



The Fraunhofer Institute for Silicate Research ISC is one of the leading Bavarian R&D centers for material-based research and development in the fields of energy, environment and health. With a permanent staff of about 480 scientists and technicians the Institute works to develop innovative materials and technologies for sustainable products and make essential contributions to solving the major global issues and challenges of the future.

Fraunhofer ISC combines first-rate expertise in materials science with long-standing experience in materials processing, industrial application and the upscaling of production and process technologies to pilot scale as well as in materials analysis and characterization. With its parent Institute and the Translational Center for Regenerative Therapies in Wuerzburg, its Project Group for Materials Recycling and Resource Strategies at Alzenau and Hanau, and its Center for High-Temperature Materials and Design HTL at Bayreuth, the Institute is involved in a multitude of joint projects on national and international scale.

As parent institute to quite a number of different entities, the Fraunhofer ISC is privileged to combine first-rate expertise in materials science with long-standing experience in materials processing, application and analysis. The Institute's research focuses on affordable health care, sustainability, and resource and energy efficiency.

The Fraunhofer ISC, with its Translational Center Regenerative Therapies, its Project Group IWKS and the Center HTL, is a strong R&D partner for industry whenever it comes to quality assurance or investments into the future.





The International Sustainable Chemistry Collaborative Center (ISC₃) is a new globally acting collaboration center, that connects experts from industry and science with stakeholders from civil society and the public sector to enable innovation on all levels of chemical production and use. Acting as an innovation and dialogue platform, a think tank and an education hub the ISC₃ supports the global breakthrough of Sustainable Chemistry.

At ACHEMA, the ISC₃ showcases innovations in Sustainable Chemistry in cooperation with Think Beyond Plastic™, an innovation accelerator that advances commercialization of research and innovation for circular materials, circular design, green chemistry and innovative packaging design. Think Beyond Plastic™ has been advancing a global, multi-disciplinary effort to accelerate the pace of innovation and to support commercialization of bio-benign materials, associated manufacturing and innovative packaging design utilizing these new materials. Together with Think Beyond Plastic™ the ISC₃ presents five examples of Sustainable Chemistry innovation for the new plastics economy.



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Cooperation made possible by our partner
Think Beyond Plastic™:

