

Company presentation. May 2016

01

Eurocast Innovations in the World of Film



01

Eurocast - Innovations in the World of Film

EUROCAST Sp. z o.o. manufactures a wide range of modern mono- and multilayer flexible polypropylene and polyethylene films as well as PET rigid films, intended for the production of food packaging and medical packaging as well as a variety of other industrial applications.

The Company also provides metallizing and laminating services.

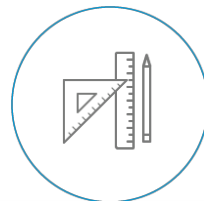
Range of activities:



Food
Packaging



Medical
Packaging



Industrial
Applications

Eurocast – Company History

1997

The Company, currently operating under the name EUROCAST, was founded in 1997 and immediately established itself as a leader in the local market of flexible metallized films.

2004

Over the past 15 years we have carried out 7 large investments, which, among others, led to the start of production of CPP films in 2004.

2007

In 2007 we launched the line for the production of APET.

2008

In 2008 we launched the line for the production of PE and CPP E1.

2011-2012

In the years 2011-2012 we executed the process of restructuring successfully.

2013

In 2013 our machine park was expanded thanks to a new machine for APET films, which increased our production capacity by another 5000 tons.

2015

In 2015 we launched the line enabling deposition of a transparent, high barrier, layer of aluminium oxide onto the film called CRYSTALLINE.

2016

Currently EUROCAST has a production capacity reaching 35 thousand tons per year and is planning further investments.

European Sales Network

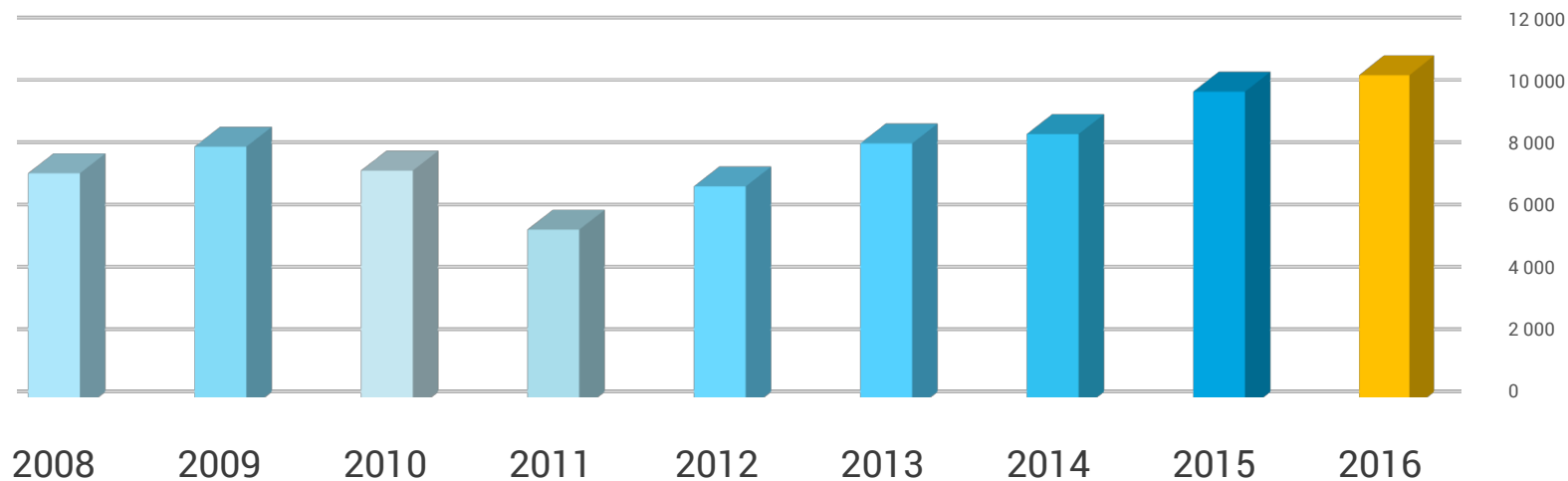


02

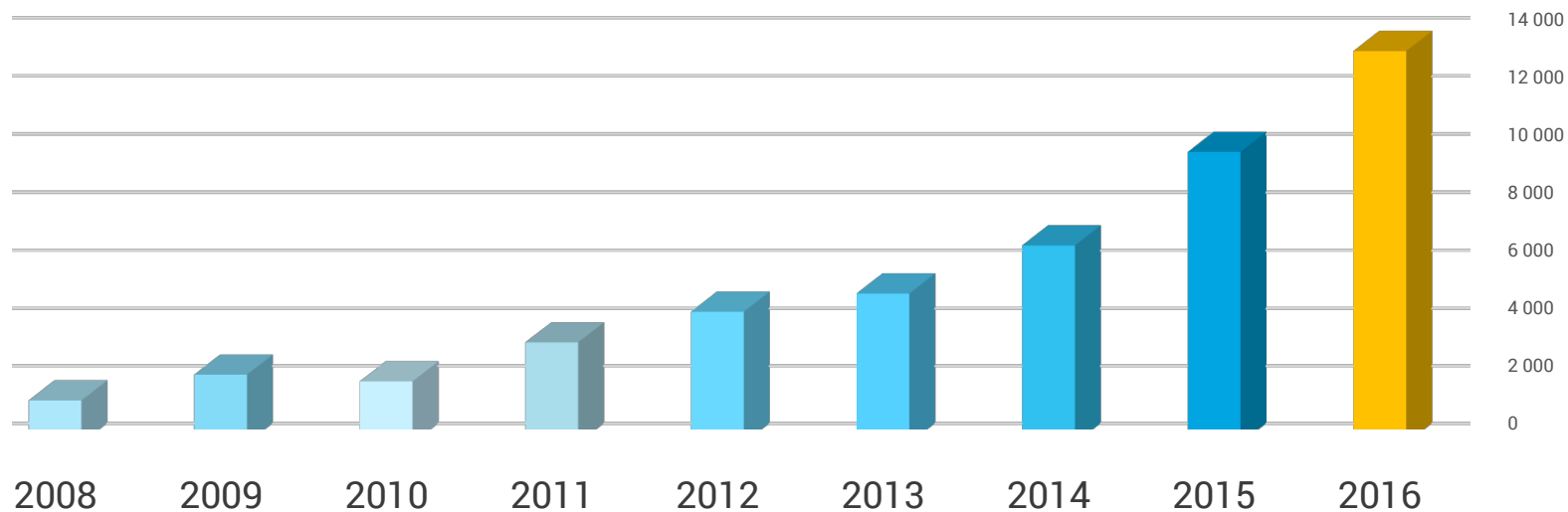
Results and Forecast



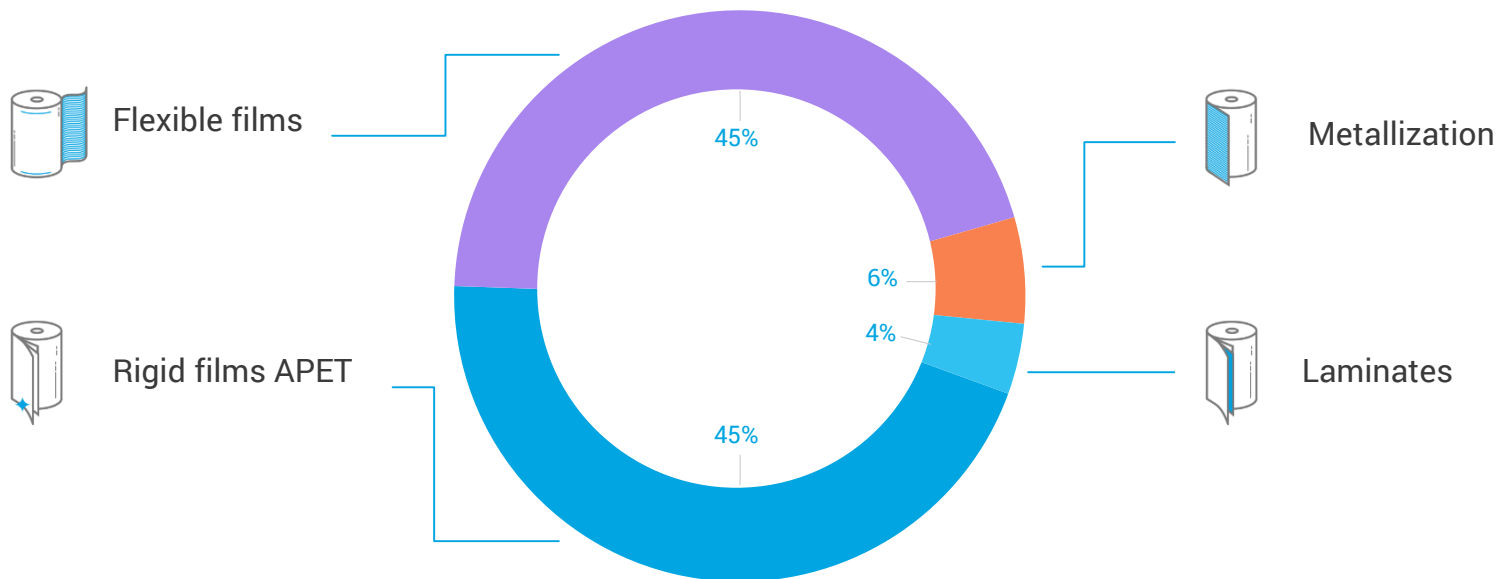
Flexible Films (t)



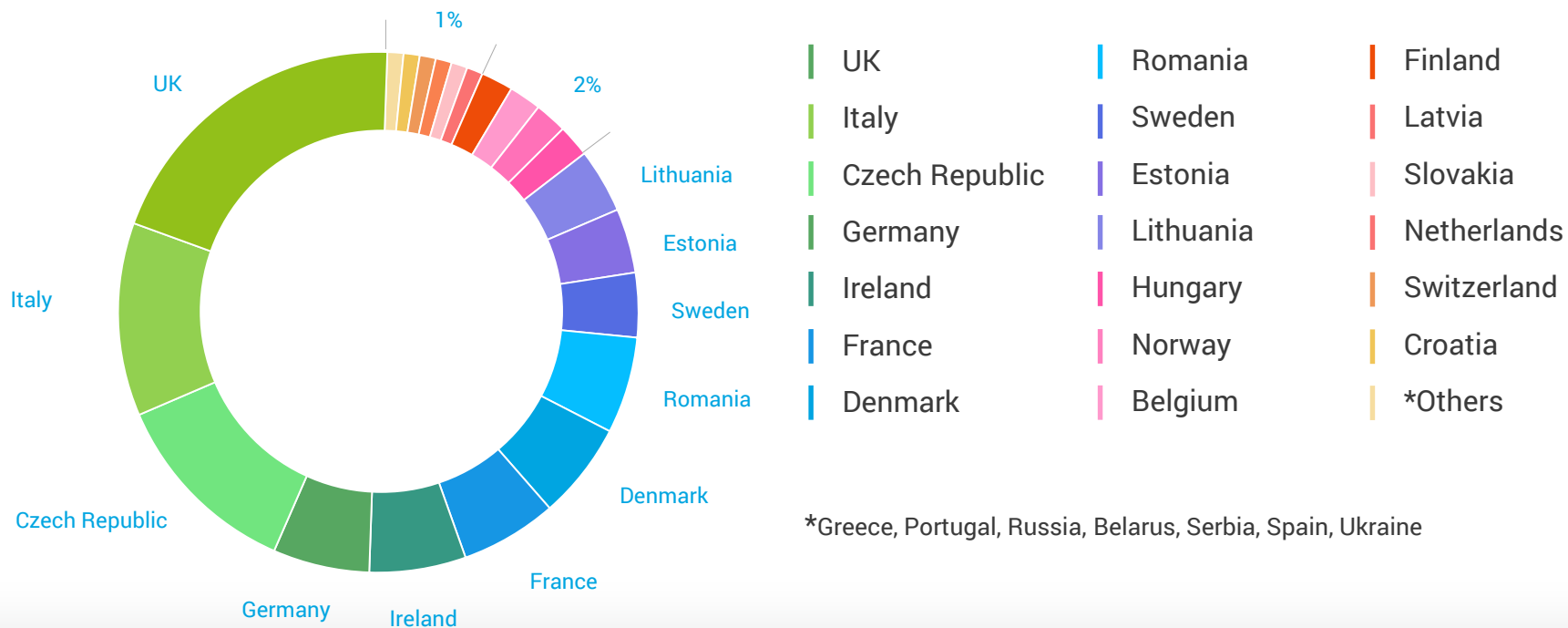
APET Rigid Films (t)



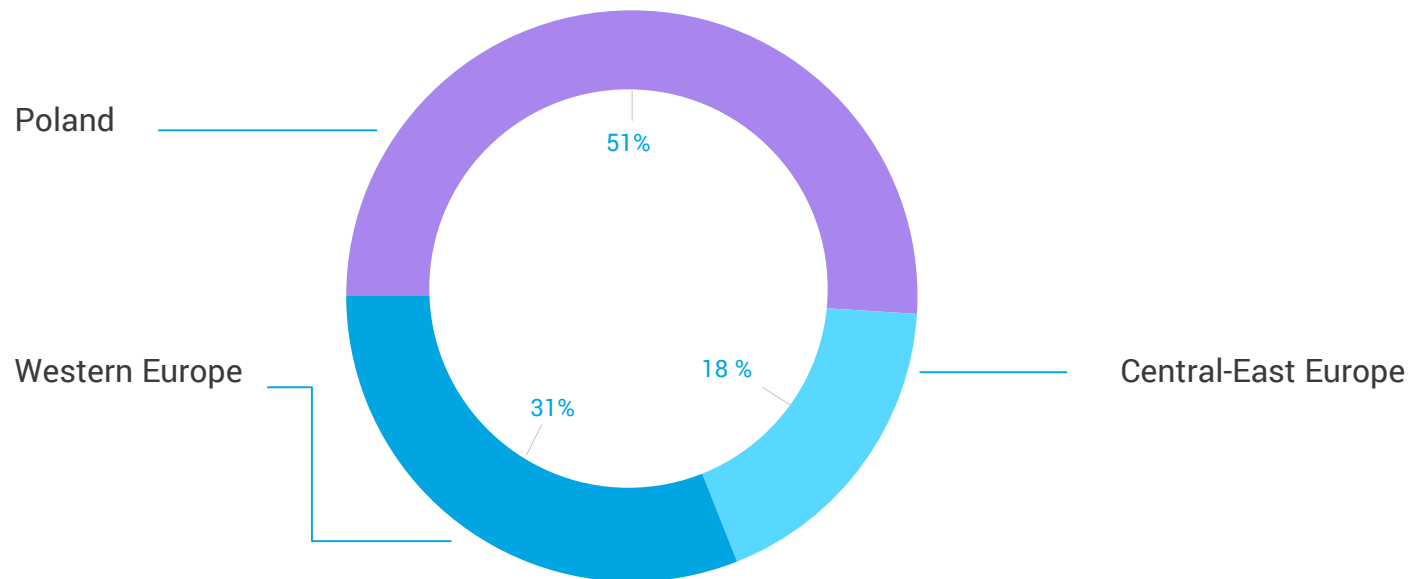
Sales in product groups -2015



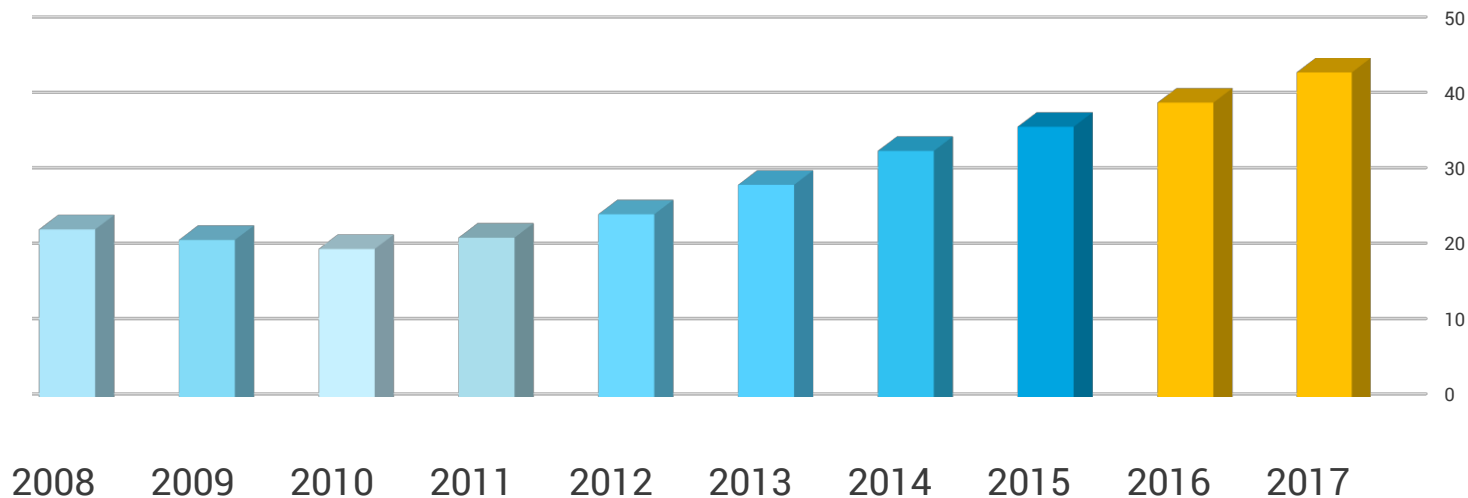
Export sales 2015



Sales -2015



Revenues (mEUR)





CPP

- 1 line 3.3m
- 1 line 2.6m
- Total capacity 11000t
- Dedicated slitter for each line
- Thickness: 20-100µm



APET

- 1 line 1.3m – 5000tpa
- 1 line 1.45m – 6000tpa
- 1 line 1.1 m – 4000tpa (May'16)
- In-line thermolamination
- In-line and off-line slitting
- Thickness: 150-1500µm



MET

- 1 metallizer 1.65m
- 1 metallizer 2.5m
- 1 AlOx metallizer NEW
- 3 dedicated slitters possible plasma treatment in metallizer



LAM

- 1.3m laminator Solventless

CPP

- 1 line 3.3m
- 1 line 2.6m
- Total capacity 11000t
- Dedicated slitter for each line
- Thickness: 20-100µm



CPP grades

Films For Lamination

Castfol PP LS

standard film designed for lamination with flexible films (BOPO, BoPET, LDPE)

Castfol PP LS-PEEL

film with PEEL „easy open“ properties

NEW

Castfol PP AF

film with ANTIFOG properties

NEW

Castfol PP LS-AS

film with ANTISTATIC properties

Castfol PP LS-M / LS-W

matt effect (M) / white cloured (W) film

Castfol PP LRT / LRTA

sterilizable / retortable film with resistance for high temperature

Castfol PP LH

film designed for high speed machines with lower sealing temperature

NEW

FILMS For Metallization and Metallized

Castfol PP MSH

film designed for metallization

Castfol PP MSHM

one-side metallized film

Castfol PP MDM

Both-sides metallized film

Castfol PP Twist

metallizable film for candy wrap

NEW

Films For Bags

Castfol PP BS

standard film with good sealing properties

Castfol PP BW

„winter time“ film

Castfol PP BF

„deep freeze“ film up to -20°C

Castfol PP BST

big grade sealable on treated side

NEW

Castfol PP BS DEG

oxo-biodegradable film

Castfol PP BH

film designed for high speed machines with lower sealing temperature

Castfol PP BT

film designed for packaging of textile products with higher gloss

Castfol PP Heavy Duty

film designed for the packaging fresh vegetables, super strong!

NEW

Castfol PP Shatterless

film designed for medical application - pouches, available in blue!

NEW

Thickness 20-100 µm

Width up to 3300 mm

Capacity 11000 tons

APET

- 1 line 1.3m – 5.000tpa
- 1 line 1.45m – 6.000tpa
- 1 line 1.1m – 4.000tpa NEW coming May'16
- In-line thermolamination
- In-line and off-line slitting
- Thickness: 150-1500um (+PE)



APET + APET/PE

APET MONO

Transparent

Colored

Metallized

RPET

APET/PE

Seal or peel

Evoh seal or peel

Metallized

Transparent, colored, metallized

Capacity 15 tons

Thickness APET 150-1.500 µm, APET/PE 200-1.550 µm

Width 200-1.450 mm

Max external diameter 1200 mm



COLOURS – APET or APET/PE

All structures possible in the following colours:

- transparent
- metallized
gold and silver, silver
- white
- black
- navy blue, blue
- pink (light-red)
- brown
- other colors at customer request



Lamination

Transparent laminates
(lidding films) based on PP & PE sealant

Our offer includes multilayer flexible film laminates for
the production of packaging for :



The Food Industries



The Medical Industries



Metallization

METALLIZER 1

WIDTH 1650mm

SLITTER 1650mm

PLASMA TREATMENT

METALLIZER 2

WIDTH 2500mm

SLITTER 2500mm

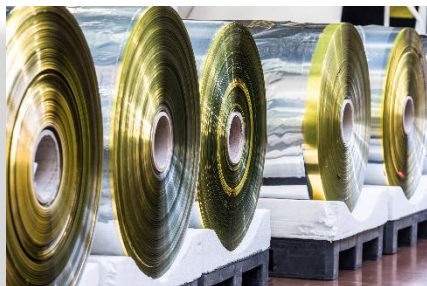
PLASMA TREATMENT

AIOx METALLIZER (installed in 4Q2015)

WIDTH 2450mm

SLITTER 2450mm

THICKNESS 12-800 µm
ALL TYPES OF FILM + TOLL



CRYSTALLINE – NEW GENERATION OF AlOx HIGH BARRIER FILM

The high barrier AlOx-coated films are also a response to the two main market demands: benefits for the natural environment and benefits for the consumer, as they:

- increase the efficiency of the packaging by replacing the EVOH or PVDC layers
- have a lower energy and material consumption
- have less packaging weight (reducing emissions of carbon dioxide (CO₂))
- do not emit chlorine gas during combustion (as opposed to the PVDC coating)
- are absolutely safe for the packaged product and the consumer



CRYSTALLINE – NEW GENERATION OF AlOx HIGH BARRIER FILM

Example usage of a high barrier AlOx-coated films:

- ▀ laminates and top films
- ▀ dry products and snacks
- ▀ pasteurized products
- ▀ pet food
- ▀ toiletries
- ▀ medical instruments and cosmetic tools (sterilization)



Eurocast – Investment plan for 2016-2018

RIGID Department	Flexible Department	Converting Department	Others
2016 – 3rd APET line (capacity 4kT)	2017/2018 – 3rd CPP 5 layers line (capacity 6kT)	2017-new lamination/coating unit	2016-RAW material dryer for APET extruders
H2 2017 – 4th APET line (capacity 6kT) (foam APET product launch)	2018 – PE 7 layers blow line		Power station
2018/2019 next line for thin APET applicaitons (up to 120my)			Others

Certifications

