

SILAGE FILM

A RECYCLED RANGE, 100% RECYCLABLE



TRIOPLAST



With more than 40 years of expertise, Trioplast has developed a know-how in the conception and production of agricultural film.

Trioplast's research and development department is constantly working in close collaboration with our customers and partners to develop our range.

Our products are tested and proven in the field in order to provide the best quality forage as this is one of the most important conditions for the animal's well-being and performance. The optimal preparation of your silo associated with the choice of your silage cover are two very important elements to achieve a good silage quality.

Our range of silage covers offers a high reliability and efficiency that will allow each user to choose a film that corresponds to his needs.



COMMITMENT IN ACTION

FOR THE LAST 35 YEARS WE HAVE BEEN CONVINCED THAT WE ALL HAVE A ROLE TO PLAY IN THE ECOLOGICAL TRANSITION, WE BELIEVE THAT A COMMON AND CONCRETE APPROACH IS THE KEY TO IMPROVE FOR BOTH, YOU AND THE ENVIRONMENT.

PRODUCING RESPONSIBLY IS INNOVATING

INCREASING THE RATE OF RECYCLED MATERIALS IN OUR PRODUCTS, MAKING 100% RECYCLABLE FILMS AND MEASURING THE REDUCTION OF OUR CARBON FOOTPRINT IS OUR DAILY AIM FOR INNOVATION.

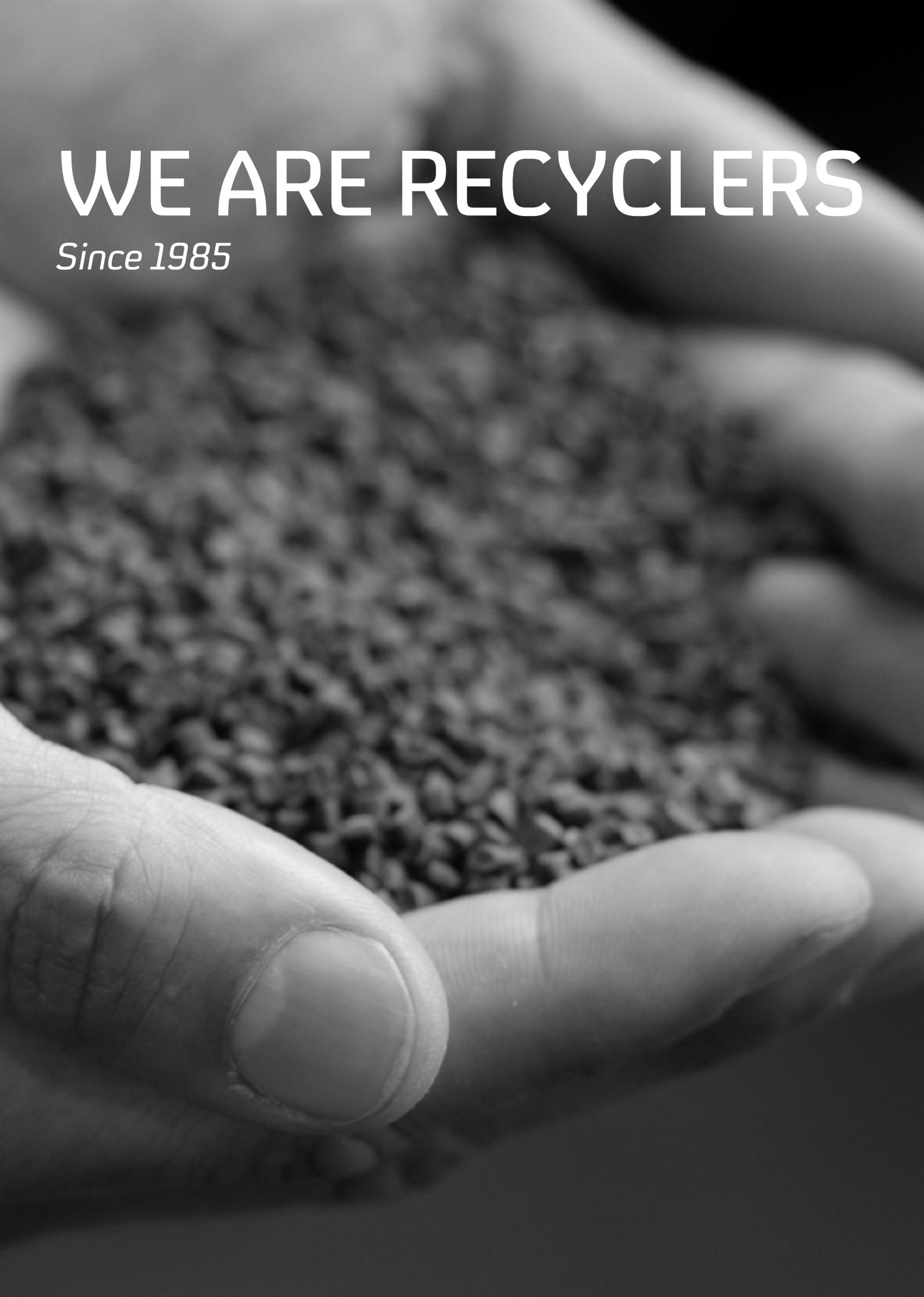
GUARANTEEING RESPONSIBLE QUALITY MEANS GOING EVEN FURTHER.

FOR TRIOPLAST, DESIGNING ENVIRONMENTALLY SUSTAINABLE SOLUTIONS AND MEETING YOUR NEEDS AND REQUIREMENTS THROUGH HIGH QUALITY PRODUCTS ARE INSEPARABLE.

COLLABORATING TOGETHER WITHOUT COMPROMISE FOR TOMORROW IS **THE CHOICE SUSTAINABLE QUALITY.**

WE ARE RECYCLERS

Since 1985



Trioplast works to constantly increase the recycled materials rate while at the same time keeping the premium quality of its products. The carbon footprint of each product manufacturing process is measured, analyzed and optimized.

Thanks to its eco-designed films made from recycled raw materials, Trioplast guarantees quality products that respect the environment.

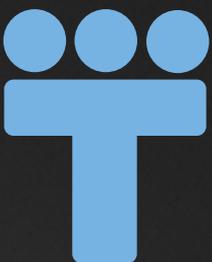
This is our agriwide production :

✓ **35**
YEARS OF EXPERTISE IN RECYCLING

✓ INTEGRATED RECYCLING PALNT

✓ **8 800** TONES
OF PLASTIC WASTE RECYCLED PER YEAR

✓ **20**
PEOPLE DEDICATED EXCLUSIVELY TO THE
RECYCLING ACTIVITY





A RESPONSIBLE QUALITY

OUR COMMITMENT

Measuring and controlling our carbon footprint:

Life Cycle Assessment (LCA) is the most advanced tool for global and multi-criteria evaluation of environmental impacts. This standardized method makes it possible to quantify each step of the manufacturing process and measure the carbon footprint of each product.

The assessment includes the whole life cycle of a product, from the extraction of the raw material to the waste management at the end of the product's life. According to the initial global analysis within the group, it is proven that the transport and manufacture of the product have a minor carbon impact on the entire production process; the greatest impact for the carbon footprint lies within the extraction of the raw material. In view of these results, Trioplast has decided to prioritize innovation to increase the amount of recycled content in its products, while maintaining the high quality requirements.

For each product, which contains recycled material, the carbon footprint reduction is specified as percentage in comparison to the same product manufactured from 100% virgin raw materials.



Certified recycled materials



100% recyclable



Carbon footprint controlled and measured

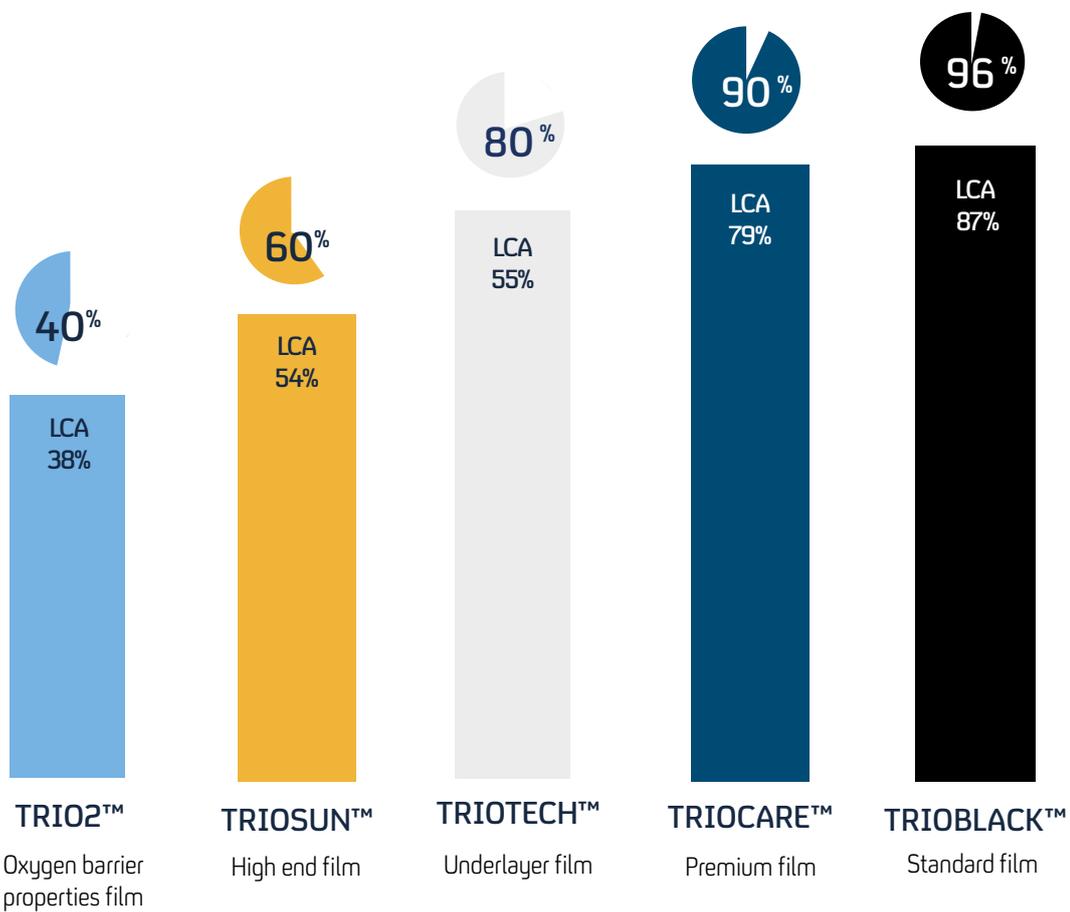


OUR RANGE

RECYCLED AND 100% RECYCLABLE

THE RECYCLING RATE

Our silage film range is made made from a minimum of 40% recycled material but at the same time offers a high level of reliability and efficiency that will allow each farmer to choose a silage film that suits their needs.



Trioloop is an internal, environmental brand that guarantees a minimum of 25% Post-Consumer Recycled materials (PCR) used in the manufacturing of our products.



Triolean is an internal, environmental brand for products that reduce the amount of material necessary for an application, while still maintaining or even improving the performance of the product, thereby driving substantial CO₂ reduction.



TRIOBLACK™

SIMPLY ECOLOGICAL

Simply ecological, highly resistant and adapted to the forage conservation needs, this silage film is a must-have in the Trioplast range.

Made of 96% recycled materials, it is the first silage film to obtain the Blue Angel eco-certification. Coming from Germany, the Blue Angel is the oldest eco-certification in the world. It is characterized by its high requirements which imply a minimum of 80% recycled material from post-consumer waste (PCR).

The advantages:

- high puncture resistance
- 100% recyclable
- UV resistance: 12 months



PRODUCT DATA	
Colors	Black
Width (m)	from 5 to 18m
Length (m)	25, 50
Thickness (μ)	150



I AM PUNCTURE
RESISTANT



I AM UV RESISTANT



I AM AIR AND WATERTIGHT



I RESPECT THE
ENVIRONMENT



I AM 100% RECYCLABLE



The choice of sustainable quality by Trioplast



www.blauer-engel.de/uz30a

RECYCLED
96%

RECYCLABLE
100%

MEASURABLE
LCA 87%*

*Reduced carbon footprint



TRIOCARE™

THE FILM THAT TAKES CARE OF YOUR FODDER

The tried and tested Triocare product range is perfectly adapted to large silos as it offers an improved UV protection of up to 18 months, and a wide variety of lengths, up to 400m.

Made of 90% recycled raw materials, Triocare is a premium film designed to optimized fodder conservation, in respect of the environment.

The advantages:

- high resistance to perforation
- wide variety of colors, widths and lengths
- UV resistance: 18 months



PRODUCT DATA				
Colors	Black	Black/Green	Black/White	White
Width (m)	from 6 to 18m		from 4 to 18m	
Length (m)	50, 300		25, 35, 50, 300, 400	25, 30, 35, 50
Thickness (μ)	150			



I AM PUNCTURE RESISTANT



I AM UV RESISTANT



I AM AIR AND WATERTIGHT



I RESPECT THE ENVIRONMENT



I AM 100% RECYCLABLE



RECYCLED
90%

RECYCLABLE
100%

MEASURABLE
LCA : 79%*

*Reduced carbon footprint



TRIOSUN™

THE FINEST PROTECTION

A sturdy film, thinner and easier to handle - is it possible? This 115µ silage film is flexible and resistant at the same time, its composition includes 60% of recycled materials.

Its thinness fits perfectly to the silo, and also, due to lower weight, simplifies the handling when covering the silo.

Trioplast's high-end silage film offers maximum UV protection and increased puncture resistance. In addition, this film is especially environmentally friendly, as it is made from 60% recycled material and saves material in general, due to being thinner!

The advantages:

- high resistance to perforation
- thickness 115µ
- UV resistance: 24 months



PRODUCT DATA				
Colors	Black	Black/Green	Black/White	White
Width (m)	from 10 to 18m	from 10 to 18m	from 8 to 18m	from 6 to 18m
Length (m)	50, 400	50, 300	50, 300, 400	30, 50, 300
Thickness (µ)	110	115		



I AM PUNCTURE RESISTANT



I AM UV RESISTANT



I AM AIR AND WATERTIGHT



I RESPECT THE ENVIRONMENT



I AM 100% RECYCLABLE



RECYCLED
60%

RECYCLABLE
100%

MEASURABLE
LCA : 54%*

*Reduced carbon footprint



TRIO₂TM

UNFOLDS ALL ITS ADVANTAGES

TriO₂ represents the highlight of our search for sustainable performance at the farmers' service. It is the first 100% recyclable film that integrates reduced oxygen permeability without EVOH or polyamide. In addition, its thinness and flexibility ease the handling and allow it to adjust smoothly to the uneven plant material, creating ideal fermentation conditions.

The TriO₂ range guarantees optimal conditions for the conservation and nutritional value of the forage. This semi-barrier film does not need to be combined with an underlayer film.

The advantages:

- OTR $150 \text{ cm}^3/\text{m}^2/24 \text{ hrs}$
- thickness 115 μ
- without EVOH, without polyamide
- UV resistance : 24 months



PRODUCT DATA	
Colors	Black/Blue
Width (m)	from 6 to 14m
Length (m)	50, 300
Thickness (μ)	115



I AM PUNCTURE RESISTANT



I AM UV RESISTANT



I HAVE OXYGEN BARRIER PROPERTIES



I RESPECT THE ENVIRONMENT



I AM 100% RECYCLABLE



RECYCLED
40%

RECYCLABLE
100%

MEASURABLE
LCA : 38%*

*Reduced carbon footprint



TRIO TECH™

40 MICRONS THAT MAKE THE DIFFERENCE

Triotech is a thin, transparent 40µ underlayer film. Used in direct contact with the crop, it fits perfectly the shape of the silo and increases air-tightness.

In addition to any classic silage film, the underlayer Triotech film reduces the risk of surface losses due to poor fermentation and significantly improves the quality of the forage. A solution tested and adopted by many farmers.

The advantages:

- close fit to plant material
- length up to 400 m
- thickness 40µ



PRODUCT DATA	
Color	Transparent
Width (m)	from 4 to 18m
Length (m)	50-100-300-400
Thickness (µ)	40



I AM PUNCTURE RESISTANT



I AM AIR AND WATERTIGHT



I RESPECT THE ENVIRONMENT



I AM 100% RECYCLABLE



RECYCLED
80%

RECYCLABLE
100%

MEASURABLE
LCA : 55%*

*Reduced carbon footprint



OUR ECO-CERTIFICATIONS:

We follow a structured approach with a clear culture of quality and sustainability. Trioplast is quality certified, with a fully operational quality control process and an organization focused on the needs of the end customers. Responsible quality, we write it, we create it and we certify it.



ISO standards certify the quality of all our processes. ISO 14001 certifies the management of our environmental commitment within the plant.



EuCertPlast certifies the use of post-consumer waste in our regranulates. Trioplast achieves an average of 84% recycled content in our regranulates.



Blue Angel requires a minimum of 80% use of granules from post-consumer waste (PCR) in our products. The Trioblack is the first certified product in our range.



The MORE label aims to measure the quantities of recycled raw materials incorporated into products.

Trioplast – We keep our promises!

Reliable

Proven | Trustworthy | Efficient | Safe | High Quality Authentic | Economic | Dependable | Supply Capability

Long-term

Solid | Durable | Experienced Team | Long-term Partnerships | Confident | Fair | Care for the Environment

Active

Constant dialogue with Customers & Partners | Leading Innovator | Continuous Process Development | Silage Service & Support

Trioplast is an industrial group with a little over 1,200 employees and a turnover of EUR 540 million. The Group is one of Europe's leading players in innovative and cost-efficient packaging solutions based on polyethylene film. The company's registered office is in Smålandsstenar in Sweden. It operates production facilities in Sweden, Denmark, Netherlands and France and sells its products to a global market.

The principal owner of Trioplast is Altor Funds.



WE DESIGN FOR THE FUTURE

As a leading producer of polyethylene film, at Trioplast we take responsibility for the environment in everything we do. We strive to reduce the amount of material in our products, we recycle waste materials, and we continuously develop our expertise so as to decrease our use of non-renewable raw materials.

In short: We design solutions for the future.



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Committee of Plastics in Agriculture. To improve the recycling of agricultural plastic film.