

*Sensitive*  
FABRICS



reco<sup>®</sup>  
NYLON 

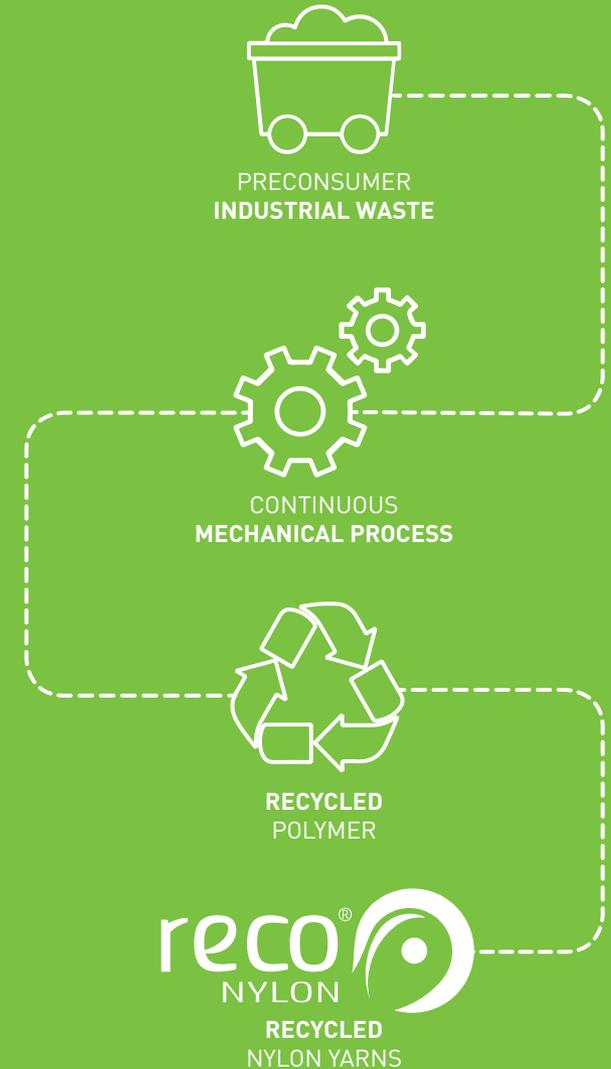
NUREL   
SYNTHETIC FIBERS

# A NEW LIFE TO NYLON FROM RECLAIMED MATERIAL

**RECO NYLON® IS A 100%  
RECYCLED NYLON 6 YARN**

**RECO NYLON®** performance is similar to standard nylon 6 yarns adding **sustainable advantages:**

- reducing dependence on non-renewable resources
- maintaining a clean landfill
- decreasing environmental impact



# BECAUSE **SUSTAINABILITY** DOES MATTER

## **GRS CERTIFICATION**

- Contains 100% recycled Nylon
- **NUREL** meets the fair labor and environmental impact requirements of the GRS

## **SUSTAINABLE FACTS**

- Life Cycle Assesments
- Improvements vs. Standard Nylon
- Sustanability achievements
- Reduces environmental impacts

## **MATERIAL OF CHOICE**

- Matching sustainable consumer trends
- Outstanding performance and quality for most demanding applications

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# RECO NYLON® HAS ACHIEVED GRS CERTIFICATION

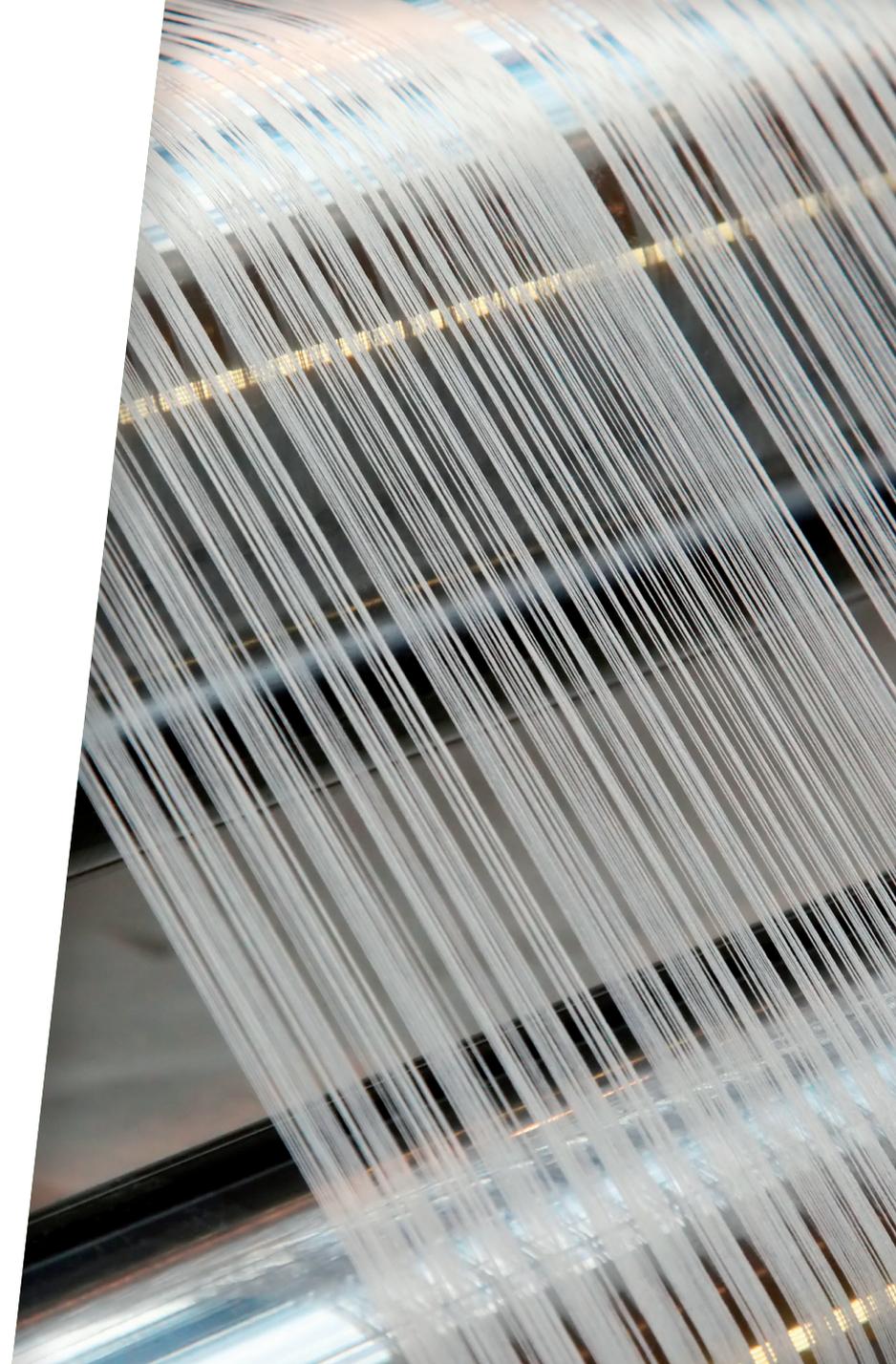
GRS certifies that **NUREL recycles the discarded nylon** material diverted from the waste stream during the manufacturing process and **reconverts it into RECO NYLON® yarn**.

## What is Global Recycled Standard?

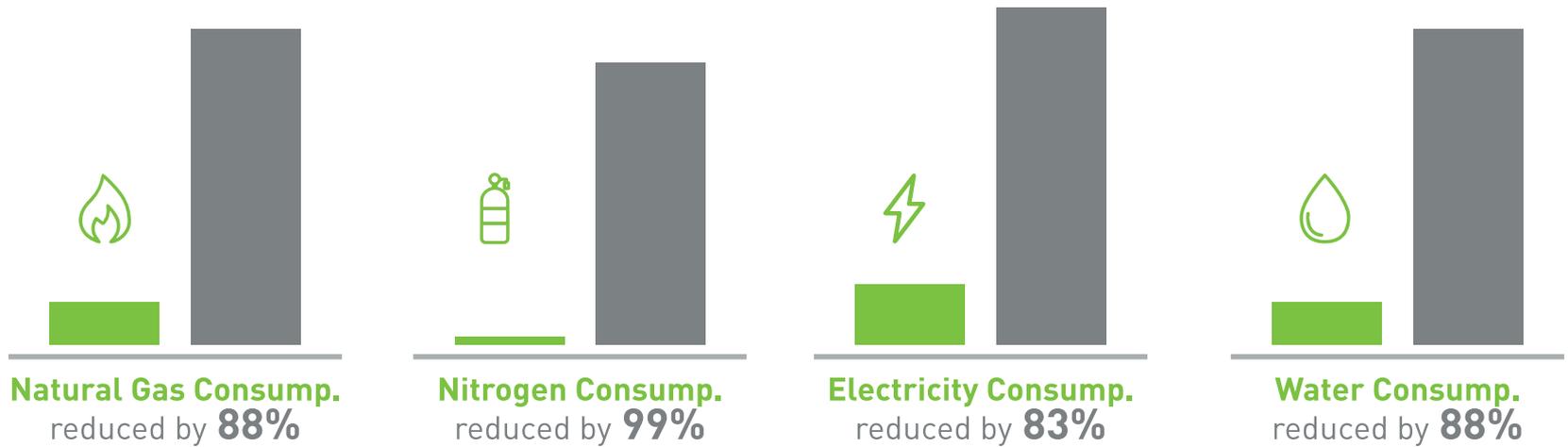
- It is a mechanism created by Textile Exchange
- It aims to **substantiate the recycled content**
- It attests that all processes in the entire supply chain have undergone the proper steps to **ensure the integrity of the final product**
- It also addresses issues pertaining to **environmental and social criteria**

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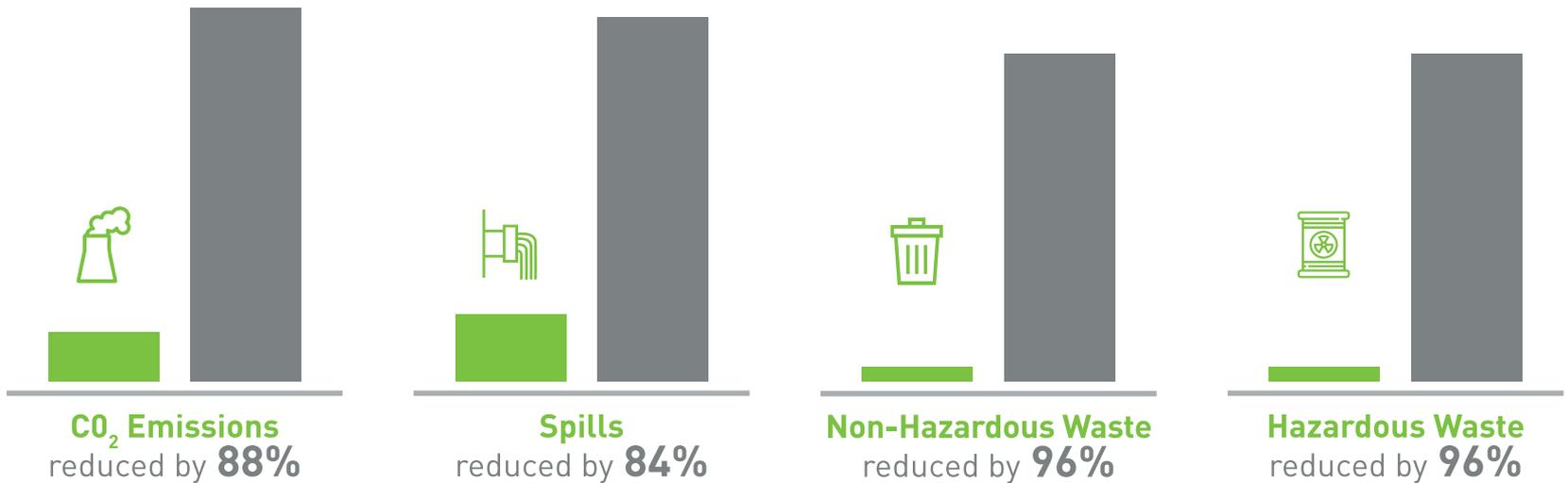


# RECO NYLON® CONSIDERABLY REDUCES RESOURCES CONSUMPTION



\*These data proceed from an independent LCA.  
They correspond to 1 kg of same count Standard Nylon and RECO NYLON® manufactured at NUREL premises.

# RECO NYLON® MINIMIZES CO<sub>2</sub> EMISSIONS AND WASTE



\*These data proceed from an independent LCA.  
They correspond to 1 kg of same count Standard Nylon and RECO NYLON® manufactured at NUREL premises.

# RECO NYLON® CARES ABOUT THE AIR QUALITY

The production of **RECO NYLON®** generates almost **9 times less CO<sub>2</sub> emissions** than standard nylon 6.

Therefore, a production of **1 ton of RECO NYLON®** **reduces the emissions of an equivalent to:**



CO<sub>2</sub> produced by a  
**car driving 8.191 km**



CO<sub>2</sub> produced by  
**265.451 phones being charged**



CO<sub>2</sub> absorbed by  
**101.000m<sup>2</sup> of forest in a year**

\*These equivalences have been calculated on the CO<sub>2</sub> Equivalences Calculator by the United States Environmental Protection Agency.

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# ZERO KILOMETER ZERO WASTE

The production process of **RECO NYLON®** takes place entirely in **NUREL** premises in Zaragoza (Spain), thereby **saving the environment CO<sub>2</sub> emissions** produced during the **manufacture and transport** of raw material.

## THE PROCESS

- 1** At a first stage **NUREL** select and adequate the reclaimed material from all the waste generated in our textile facilities.
- 2** Reclaimed material is remelted at **NUREL** recycling units in order to obtain a **recycled PA6 polymer**.
- 3** Recovered polyamide polymer is **extruded and made back into fibers** at **NUREL** spinning plant.

# RECO NYLON® DECREASES ENVIRONMENTAL IMPACTS



**Global Warming Potential (GWP)**  
Greenhouse gases impact  
reduced by 6 times



**Acidification Potential (AP)**  
Ph-reduction minimized by 50%  
helping to preserve soil quality



**Eutrophication Potential (EP)**  
10 times less impact  
in water bodies



**Ozone Creation & Depletion Potential**  
No alteration of natural levels  
of ozone in the environment

\*These data proceed from an independent LCA.

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