



Innovative Smart Grid Technologies Europe

A Chalmers perspective

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INTERACTION ACROSS THE KNOWLEDGE TRIANGLE

This form of interaction provides Chalmers with a vital and continuous supply of knowledge, competence and partners.

- Attractive knowledge platform
- Responsible partnership
- Forefront competence building place

DRIVING FORCES

Innovation

Entrepreneurship

Sustainable future



AREAS
OF
ADVANCE

Information & Communication Technology
Transportation
Materials Science
Energy
Production
Built Environment
Life Science
Nanoscience & Nanotechnology

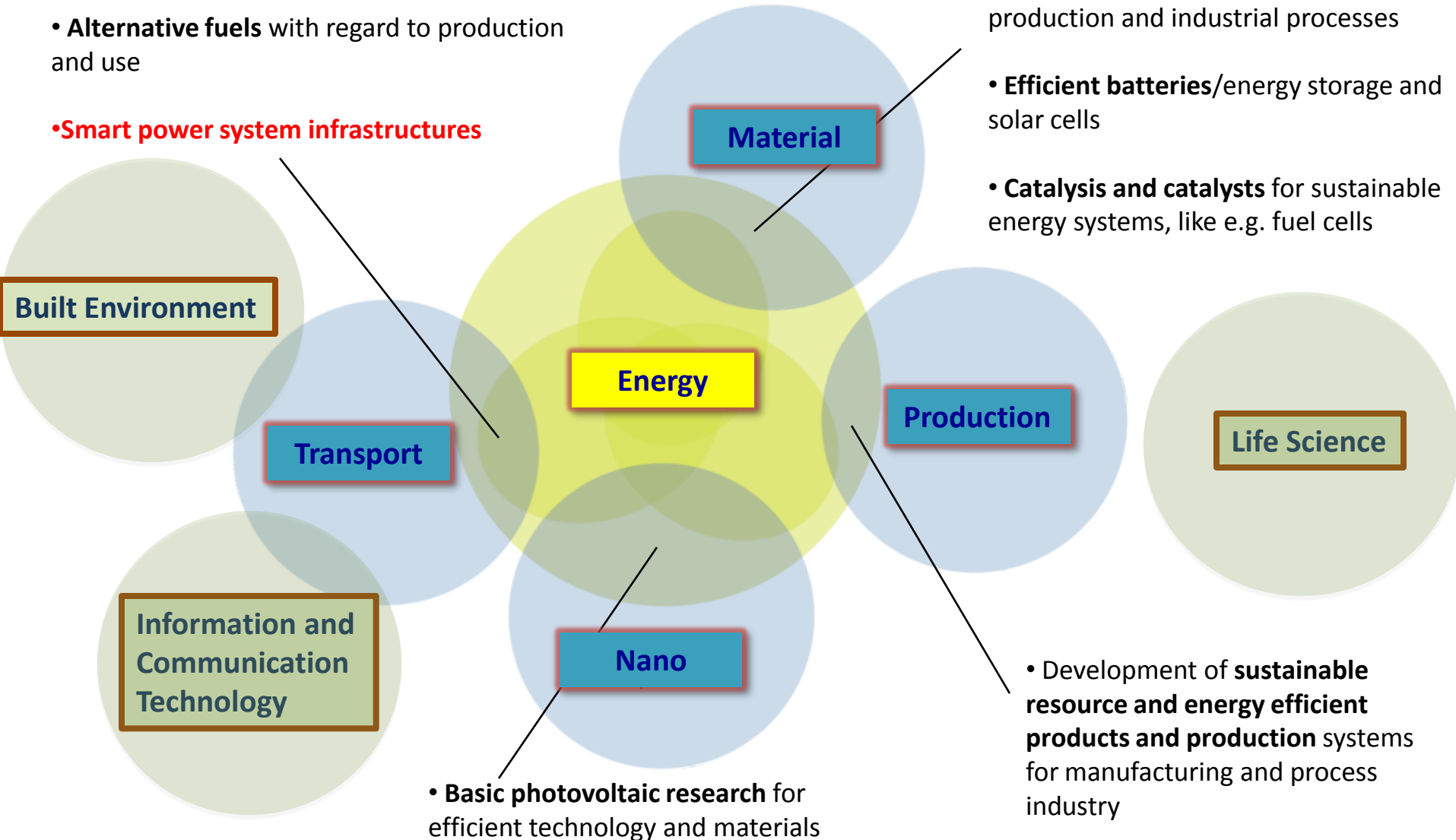
BASIC SCIENCES

Areas of Advance – Energy

“Cross-over fertilisation”

- Co-operation in **Swedish Hybrid Vehicle Centre**; e.g.. efficient engines, new drivelines and technology for electric vehicles
- **Alternative fuels** with regard to production and use
- **Smart power system infrastructures**

- Research on **high temperature corrosion** for efficient energy production and industrial processes
- **Efficient batteries**/energy storage and solar cells
- **Catalysis and catalysts** for sustainable energy systems, like e.g. fuel cells



CHALMERS - FOR A SUSTAINABLE FUTURE

With excellence in research and education as our currency, the Areas of Advance reinforce the university's collaboration with partners all over the world.

Areas of Advance

INTERPLAY

Public

Private



CHALMERS

