# Let's make every project green – inside and out.

ECONYL® products contribute to LEED V4 credits empowering designers to create new collections without using new resources.

ECONYL® yarn is 100% made from waste — including fishnets, fabric scraps, carpet flooring and industrial plastic.

ECONYL® nylon reduces the global warming impact of nylon by up to 90 percent compared with material generated from oil. For every 10,000 tons of ECONYL® raw material, 70,000 barrels of crude oil are saved, and 65,100 tons of CO2 equivalent emissions are avoided.

## ECONYL® contributes to LEED v4 credits in four categories:

- INTEGRATIVE PROCESS
- MATERIALS AND RESOURCES (4 credits)
- INDOOR ENVIRONMENTAL QUALITY (2 credits)
- INNOVATION

## INTEGRATIVE PROCESS

LEED INTENT:

To support high-performance, cost-effective project outcomes through an early analysis of the interrelationships among systems.

HOW ECONYL® NYLON CONTRIBUTES:

We share our knowledge and experience creating sustainable materials with project teams to collectively enhance human comfort and environmental benefits.

This includes enabling project teams to achieve project goals focused on quality and performance by securing targeted credits that ECONYL® yarns contributes to for LEED V4.

## MATERIALS AND RESOURCES (4 credits)

LEED Category Overview:

The Materials and Resources (MR) credit category focuses on minimizing the embodied energy and other impacts associated with the extraction, processing, transport, maintenance, and disposal of building materials.

HOW ECONYL® NYLON CONTRIBUTES:

- Building Life Cycle impact reduction [ECONYL® EPD]
- Building product disclosure and optimization [ECONYL® EPD, Aquafil's consolidated financial statement (GRI).]

Environmental product declaration: With the Life Cycle Assessment and the Environmental Product Declaration we know our real overall impact - ECONYL® nylon has up to a 90% reduction in global warming potential compared to virgin nylon.

Sourcing of raw materials: ECONYL® nylon comes from 100% waste material of which a minimum of 50% post-consumer waste is certified.

Material ingredients: The Cradle To Cradle study and REACH Optimization analysis show our chemical ingredients are carefully evaluated to ensure avoidance of harmful substances.

## INDOOR ENVIRONMENTAL QUALITY (2 credits)

LEED Category Overview:

The Indoor Environmental Quality (EQ) category rewards decisions made by project teams about indoor air quality and thermal, visual, and acoustic comfort. Green buildings with good indoor environmental quality protect the health and comfort of building occupants.

HOW ECONYL® NYLON CONTRIBUTES:

- Low emitting materials: General Emissions Evaluation results ensure low VOC levels in ECONYL® products
- Construction indoor air quality management plan

## INNOVATION

LEED Category Overview:

Sustainable design strategies and measures are constantly evolving and improving. New technologies are continually introduced to the marketplace, and up- to-date scientific research influences building design strategies. The purpose of this LEED category is to recognize projects for innovative building features and sustainable building practices and strategies.

HOW ECONYL® NYLON CONTRIBUTES:

- Advancement of the Circular Economy through nylon regeneration, going beyond recycling
- Eco-design

# CONTRIBUTION MATRIX TO LEED V4 CREDITS

BD+C Building Design and Construction | ID+C Interior Design and Construction

## INTEGRATIVE PROCESS

IP CREDIT — INTEGRATIVE PROCESS — [ SUSTAINABILITY EXPERTISE ]

We support project teams to enhance human comfort and environmental benefits

- We believe in sharing our knowledge in sustainability fields to support project teams to enhance human comfort and environmental benefits to determine the project goals, including quality and performance to identify targeted LEED credits related to our materials.

## MATERIALS AND RESOURCES

MR CREDIT — BUILDING LIFE CYCLE IMPACT REDUCTION — [ECONYL® EPD]

- OPTION 4: WHOLE BUILDING LIFE CYCLE ASSESSMENT

MR CREDIT — BUILDING PRODUCT DISCLOSURE AND OPTIMIZATION - ENVIRONMENTAL PRODUCT DECLARATION

- OPTION 1: ENVIRONMENTAL PRODUCT DECLARATION — [ECONYL® EPD]
- With the Life Cycle Assessment and the Environmental Product Declaration we know our real overall impact - our ECONYL® has a -90% reduction on global warming potential compared to virgin nylon.

MR CREDIT — BUILDING PRODUCT DISCLOSURE AND OPTIMIZATION - SOURCING OF RAW MATERIALS

- OPTION 1: ENVIRONMENTAL PRODUCT DECLARATION — [CFS 2018- GRI]
- OPTION 2: LEADERSHIP EXTRACTION PRACTICES - RECYCLED CONTENT — [50% PRE.CONS 50% POST.CONS]
- ECONYL® nylon comes from 100% waste material of which a minimum of 50% post-consumer waste is certified.

MR CREDIT — BUILDING PRODUCT DISCLOSURE AND OPTIMIZATION - MATERIAL INGREDIENTS

- OPTION 1: MATERIAL INGREDIENT REPORTING — [CRADLE TO CRADLE]
- OPTION 2: MATERIAL INGREDIENT OPTIMIZATION — [REACH OPTIMIZATION]
- Cradle To Cradle study and REACH Optimization - our chemical ingredients are completely inventoried to ensure avoidance of harmful substances

## INDOOR ENVIRONMENTAL QUALITY

EQ CREDIT — LOW EMITTING MATERIALS — [GENERAL EMISSION EVALUATION-VOC]

- General Emissions Evaluation results ensure our definitely low VOC levels

EQ CREDIT — CONSTRUCTION AIR QUALITY MANAGEMENT PLAN — [IDEM]

## INNOVATION

IN CREDIT — INNOVATION — [CIRCULAR ECONOMY]

- Innovation drives us to circular economy and eco-design. More than recycling, we do regeneration.