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## **RENAISSANCE OF CELLULOSE-BASED FILMS - CELLOPHANE 4.0**

Cell2Green is a young company in the field of sustainable packaging solutions. Our mission is to develop environmentally friendly alternatives to conventional plastics and thus make a contribution to protecting our planet. With innovative technologies and a strong focus on research and development, we are setting new standards in the packaging industry.

In this presentation, we will showcase the latest advances and applications of cellulose-based Cell2Green films. Cellophane, one of the oldest and most proven plastic alternatives made from regenerated cellulose, is being reborn as a sustainable packaging solution thanks to state-of-the-art technologies.

**During the presentation, we will highlight the advantages of Cell2Green technology in terms of**

### **Innerhalb des Vortrages beleuchten wir die Vorteile der Cell2Green-Technologie im Bezug**

1. **sustainability:** Cell2Green films are completely biodegradable in soil and water within a very short time. Fully home and industrially compostable, making it an ideal alternative to conventional plastic packaging. Contrary to petroleum-based plastics, Cell2Green leaves no microplastics behind, helping to reduce pollution.
2. **versatility:** The new generation of Cellophane films is extremely versatile and can be used in various applications, including food packaging, medical packaging and industrial applications. Our simple process allows for easy implementation of customized properties
3. **circular economy:** Cell2Green is committed to a circular economy where waste is reduced and resources are used efficiently.
4. **health safety:** Cell2Green is free from harmful chemicals and plasticizers found in many plastics. This makes it particularly suitable for direct contact with food and other sensitive products. Our technology ensures that no harmful substances get into the packaged products.

At Cell2Green, we are convinced that the future of packaging lies in sustainable and environmentally friendly materials. With our films, we set a new standard for sustainable packaging solutions and actively contribute to the reduction of plastic waste and environmental pollution. Our vision is a world in which packaging not only fulfills its function, but also has a positive impact on the environment.