

IMPROVING ENVIRONMENTAL IMPACT OF PREFORM PRODUCTION



Loan Amount	€ 349,000
Grant amount	€ 52,350
EU Directives met	Regulations on food safety, waste and health & safety
Invested in	New edge banding machine Stream A/6.0 PET preform tool/molds Blowing machine - Bway 5-10 / 2K
Energy Savings and GHG reduction	166 MWh/y 39 tCO ₂ /y

Implementation Consultants



The Skopje-based company **Bas Tuti Fruti Dooel**, founded in 1992, is a manufacturer of PET preforms and bottles for the domestic and the international markets. Around 50% of the company's production is currently destined for the markets of Albania and Kosovo.

The company's facilities comprise the production of PET preforms (injection molds), blowing preforms and forming bottles (Blow Molding).

The company is certified according to the BRC/ IOP global standard for packaging and packaging materials and it works in line with national and EU standards on plastic materials in contact with food.

The new blowing machine and PET preform tool/ molds reduces waste generation. Occupational health and safety conditions are improved as the process is now completely automated, eliminating the risk of injuries and also through a significant reduction in noise.

The investment improves product quality and product quality consistency. The new PET preform tools/molds reduce variation in preform dimensions, improving downstream equipment performance, enabling the company to increase its exports.

The company received free technical assistance to optimize its investment project and 15% grant cash-back after the successful project verification, funded by the European Union.

With the investment, the company now meets a wide variety of standards including:

- Regulation (EC) No 852/2004 on the hygiene of foodstuffs
- Regulation (EC) No 1935/2004 on materials and articles intended to come into contact with food and repealing Directives 80/590/EEC and 89/109/EEC
- Commission Regulation (EU) No 10/2011 of 14 January 2011 on plastic materials and articles intended to come into contact with food
- Directive 2006/42/EC on machinery, and amending Directive 95/16/EC (recast);
- Directive 2008/98/EC on waste.