

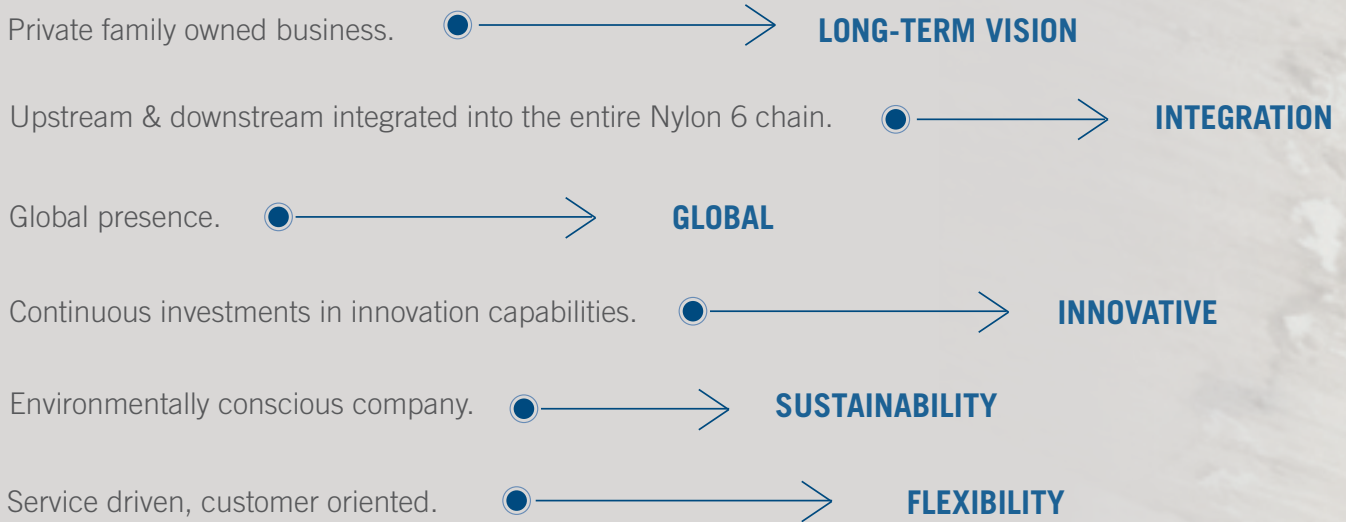
# DOMO ENGINEERING PLASTICS

We make engineering plastics based on Nylon 6, 6.6 and Polypropylene resins, specializing in polyamide products for injection-molding and extrusion. Our products are used in a wide array of applications and industries, from automotive, construction and electrical engineering to industrial machines, furnishing, hydraulics and sports & leisure.

DOMO Engineering Plastics is a dynamic and reliable business partner backed by DOMO Chemicals' strong integrated value chain. With our focus on sustainability and innovation, we help our customers rise to the challenges of the present and the future.



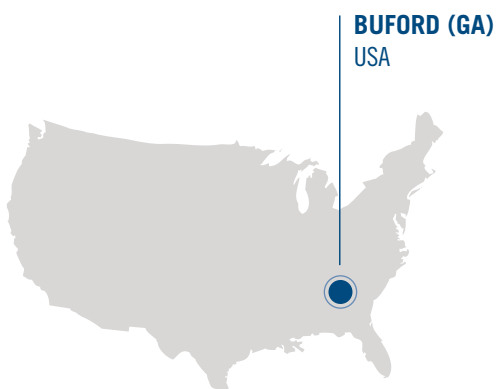
## Our KEYS TO SUCCESS



- **INTEGRATION:** We use our knowledge of the entire Caprolactam, PA6 base resin and engineering plastics integrated value chain to combine competitiveness with superb quality and service for demanding applications.

- **INNOVATION:** Our R&D and technical service department works closely with customers and end-users to develop and enhance our already broad product range, to satisfy their needs for quality, efficiency and performance.

## Your GLOBAL PARTNER





- **SERVICE:** From planning through technical service to project implementation and delivery, our dedicated teams provide prompt, efficient, transparent communication with our clients to continuously increase our service levels.



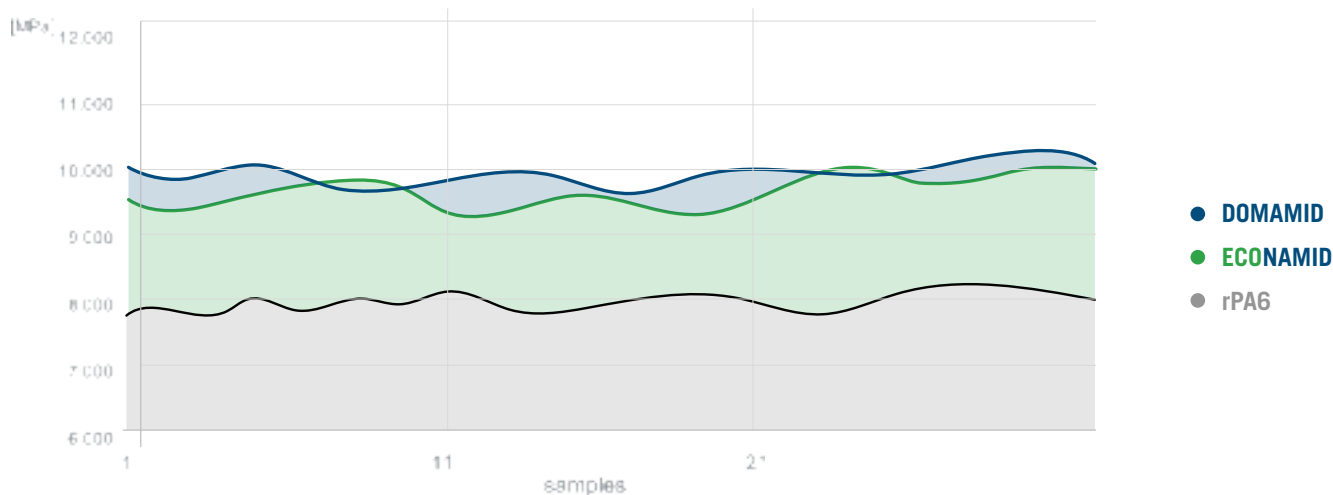


# ECONAMID® THE REPROCESSING SOLUTION THAT STAYS AHEAD

ECONAMID® advanced engineering plastics provide a complete range of sustainable polymers based on valuable post-production feedstocks (fiber yarn and film production waste). The consistent, unparalleled quality of these green-label products is based on our expertise and knowledge of the entire Nylon value chain.

Many of our ECONAMID® products are custom solutions developed in close cooperation with our business partners.

## Our strength is uniquely consistent quality



### The tensile modulus

Values for ECONAMID grades differ very little from virgin grades and are always within the UCL and LCL. Other recycled/regrind grades cannot meet the same control limits and, moreover, perform very poorly on quality.

## Certified benefits

We aim to supply high-quality products of lower environmental impact. To establish just how much lower, DOMO has performed a life-cycle assessment (LCA) yielding core environmental data for the ECONAMID® range.

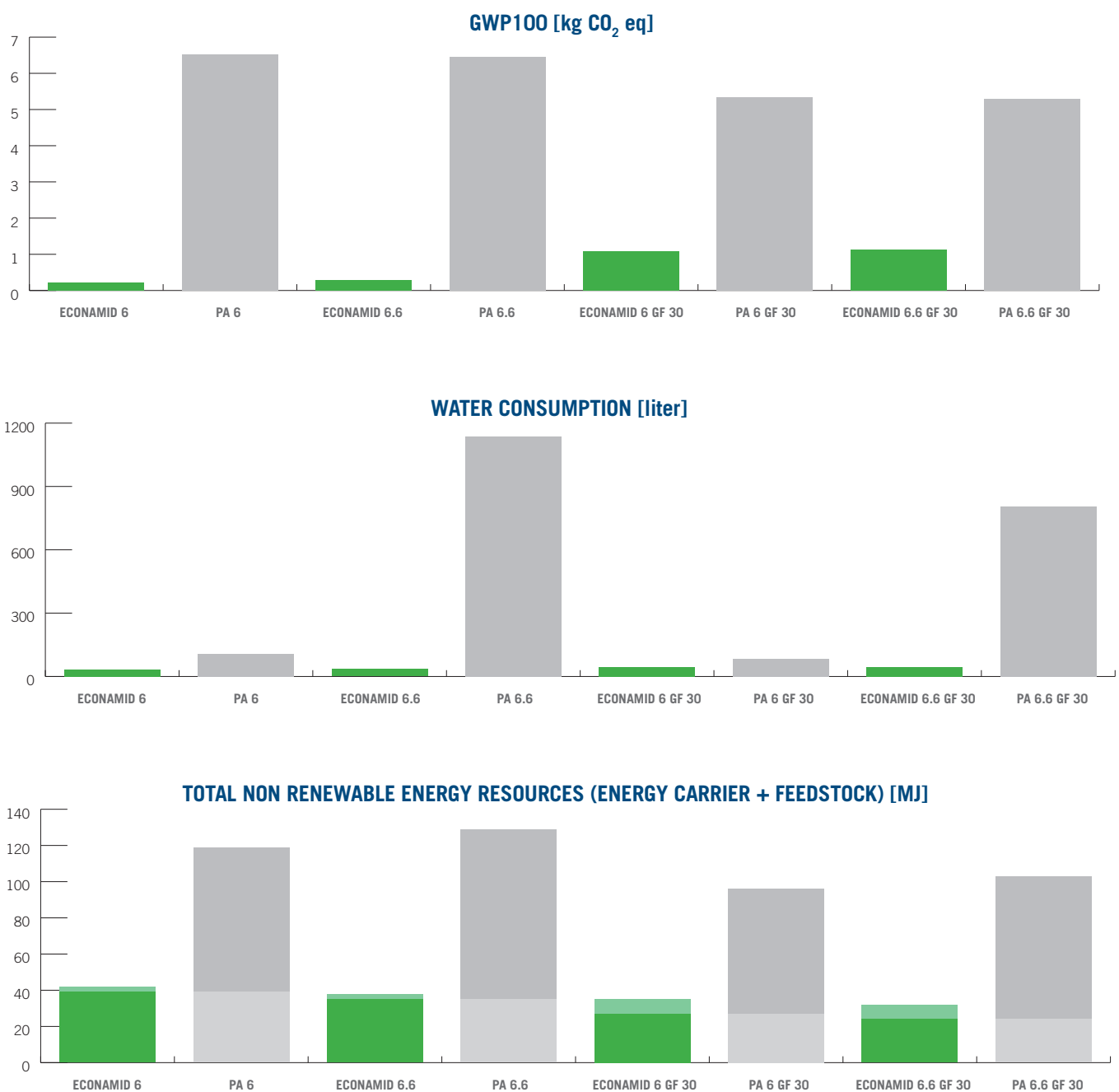
The study shows that ECONAMID® is much more environmentally friendly than prime-grade materials in all aspects considered, from CO<sub>2</sub> emissions to water consumption and renewable energy sources. All the data are certified by the world-renowned EPD (Environmental Product Declaration) organization.



## Life-cycle assessment

The LCA study considers the impact of producing and delivering 1kg of unfilled ECONAMID and 30% glass fiber-reinforced PA6 and PA66 compounds, packed in bags, tanks and octabins.

The results show that ECONAMID® solutions have a significantly lower impact than prime materials, in both the PA6 and PA66 variants.



If, for simplicity's sake, we consider the standard product "ECONAMID FL 6G30 - 100% reprocessed-based fiber compound 30% glass fiber reinforced" and compare it to its virgin base countertype, it vaunts 47% less water consumption, 80% lower CO<sub>2</sub> emissions and 60% less non-renewable resource utilization.

# SUSTAINABILITY FOR THE AUTOMOTIVE SECTOR

Mobility will be one of the most important factors in sustainable economic growth over the coming decades.

The question is: can the automotive industry combine efficiency and economic growth with reducing its environmental impact?

Electric vehicles cause less CO<sub>2</sub> emission over their lifetime. However, the process of making them has a higher environmental impact than producing conventional ones.

ECONAMID® has a strategic role to play in reducing the environmental impact of vehicle production.

## ECONAMID®



**47%**

less **WATER**  
consumed



**80%**

less **CO<sub>2</sub>**  
emitted

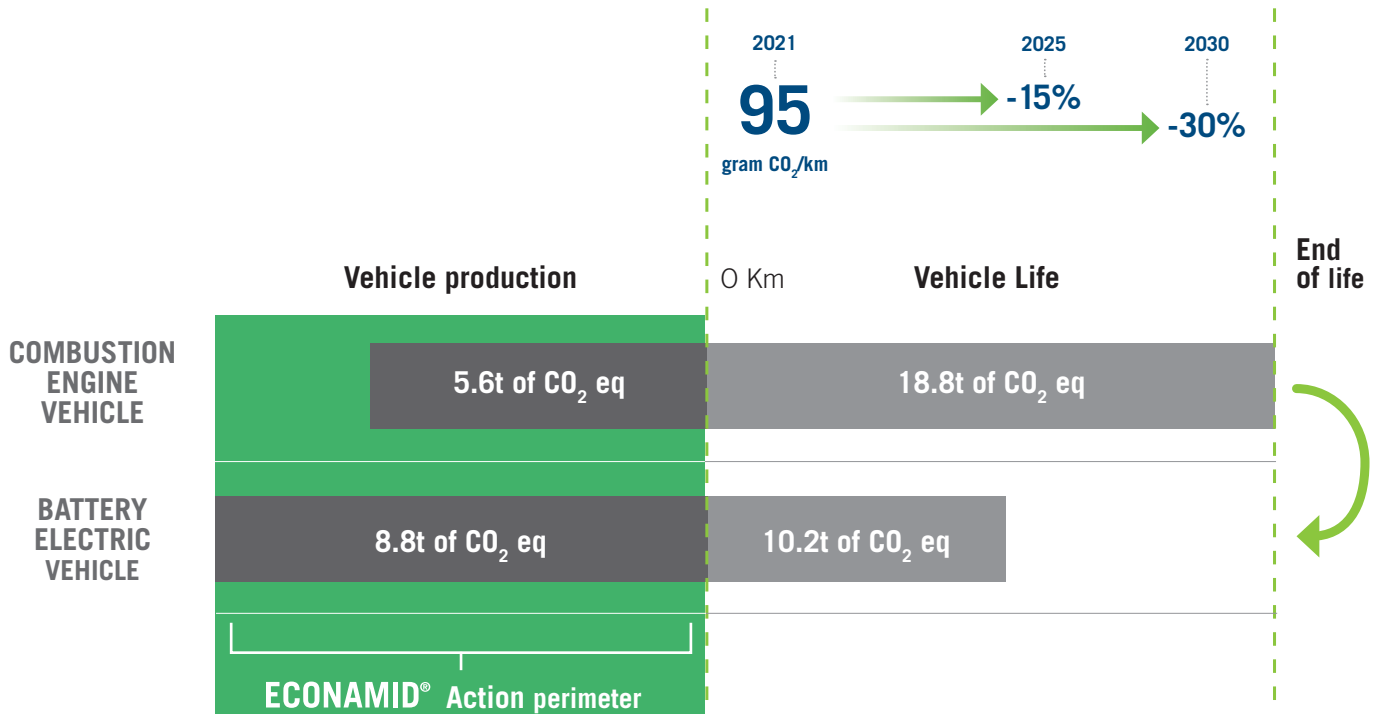


**60%**

less **NON RENEWABLE**  
energy used

\* Data refer to ECONAMID 6G30 vs PA6 virgin based, 30% glass fiber.

**We can do better!**



## YOUR ECOLOGICAL CHOICE

Choose quality, and get ecology on top

Source: Ricardo Report: Based upon a 2015 vehicle in use for 150k KM using 10% ethanol blend and 500g/KWH grid electricity.

# DOMO'S COMPREHENSIVE RANGE

DOMO offers the most complete PA6- & PA66-based reprocessed solution package on the market today. Unfilled, mineral filled and glass fiber-reinforced, carbon fiber-reinforced and flame retardant options are available in PA6 and PA66 to support you in making your application more sustainable – without compromising on quality or design.

**ECONAMID<sup>®</sup> FL** **Standard sustainable polyamide compounds**

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**ECONAMID<sup>®</sup> PLUS** **Sustainable polyamides for customized solutions**

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**ECONAMID<sup>®</sup> ORO** **Sustainable polyamide solutions for enhanced performance**

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**ECONAMID<sup>®</sup> FR** **Sustainable flame retardant polyamides**

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**ECONAMID<sup>®</sup> AIR** **Sustainable polyamide compounds for lightweight solutions**

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Contact your local DOMO representative to explore your specific requirements and find the best solution for your application