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# Innovation and sustainability: an example to cultivate.

Discover Matrica,  
chemistry from  
renewable sources.



# Matrica: the integrated platform for chemistry from renewable sources.



Matrica is a joint venture between Versalis, Eni's chemical company, and Novamont, leader in the bioplastics market.

These two companies' research efforts and expertise were key in an industrial reconversion project that led to an integrated platform for chemistry from renewable sources.

Today, the innovative range of Matrilox® bioproducts is manufactured in Porto Torres, Sardinia.

## Matrica Renewable Products

Matrica products are entirely derived from renewable sources, thanks to an innovative technology with low environmental impact that aims to use the molecular complexity of the vegetable raw materials to produce chemicals with high added value.

Matrica process for the transformation of vegetable oils into mono and dicarboxylic acids and esters makes it possible to obtain high-purity products which are valorized in premium market segments.

# Matrilox® bioproducts: properties and fields of application.



The Matrilox® brand identifies the innovative range of Matrica bioproducts used in a variety of fields: biopolymers and plasticizers, biofibers, biolubricants, cosmetic, personal care, plant protection, additives for cleaning and for rubber industry.

Matrilox® products stand out because they are biodegradable and non-toxic, offer sustainable solutions with a low environmental impact and combine renewability with high performance.

## Azelaic Acid

Polymers (polyamides, polyesters, polyester polyols)  
Lubricants  
Greases  
Cosmetics  
Electrolytic Solutions  
Coatings

## Glycerin

Feed (GMP+)  
Intermediates



## Light Fatty Acids

Feed (GMP+)  
Intermediates



## Pelargonic Acid

Agriculture  
Biocides  
Feed (GMP+)  
Detergents  
Lubricants  
Metalworking



## Esters

Lubricants  
Cosmetics  
Plasticizer

