

# TV-Service – Seeing is believing

BASF in motion

[tvservice.basf.com](http://tvservice.basf.com)

## Biodegradable products for a circular economy – symbiosis of chemistry and biology

Footage material

**Our customers and society are increasingly looking for sustainable innovative solutions. And innovations based on chemistry are often the key to solve the challenges like climate change, scarce resources and to enable a circular economy. Effective and efficient R&D is a prerequisite for innovation. With approximately 10,000 research and development employees around the globe and R&D hubs in Europe, Asia and the US, BASF develops sustainable solutions for its customers every day.**

Finding and developing the materials of the future is one of BASF's main research goals. For example, we have been developing biodegradable and bio-based polymers for around 25 years. To find the most suitable material for each application, we need to examine the environmental, social and economic impacts over a product's entire life cycle. International co-operations with world leading academic institutes as well as digital tools like our own supercomputer used for advanced Predictive Biodegradation Modeling are now speeding up R&D processes significantly – helping us to develop more sustainable materials that contribute to a circular economy.

**For further information:**

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## (01) BioPolymers – Sample preparation and analysis ecovio® products (25.04.2022 / 4'20 / ATMO / Footage)



**A large amount of our household waste is organic matter e.g. rests of potatoes or salads. To bring this valuable organic matter into the nutrient loop as compost, the collection of the organic matter in a hygienic and efficient way is needed.**

The certified compostable ecovio® bags contribute to this task in a valuable way. To develop these certified compostable ecovio® products, a deep understanding of biodegradability is needed. This understanding is elaborated in the research laboratories of BASF since years through a symbiosis of Chemistry and Biology.

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