

## HOW?

### Pilot Projects

In a total of twelve pilot projects, interdisciplinary teams at the Fraunhofer Institutes and the university are developing sustainable solutions with a high potential for innovation.

### Anchor Projects

In anchor projects, companies collaborate with Fraunhofer and the university.

Our first anchor partner is the Georg H. Endress Foundation.

### Anchor Project „Tech Center i-protect“

Together with Daimler and Bosch we develop new concepts for automotive safety.

### Institute for Sustainable Systems Engineering (INATECH)

The INATECH forms the engineering core of the Sustainability Center as third institute at the University of Freiburg's Faculty of Engineering with up to 14 new chairs.

### Network & Events

- Sustainability Sessions
- Events for initiating a dialogue with society
- Science days and transfer sessions for companies
- Summer schools for students and doctoral candidates

## CONTACT

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SUSTAINABILITY CENTER

FREIBURG



## WHY?

Today, our society finds itself confronted with the following enormous challenges:



### Scarcity of Resources

We need to learn how to deal with the finite nature of raw materials like oil as well as other vital resources like land and water.



### Energy Transition

We need to ensure that electricity and heat production are at all times fail-safe, climate-neutral, and affordable in our future energy system.



### Complex Risks

We need to study and reduce risks resulting from the rapidly increasing complexity and integration of our critical infrastructure systems.



### Climate Change

We need to keep working to put a stop to climate change. At the same time, we need to intensify research efforts aimed at adapting our society to handle the consequences.

## WHAT?

Scientists at the Sustainability Center investigate solutions for all facets of sustainable development – from its foundations to practical applications – and then implement them in concrete innovations.

### Research Topics



#### Sustainable Materials

New and further development of (bio-based) materials, lightweight construction, recyclability, etc.



#### Energy Systems

Efficient and sustainable energy conversion, energy storage, energy use, etc.



#### Resilience Engineering

Increasing security, reliability and adaptability of complex systems, etc.



#### Societal & Ecological Transformation

Handling of local and global processes of change and the means of controlling and influencing them, etc.

## WHO?

The Sustainability Center is an alliance between all five Freiburg Fraunhofer Institutes, the University of Freiburg, sustainability-minded companies, and relevant societal actors.

