



**İSTANBUL
PROJE
AKADEMİSİ**



MARMARA ÜNİVERSİTESİ
İNNOVASYON VE TEKNOLOJİ
TRANSFER UYGULAMA VE
ARAŞTIRMA MERKEZİ





Horizon Europe Cluster 6:

Food, Bioeconomy, Natural Resources,
Agriculture and Environment Brokerage Event





Project Idea / Field of Expertise :

50 years of expertise in the flexible packaging industry

Organisation Name:

Elif Plastik Ambalaj San. ve Tic. A.Ş.
(*Huhtamaki Flexibles İstanbul*)

Addressed Topic(s) & Call(s):

Cluster 6 (CircBio - Farm2Fork etc.) - CBE JU

HORIZON-CL6-2023-D3-01

HORIZON-CL6-2023-D7-01

HORIZON-CL6-2023-FARM2FORK-01-16

HORIZON-CL6-2023-CircBio-01-7

HORIZON-CL6-2024-CircBio-02-2-two-stage



Elif Plastik Ambalaj San. ve Tic. A.Ş.

(Huhtamaki Flexibles İstanbul)



Elif, a Huhtamaki company, is a benchmark flexible packaging provider in Istanbul. Since September 2021 Elif has been part of Huhtamaki, a key global provider of sustainable packaging solutions for consumers around the world.

We are committed to achieving carbon-neutral production and designing all our products to be recyclable, compostable, or reusable by 2030.

OPERATING LOCATIONS

114

OPERATING COUNTRIES

38

EMPLOYEES

19,564



Huhtamaki Flexible Istanbul

- Production start: 2004
- Size: 110.000m²
- Capacity: 65.000 tons
- Employees : 1100 - 1200



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Extrusion

According to the packaging requirements of product, polyethylene raw materials with various properties are converted to single mono-layer or multi-layer films using the co-extrusion technique.

The physical characteristics of the material are produced using specific techniques in extrusion department with the know-how, expertise and capabilities of the experienced Extrusion Team of Elif together with R&D Department.



Printing

Elif is highly regarded for its extensive experience in Flexoprinting technology.

Elif ensures continuity in high quality standards of Flexo printing thanks to close tracking of innovations in technology, fast adoption and development of these new solutions and state of the art 10 color printing machines.



Lamination

Elif's competent Lamination Team and advanced lamination lines meets functional requirements of its customers like protection, lastingness, permeability and barrier, aesthetical and visual expectations, or all multi-layer film requirements emerged by regulatory concerns.

Elif is capable of producing multi-layer laminated films consisting of the combination of various flexible materials with different properties using solvent and solvent-free techniques.



Slitting

Elif high performance slitting lines with the capability of laser scoring and mechanical perforation meet different customer expectations for all formats



Bag Making - Pouch

Continuously extending its wide range of converting lines, Elif, is known as a benchmark company especially in hygiene bag production in addition to various different types of bags serving food & beverage, baby, feminine and adult care, household & laundry care, cleaning tissue retail sectors and pouch.



Plastic Recycling

Plastic Recycling Machine

Our project idea / expertise

Elif R&D center has an expert staff of 30 people in a 1000 m2 residential area. Research and development projects are carried out in product and production processes in the field of flexible packaging. Projects are mainly in the types of technology development, technology demonstration, and system/subsystem development.

The laboratory infrastructure has more than 30 test devices. The main devices are: DSC, FT-IR, Hot Tack, Seal Test, Cof, Zwick Test, Rub Off Test, WVTR, OTR, Gas Permeability Tester, GCMS, Gelboflex, Glossmeter, Spectrophotometer, Microtome, Autoclave

2022 Award –Winning Product Innovations



ElifProLite

A recyclable high-barrier mono PP laminate. Solution with excellent film performance and processability for high-speed packaging applications.

Packaging Materials & Composites, Worldstar'22



High-Barrier Mono PE Pouch

A recyclable high-barrier mono PE pouch printed with electron beam technology, which offers a reduced carbon footprint.

Flexible Packaging, Crescent & Stars of Packaging



ElifPCR

ElifPCR is an eco-cyclic packaging solution containing high-quality post-consumer recycled materials recovered from commercial, industrial, and household waste.

Flexible Packaging, Crescents & Stars of Packaging



Contact details



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THANK YOU...



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