

LET'S FACE THE FACTS

Find out about the environmental footprint of the textile sector and how we are doing our part.

BETWEEN 2010 AND 2020 GLOBAL FIBER CONSUMPTION IS LIKELY TO INCREASE BY 30%

THE PROBLEM



BETWEEN 2010 AND 2020
FIBER CONSUMPTION WILL GROW FROM 76.4M TONS TO

96.4M TONS

(Source: PCI Fibres Red Book published May 2012)



IN 2010, THE US AND EU PRODUCED NEARLY **15M TONS**
OF TEXTILE WASTE CONTAINING APPROXIMATELY

1M TONS OF NYLON 6 WASTE

(Source: PCI Fibres Red Book published May 2012)

THE ECO-PLEDGE®: AQUAFIL'S PATH TOWARD FULL SUSTAINABILITY



BETWEEN 2007 AND 2011
WE REDUCED OUR TOTAL WATER CONSUMPTION BY

15%

(Source: Aquafil Sustainability report 2011)



BETWEEN 2007 AND 2011 WE INCREASED THE AMOUNT OF RECYCLED
NON-HAZARDOUS WASTE (PAPER, PLASTIC, WOOD AND MISCELLANEOUS) BY

21% THANKS TO OUR IMPROVED WASTE SEPARATION
AND RECYCLING CAPABILITY

(Source: Aquafil sustainability report 2011)

OUR SOLUTION: THE PRODUCTION PROCESS OF ECONYL® CAPROLACTAM



FOUR YEARS AND

€25 M WERE SPENT ON THE RESEARCH AND DEVELOPMENT,
DESIGN AND BUILDING OF THE CHEMICAL SYSTEM AND DEPOLYMERIZATION PLANT

(Source: Aquafil Internal data, 2013)



WE HAVE RECOVERED NYLON 6 FROM ALL OVER THE WORLD

**CANADA, USA, NORWAY, GREECE, TURKEY,
EGYPT, PAKISTAN, THAILAND**



IN 2015, THE PRODUCTION OF ECONYL® CAPROLACTAM WILL **SAVE MORE THAN**

100,000 TONS OF CO2 EMISSIONS - EQUIVALENT TO A CAR
CIRCUMNAVIGATING THE EQUATOR MORE THAN 15,000 TIMES

(Source: Aquafil Internal data)



IN 2015, THE PRODUCTION OF ECONYL® CAPROLACTAM WILL **SAVE MORE THAN**

2 M GJ OF ENERGY - EQUIVALENT TO THE ENERGY DEMAND OF CITIZENS OF
ROME FOR ABOUT 10 DAYS

(Source: Aquafil Internal data)

PRODUCTS



FOR EVERY TON OF FISH NET RECOVERED AND REGENERATED, WE WILL
PRODUCE ENOUGH YARN FOR **MORE THAN**

26,000 PAIR OF SOCKS

ASSUMPTION: 50% ECONYL® CONTENT IN SOCK

(Source: Aquafil Internal data)



FOR EVERY TON OF FISH NET RECOVERED AND REGENERATED, WE WILL
PRODUCE ENOUGH YARN FOR **MORE THAN**

1,000 METERS² OF CARPET.

TOTAL PILE WEIGHT= 600 G/M²

(Source: Aquafil Internal data)