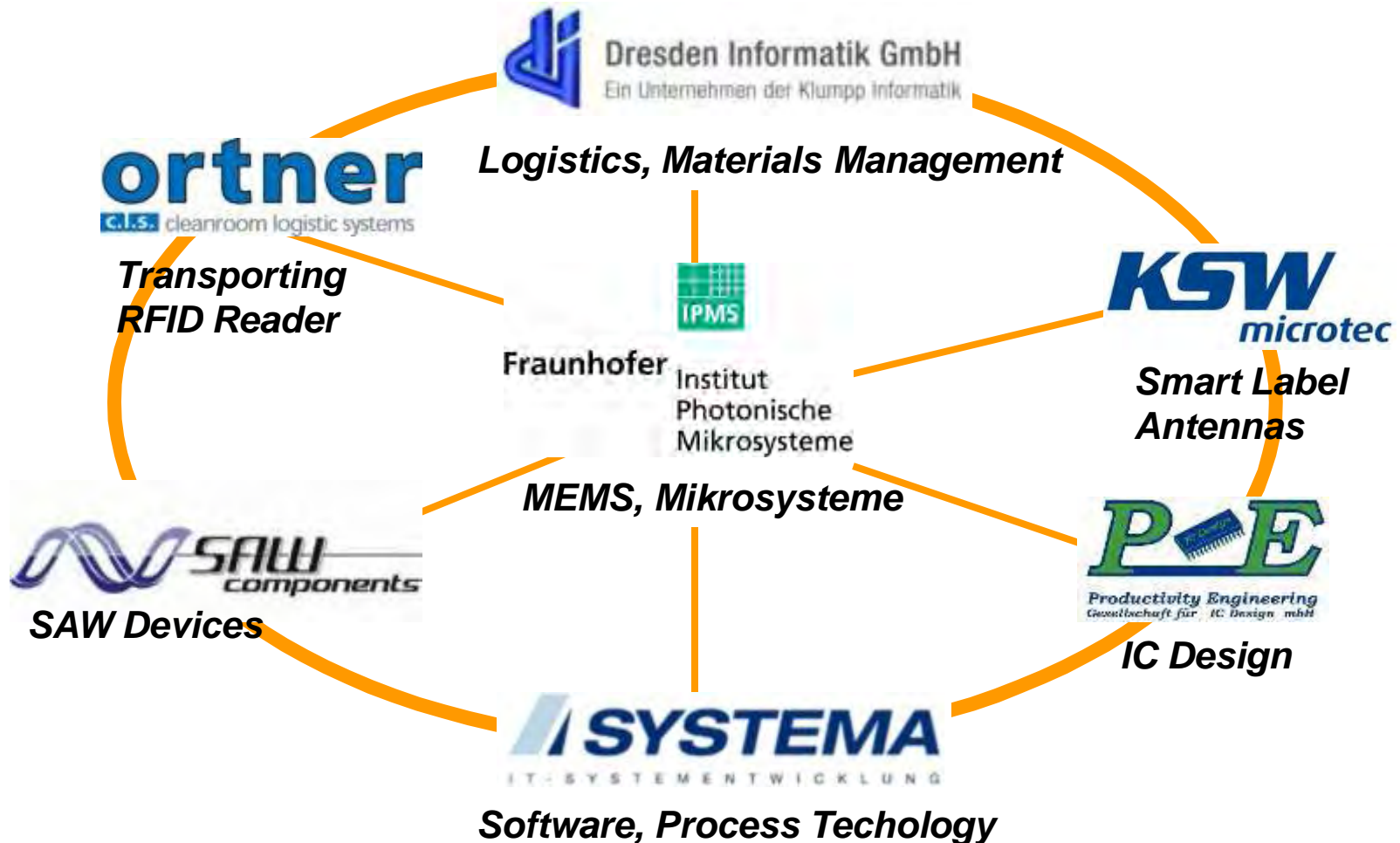
Clusters are more **innovative and productive** than regional spreaded single units.

- ▶ Efficiency
- ▶ Innovations
- ▶ Entrepreneurship
- ▶ Competitiveness

Regional networking allows to create **added value** beyond the limited resources of a single company at **low transaction costs**.



Cluster RFID



Our success factors

Success Factor #1:

Highly committed actors,
open and creative atmosphere

Success Factor #2:

High level of diversity and
flexibility

SILICON SAXONY[®]

Success Factor #3:

Results-oriented structure:
Working Groups and lean
management structure

Success Factor #4:

Networking on national and
international level

Silicon Saxony in the European Union

Internal target:

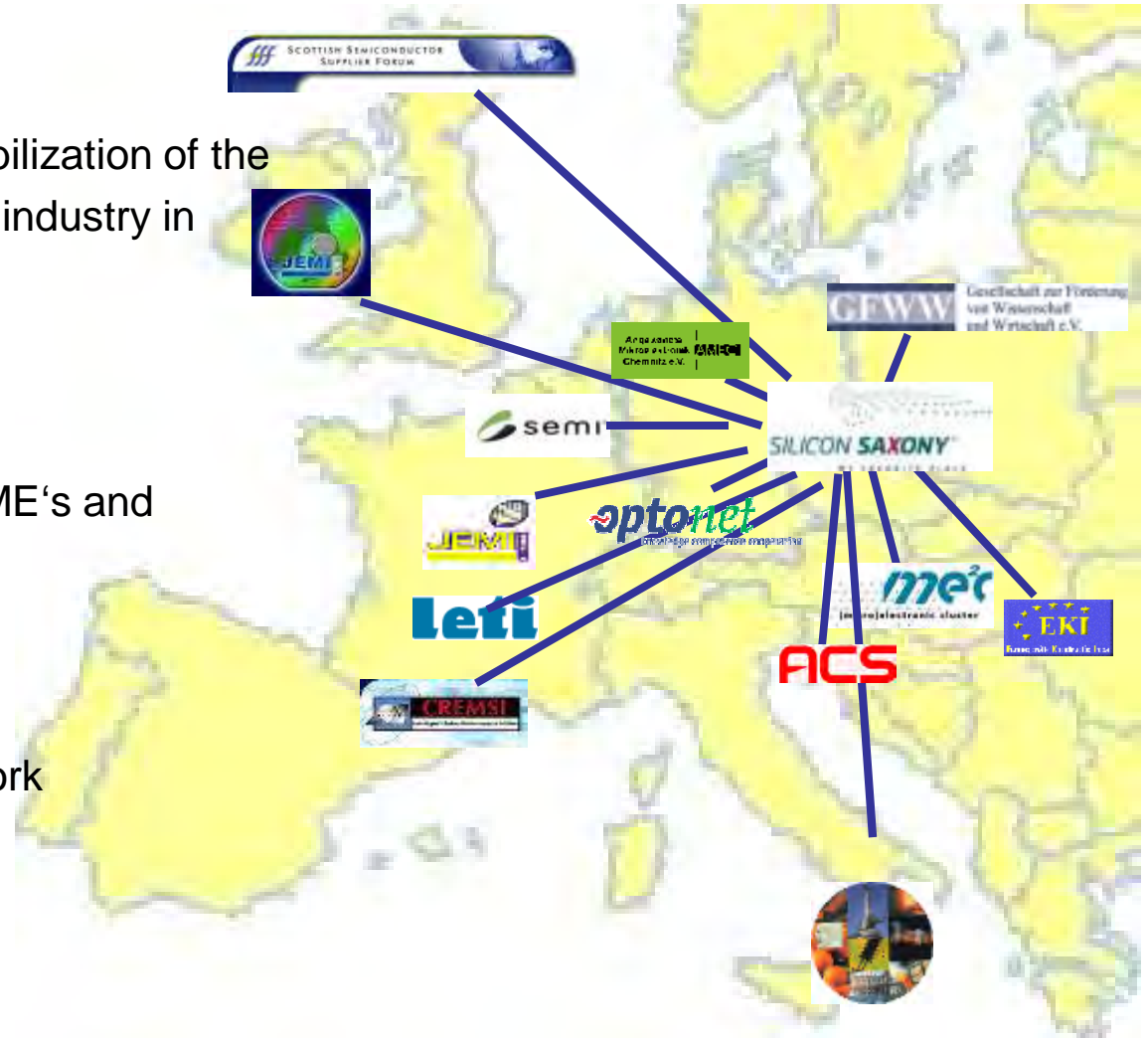
- ▶ Stimulation, promotion and stabilization of the semiconductor / microelectronics industry in Saxony

The way:

- ▶ European collaboration with SME's and organizations

The target:

- ▶ Creation of an European Network

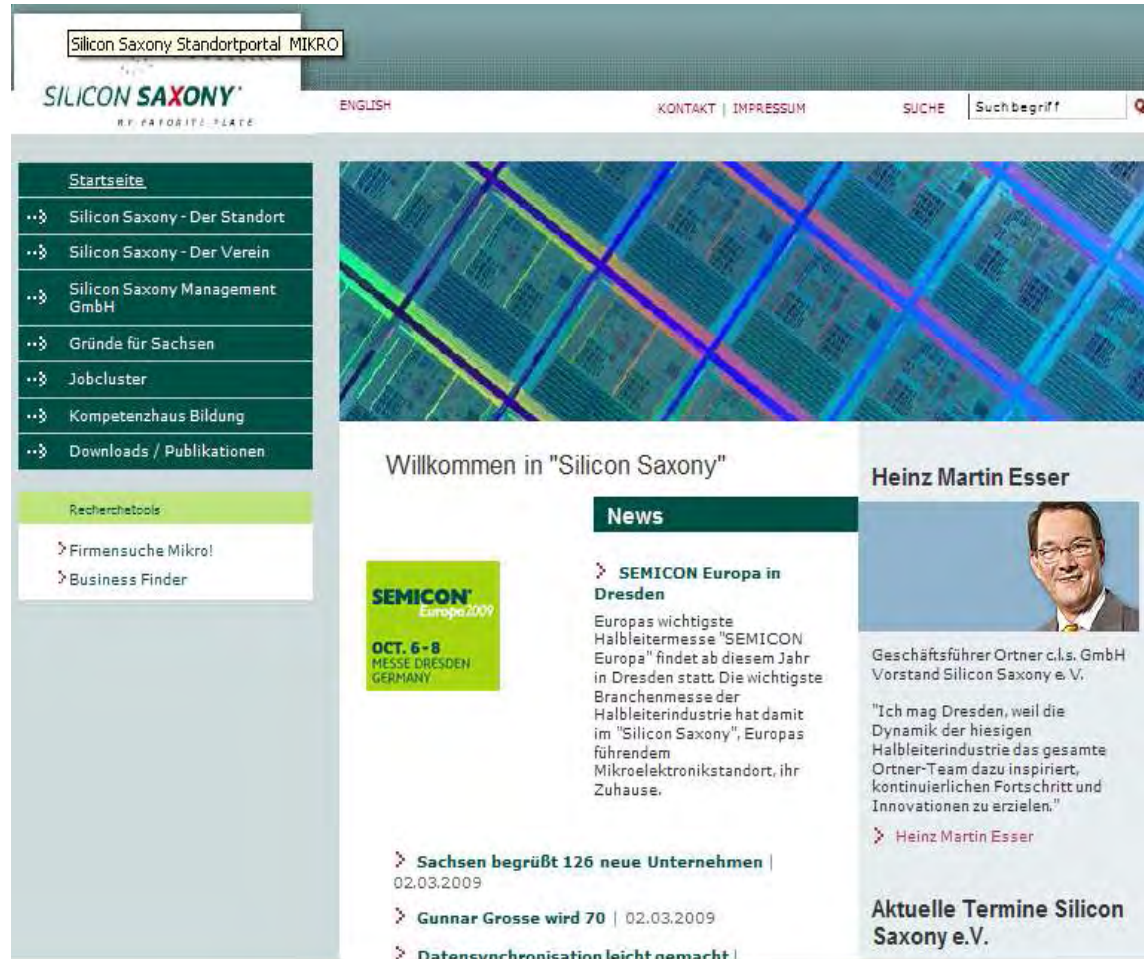


More information

► Please feel free to contact us:

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The screenshot shows the homepage of the Silicon Saxony website. At the top, there is a navigation bar with the logo 'SILICON SAXONY' and the tagline 'BY FAVORITE PLACE'. The navigation bar includes links for 'ENGLISH', 'KONTAKT | IMPRESSUM', and 'SUCHE' with a search input field. Below the navigation bar, there is a main content area with a large image of a microchip. The main content area is divided into several sections: a left sidebar with a menu, a central news section, and a right sidebar with a profile of Heinz Martin Esser. The left sidebar contains links to 'Startseite', 'Silicon Saxony - Der Standort', 'Silicon Saxony - Der Verein', 'Silicon Saxony Management GmbH', 'Gründe für Sachsen', 'Jobcluster', 'Kompetenzhaus Bildung', and 'Downloads / Publikationen'. Below these links are 'Recherchertools' including 'Firmensuche Mikro!' and 'Business Finder'. The central news section features a headline 'SEMICON Europa 2009' with the dates 'OCT. 6-8 MESSE DRESDEN GERMANY'. Below this, there is a 'News' section with a sub-headline 'SEMICON Europa in Dresden' and a short article about the event. The right sidebar features a profile of Heinz Martin Esser, identified as 'Geschäftsführer Ortner c.l.s. GmbH Vorstand Silicon Saxony e.V.', with a quote about his love for Dresden and the industry. At the bottom of the page, there are several news items with dates, such as 'Sachsen begrüßt 126 neue Unternehmen | 02.03.2009'.



SILICON SAXONY[®]

My favorite place



...for working...



SILICON SAXONY[®]

My favorite place

...and living.

