

PAPER BIO PACK

WHAT'S THE FUTURE
OF PACKAGING IN
CENTRAL EUROPE?

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 PA Case study descriptions

Pilot Action case studies in general

- Pilot actions carried out in six countries, in three phases with 21 participating companies
- The outputs served to finetune and verify the business support service, the cross-sectoral approach in technology transfer processes, and market and economic feasibility assessment



- Case studies are used in communication activities after the project and in conference presentations
- Results are included in the Handbook "Sustainable Paper Plastics Design" and serve as an inspiration for other companies to make use of the business support service
- Disseminated among companies and R&D institutions



Pilot Action case studies in Hungary

- Pilot actions carried out with small- and medium sized players of the hungarian packaging value chain
- Participating companies:
 - CLB Packaging
 - Müller Paper
 - **UgrinPack**



Pilot actions at UGRINPACK

FOUNDATION: 1991

EMPLOYEES: small size
company

KEY PRODUCTS/ SERVICES:

production of flexible
packaging materials

packaging of promotional
products

production of POS products

packaging of blister products

KEY MATERIALS:

flexible packaging
materials

rigid packaging materials

blister

POS



UGRINPACK

MINŐSÉGI CSOMAGOLÁSTECHNIKA

AZ ÖN IGÉNYEIRE SZABVA



Considering the financial position and strategy of the participating small packaging company and taking into account the Hungarian market demands the best solution in the **first round of pilot actions** was to replace PE (polyethylene) to Ecovio.

During extrusion coating, switching from PE to a compostable version can be very costly, therefore, based on our other suggestion, we have also recommended a dispersion lacquer that can be applied with a suitable lacquer coating technology. Its conversion cost is much lower and has almost the same barrier water and barrier properties. In order to test our preconceptions the company has participated in the **second round of pilots** as well.



PILOT ACTION CASE STUDY DESCRIPTIONS



The basic paper



Coating of the paper with recyclable and compostable dispersion coating layer



Drop forging of the paper cup samples



Paper cup samples ready for placement in the machine



In the second pilot action several case study scenarios were tested regarding material type and industrial technology in order to find the most cost effective and environment friendly innovative solution to produce paper cups at Ugrinpack.



Find out more about
the case study of UGRINPACK:

www.tbpc.com/casestudies





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