



## New Business Areas

The German Plastics Center SKZ is the reliable partner for all kinds of services in the field of plastics processing. The comprehensive portfolio of SKZ ranges from training courses, certifications and R&D services to the testing of finished products, offering everything a plastics processing company needs in order to produce high-value, innovative products at a high quality. These product innovations often require customized or even newly developed methods to test the quality. „New Businesses“ surveys these developments and expands the test program offered by our testing laboratory accordingly. Thus, we are gradually extending our pipe testing by adding testing methods for pipes and plastics materials which are intended for the distribution of potable water. With this approach we want to offer our customers inspection and testing from a single source extended by the expertise of potable water applications.

Thanks to the continuous advancement of knowledge, today's products and compounds are considerably more efficient than 20-30 years ago. This results in even greater demands on testing. Modern test methods have to work much more precisely and, at the same time, as quickly and cost-effectively as possible. Due to the close cooperation with the R&D division of SKZ, we can employ cutting-edge procedures for the products of our customers. This way you receive accurate test results in the shortest period of time. A prime example is the high-pressure autoclave technology which is used for the accelerated simulation of thermo-oxidative ageing. So far mainly applied in the field of geosynthetics, this technology can test an ageing process of approx. 100 years within just a few weeks, whereas conventional tests usually take more than 1 year.



The testing laboratory of SKZ always bets on state-of-the-art equipment and methods, thus guaranteeing precise results for our customers. By participating in various standardization committees we are striving to integrate these methods in the relevant standards in order to achieve a high degree of quality assurance. Along with extending and enhancing the testing services, „New Businesses“ observes and accompanies topics of future relevance for the plastics industry so that we can offer our customers and the SKZ network customized solutions at an early stage. Thus, in the future market of biopolymers we can already today determine the content of renewable resources in the polymer by means of the C14 method (Advanced Mass Spectrometry (AMS)).

As a competent partner to the plastics industry it is part of our corporate identity to address new developments and trends early on. For this reason our „New Businesses“ will continue operating in a target-oriented way in future markets.

### Key activities:

- Biopolymers
- Hygiene and microbiology
- Development-accompanying test
- Open Innovation
- Evaluation of formulations
- Electromobility

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## The address – when it comes to plastics.

As the largest plastics institute in Germany we offer practical solutions – tailored exactly to your requirements. For the past 50 years now we have seen ourselves as a partner to the plastics industry providing extensive system expertise:

By means of **Testing and Quality Assurance** we support your product policy, supplying you with valuable arguments for your key markets. With more than 10,000 participants each year, we are the market leader for **Training and the Transfer of Knowledge** in the field of plastics. Our **Research** division bets on the development and improvement of production technologies in line the market requirements. With the **Certification of Management Systems** we offer you the best prerequisite for efficiency and economic success.

**Reliable partners at SKZ!** The managing directors from left to right: Dr.-Ing. Peter Heidemeyer (Research), Robert Schmitt (Certification), Prof. Dr.-Ing. Martin Bastian (Chief Executive Officer), Dr.-Ing. Gerald Aengenheyster (Product Quality), Dr.-Ing. Ulrich Mohr-Matuschek (Training)

## Become part of a strong community!

With more than 300 members, the association for the promotion of the SKZ currently constitutes the most important and dynamic network in the field of plastics. Benefit from the numerous opportunities for cooperation achieved through the networking of experts from all areas of the plastics industry. Our network reflects the wide spectrum of the industry and offers excellent opportunities for the cooperation of economy, science and politics. For further information, please visit [www.skz.de](http://www.skz.de) or contact us at [fskz@skz.de](mailto:fskz@skz.de)

**SKZ – Das Kunststoff-Zentrum** | Testing, Quality Assurance, Certification

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