

CORNET Call for Proposals: International Collective Research
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Organisation:	SKZ – German Plastics Center
Website address:	https://www.skz.de/en/
Organisation typology:	<input type="checkbox"/> SME Association <input type="checkbox"/> University <input checked="" type="checkbox"/> Research Centre <input type="checkbox"/> Other (please specify)
Sector:	<input checked="" type="checkbox"/> Materials <input checked="" type="checkbox"/> Process Engineering, Energy Technology and Environment <input type="checkbox"/> Business Management and Organisation <input checked="" type="checkbox"/> Construction and Production <input type="checkbox"/> Chemistry, Textile, Food, Health and Medical <input checked="" type="checkbox"/> Measurement and Information
Field of specialisation:	<p>We deal with the entire plastics value chain: from material to production to product with quality assurance in the process and quality assurance of the finished product.</p> <ul style="list-style-type: none"> - Materials (e.g. thermoplastics, cross-linked plastics, composites, dispersions) - Production processes (e.g. injection moulding, additive manufacturing, compounding, extrusion, blow moulding, welding, bonding and composite production), - Testing and measurement technology (e.g. non-destructive testing, spectroscopy, component properties) - Sustainability and recycling - Automation and digitalisation

<p>Expertise offered:</p>	<p>SKZ – German Plastics Center has been providing technology transfer to the plastics industry for over 60 years. The research and development activities of SKZ are executed by SKZ - KFE gGmbH, which cooperates mainly with SMEs. The mostly pre-industrial projects (approx. 100 publicly funded research projects and approx. 600 bilateral development projects per year) focus on materials, production processes, testing and measuring technology as well as sustainability and recycling, automation and digitalization with a focus on the plastics industry. The results are directly used in companies to support new product and process development and improve quality and efficiency. SKZ operates ca. 25.000 sqm lab and technical facilities with modern machinery and equipment. Further SKZ offers education and training (more than 10,000 participants at our 6 training locations in Germany and many more at in-house training courses worldwide) as well as industrial research, testing and consulting on materials and processes as well as quality assurance of plastic products. It is supported by the FSKZ e.V. association. The association has more than 430 members (approx. 340 companies, of which approx. 250 are SMEs, approx. 55 associations and approx. 30 research institutes).</p>
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