



[ECNL:IM]

# Investor Presentation European Midcap Event 2022

Paris, 24° June 2022



Index	Page
1. AQUAFIL AT GLANCE	4
2. SUSTAINABILITY PATH	11
2.1. The ECO PLEDGE®	15
2.2. ECONYL®	24
3. 2022 OUTLOOK & 1Q2022 RESULTS	35
3.1. 2022 OULOOK	35
3.2. 1Q2023 KEY FINDING & RESULTS	37
5. PROJECTS UPDATE	50
4. CORPORATE GOVERNANCE AND OWNERSHIP STRUCTURE	56
5. ANNEXES	59





Index	Page
1. AQUAFIL AT GLANCE	4
2. SUSTAINABILITY PATH	11
2.1. The ECO PLEDGE®	15
2.2. ECONYL®	24
3. 2022 OUTLOOK & 1Q2022 RESULTS	35
3.1. 2022 OULOOK	35
3.2. 1Q2023 KEY FINDING & RESULTS	37
5. PROJECTS UPDATE	50
4. CORPORATE GOVERNANCE AND OWNERSHIP STRUCTURE	56
5. ANNEXES	59



## Aquafil at glance



## A GLOBAL GROUP

19 plants in 3 continents and 8 countries;

FY 2020 - ca 2.800 employees,

€ 570m of revenues

€ 72m of EBITDA

## **MARKET LEADER IN NYLON**

Fiber for carpet (BCF)

Fiber for fabrics (NTF)

Polymers and EP

## A SUCCESSFUL BUSINESS MODEL

Proprietary technology with continuous R&D innovation Manufacturing and operational excellence focused on high-end segments

# PIONEERS OF CIRCULARITY WITH ECONYL®

A unique Regeneration System to produce sustainable fiber and polymers from nylon 6 waste Around 37% of fiber turnover

## **TARGETS AT 2025:**

60% Of Revenues Generated By Fibers
From Econyl® Branded Products¹
35,000 Tons Of Post-consumer Waste
Collected Annually
Water Consumption Reduced By 30%
Compared To 2018



## Aquafil at glance - A global Group



**USA** 

Cartersville – Georgia
Aquafil USA 1 & 2

Phoenix - Arizona

Aquafil Carpet Recycling ACR#1

Aquafil Carpet Collection

Sacramento and Chula Vista - California
Aquafil Carpet Recycling ACR#2
Aquafil Carpet Collection

Rutherford College - North Carolina Aquafil O'Mara

% on FY2022 REVENUES

24,2%

## **EUROPE**

ITALY

Arco, Cares and Rovereto
Aquafil Headquarter
Tessilquattro

CROATIA
Oroslavje
Aquafil CRO

**SLOVENIA** 

Ajdovščina, Ljubljana Senožeče and Štore AquafilSLO (4 plants)

*UK*Kilbirnie
Aquafil UK

59,7%

### **ASIA PACIFIC**

CHINA
Jiaxing
Aquafil Jiaxing

JAPAN Tokyo Aquafil Japan

THAILAND

Rayong

Aquafil Asia Pacific

15,6%



## **Aquafil at glance – Market Leader in Nylon with:**



## **KEY APPLICATIONS**

% on FY2022 REVENUES

Fiber for carpet flooring **BCF Product** 







**Automotive** 









Fiber for fabric **NTF Product** 



Clothing & Fashion



Sportswear









23%

**Polymers EP Product** 







**17%** 



## Aquafil at glance – A successful Business model





#### **Production**

### Distribution

#### Clients

## Final application

#### **Standard Caprolactam**

 Nylon 6 monomer (building block) synthetically produced from oil derivatives. Price highly correlated to oil



ADVANSIX





## **BCF** (fiber for capet)

Production and finishing of premium synthetic yarns, principally Nylon 6, for flooring solutions



Direct sale / agents

## **Flooring Solutions** Manufacturers

Interface®





autoneum

## Selected **Application Users**



Contract



Residential



**Automotive** 

#### **ECONYL® Caprolactam**

 From various waste including post-consumer (fishnets, used carpets, etc.)



## NTF (fiber for fabric)

Production and finishing of nylon 6, 6.6 and Dryarn® for textile applications



Direct sale / agents

Direct dialogue with companies interested in ECONYL®

## **Textile Manufacturers**







## **Selected Application Users**



Clothing & **Fashion** 



Swimwear



**Sportswear** 

## **Engineering Plastics** & Polymers

Polymer production for compounders

Direct sale / agents

Compounders and molding customers



**Industrial** Molding



## Aquafil at glance – 50 years of growth – Key milestones











1995

AquafilSLO

**Acquisition of** 













1988





**Establishment of** 

1999 =

**Aquafil USA** 









production















2020 
Acquisition of Planet Recycling



**2021** Establishment of Aquafil Japan





## Aquafil at glance – A Company to change the world



# FORTUNE

MAGAZINE CHANGE THE WORLD

# Fortune's 2019 Change the World List: Companies to Watch

By Matthew Heimer and Erika Fry 19 August 2019

"Burberry and Prada both recently launched collections featuring ECONYL®, a recycled nylon that this Italian yarn manufacturer creates from old fishing nets, fabric scraps, and discarded carpets.

The company claims that for every ton of the upcycled material it produces, it saves 7 barrels of crude oil and 5,7 tons of carbon emissions."





Index	Page
1. AQUAFIL AT GLANCE	4
2. SUSTAINABILITY PATH	11
2.1. The ECO PLEDGE®	15
2.2. ECONYL®	24
3. 2022 OUTLOOK & 1Q2022 RESULTS	35
3.1. 2022 OULOOK	35
3.2. 1Q2023 KEY FINDING & RESULTS	37
5. PROJECTS UPDATE	50
4. CORPORATE GOVERNANCE AND OWNERSHIP STRUCTURE	56
5. ANNEXES	59



## Sustainability path – Driven by vision and business model

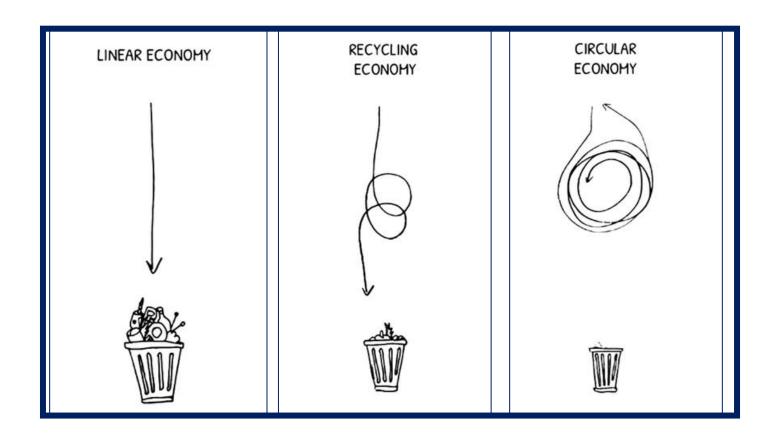


- Journey to circularity started with a deep business model review to prepare Group to next decades evolution based on cultural sensitiveness to environmental topics and Group R&D and technological strengths
- Aquafil correctly identified future trends which gradually became "secular" change drivers
  - Increasing volatility related to crucial raw materials both in term of availability and prices
  - Production process wastes management
  - Growing attention versus an "environmental" frame in the value chain and among stakeholders
    - Clients sharing the same vision
    - Many different regulators increasing focus to environmental laws all across Group presence countries
    - First steps versus Extended Production Responsibility ("EPR")
    - Civil society growing sensitiveness
- Eco-Design is next crucial step
  - from the "raw material-product-waste" linear model to the "closing the loop" paradigm
    - products build with raw materials which will become raw materials by themselves



## Sustainability path – Driven by vision and business model







## Sustainability path – A journey started in 1990















#### 1990

«Lactamic waters» **recovery** from polymerization process

#### 1998

Waste recovery for techno polymers production

#### 2007

The Eco Pledge® foundation



#### 2008

«Energy & Recycling» team: development of internal sustainability culture and related effective implementation (e.g. "green" energy and sustainable raw material procurement)

#### 2011

**ECONYL® Regeneration System:** a production model to obtain regenerated raw materials rom nylon waste recycling



#### 2013

«The Healthy Seas - A journey from Waste to Wear» foundation: reduce abandoned at sea solid waste (fishing nets) through recovering and recycling

Publication of the **first ECONYL® polymer EDP** 





#### **Industrial symbiosis:**

AquafilSLO excess thermal energy to the Atlantis water park in Ljubljana to reduce impact and energy waste of the two activities

## **ECONYL® Qualified:**

develop an environmental qualification protocol to increase sustainability of ECONYL® supply chain

#### 2018

"Sustainability" committee creation at management level

**EFFECTIVE** research project at European level: to develop nylon, starting from renewable raw materials



#### 2019

SA 8000 certification for Aquafil S.p.A., which guarantees respect for the rights of the Group's workers and those who operate in the supply chain

**Eco Pledge alignment to SDGs** 



#### 2020

"Risk committee" board became "Risks and sustainability" committee

**GRI topics** alignment to SDGs



#### 2021

Public disclosure within the Non Financial Declaration of Sustainability targets to be achieved by 2025 and 2028

Disclosure of financial information for 2021 activities aligned with EU taxonomy (EU **Regulation 2020/852)** 





Index	Page
1. AQUAFIL AT GLANCE	4
2. SUSTAINABILITY PATH	11
2.1. The ECO PLEDGE®	15
2.2. ECONYL®	24
3. 2022 OUTLOOK & 1Q2022 RESULTS	35
3.1. 2022 OULOOK	35
3.2. 1Q2023 KEY FINDING & RESULTS	37
5. PROJECTS UPDATE	50
4. CORPORATE GOVERNANCE AND OWNERSHIP STRUCTURE	56
5. ANNEXES	59



## The ECO PLEDGE®





Grow in harmony with local communities, promoting a prosperous and respectful development of their territory.

## **RETHINKING PRODUCTS IN A CIRCULAR PERSPECTIVE**

Innovating products to make them more and more circular, giving new life to waste materials, in an infinite cycle.



## **PROTECTING THE ENVIRONMENT**

Producing consciously and responsibly, pursuing continuos improvement and excellence in every aspetc.

## **SHARED RESPONSIBILITY ALONG THE SUPPLY CHAIN**

Collaborate with suppliers and customers to bring about change and environmental sustainbility in the entire sector.



## **WELL-BEING OF PEOPLE** People who, with

commitment and passion, are the foundation of the Group.



## The ECO PLEDGE® – SDGs and GRI alignment



## **SUPPORTED SDG**S

### **SUPPORTED GRI**



RE THINKING PRODUCTS IN A CIRCULAR PERSPECTIVE







Until now no GRI related to new material development



PROTECTING THE ENVIRONMENT













302-1:2016 | 303-3:2018 303-4:2016 | 307-1:2016



ATTENTION TO THE WELL-BEING OF THE PEOPLE











307-1:2016 | 404-1:2016



SHARED RESPONSIBILITY ALONG THE SUPPLY CHAIN











307-1:2016 | 308-1:2016 413-1:2016 | 414-1:2016



SUPPORT LOCAL COMMUNITIES













413-1:2016



## The ECO PLEDGE® - Sustainability plan and targets (1/2)



### **SUSTAINABILITY PILLARS**

### **IMPROVEMENT AREAS**

#### **PROJECT**

### **2025 TARGET**



RE THINKING PRODUCTS IN A CIRCULAR PERSPECTIVE

- Consolidating existing supply chain
- Creating new sustainable value chains
- Implementing eco-design approach
- Exploring new sustainable supply chain

- Increasing the production of products branded ECONYL®
- Increasing the procurement of post-consumer waste
- Collaborating with brands towards creating circular supply chain
- Bio-based Nylon from renewable feedstock

- ECONYL® accounting at 60% of fibre revenues
- 35.000 tons of post-consumer waste collected
- 13 projects of eco-design and circularity
- Demonstration at pre-industrial scale



PROTECTING THE ENVIRONMENT

- Investing in energy from renewable sources
- Improving the impacts of production processes
- Procurement of electricity from renewable sources for the entire Aquafil group
- ISO 14001 and ISO 50001
- Reducing water consumption and discharge
- · Reducing GHG emission

- 100% of purchased renewable energy (target achieved in 2021)
- All plants certified ISO 14001 by 2025, and ISO 50001 by 2028
- -30% compared to 2018
- Set SBTs



ATTENTION TO THE WELL-BEING OF THE PEOPLE

- Minimizing accidents (Zero accidents)
- ISO45001 / OHSAS18001 certification

All plants certified



## The ECO PLEDGE® - Sustainability plan and targets (2/2)



### **SUSTAINABILITY PILLARS**

### **IMPROVEMENT AREAS**

#### **PROJECT**

### **2025 TARGET**



- Social Responsibility
  - Imple
    - Implementing sustainability and social responsibility policies

ISO 8000

- Increasing collaboration with EMEA BCF customers on take cack systems for pre-consumer waste
- All plants certified by 2028
- Participating in the UN Global Compact initiative
- Involving 60% of EMEA BCF customers



 Educating to environmental protection

Integrating sustainability in

purchasing procedures

- Supporting local recreational initiatives
- Contributing to youth growth
- Supporting vulnerable groups

- Students visiting Aquafil's plants
- Supporting local initiatives
- Sponsoring events
- Supporting organizations working with vulnerable groups

- Minimum 3 visits (yearly target)
- Minimum 10 sponsorships (yearly target)
- Minimum 2 initiative supported (yearly target)
- Minimum 4 organizations supporting



## The ECO PLEDGE® – Re-thinking products









 Collaboration with the entire value chain is the crucial successful driver towards establishing new circular and sustainable business models



MAMMUT
Closing the loop in PA6 ropes

In collaboration also with the NGO Protect
Our Winters Switzerland, the initiative
enabled to collect end-of-life
mountaineering ropes and their recycling
(together with other pre- and
post-consumer waste) to produce ECONYL®
yarn



NAPAPIJRI Closing the loop in NTF

"Circular Series", the first circular apparel collection launched by Napapjri. With a monomaterial composition (filling and trims made of Nylon 6, while fabric made of ECONYL® Regenerated Nylon), the collection is 100% fully recyclable.

Thanks to a take back program, it can be returned after two years of use and recycled into new ECONYL® yarn



CORAL EYEWEAR
Closing the loop in Polymers

"Endangered collection": glasses and sunglasses made with ECONYL® and completed with frame recycling scheme

Take back system (active since 2021) which enable to return frames after the 2-year period of guarantee



## The ECO PLEDGE® – Re-thinking products











products

Eco-Design to create products with the "end in mind" which will become future resources, and not wastes









#### Bio-caprolactam and bio-Nylon Making a better Nylon 6

Realization of a pre-industrial scale plant to demonstrate the technical feasibility of the innovative technology to produce biocaprolactam from renewable, plant-based feedstock.

Coordinating project EFFECTIVE, funded by BBI JU (Bio-Based Industry Joint Undertaking) under the H2020 R&D programme

#### **ECO-DESIGN** Designing carpets with the end in mind

Identification of eco-design solutions towards developing a new generation of textile flooring solutions that can be recycled at the end of their useful life.

Participation in project CISUFLO (CIrcular SUstainable FLOor covering) funded by the European Commission under the H2020 R&D programme.



#### **RESEARCH, DEVELOPMENT & INNOVATION** Developing new circular technologies

Development of a technology to chemically recycle (via depolymerization) PET.

Development of a technology to separate glass fibre from Nylon 6 in engineering plastics products.

Development of a technology to separate elastomer from Nylon 6 fabrics.

## The ECO PLEDGE® – Protecting the environment



 Aquafil is committed to respect the environment in each phase of its own production process





- Therefore, activities and investments to reduce impacts and recover energy are constant across the years
  - E.g. installation of new heating systems with heat recovery, sharing excess thermal energy with structures close to the factories and choosing energy from renewable sources
- From this point of view, below the most relevant Group KPIs

	Unit	2018	2021	Change	Comments 2018-2021
ENERGY CARRIER	GJ	2.494.156	2.644.094	6.0%	Increase of production capacity and plants mostly mitigated by efficiency measures and consistent improvement of used "energy mix"
GREENHOUSE GAS EMISSION	tCO₂eq	86.251	44.456	(48.5%)	Increase of green energy use and use of more efficient equipment
WATER CONSUMPTION	10 <sup>6</sup> liters	3.670	3.092	(15.7%)	Implementation of resources efficiency measure
WATER DISCHARGE	10 <sup>6</sup> liters	3.823	3.314	(13.3%)	Implementation of resources efficiency measure
WASTE PRODUCTION	t	12.453	13.159	5.7%	Increase of the ECONYL® Regeneration System's capacity



## The ECO PLEDGE® – Supply chain share responsibility



Aquafil establish solid relationships with its customers and suppliers,
 who share the commitment and desire to improve together towards a more
 sustainable supply chain, by leveraging on constant comparison and collaboration











Some example of partnership with suppliers and customers who become supplier:



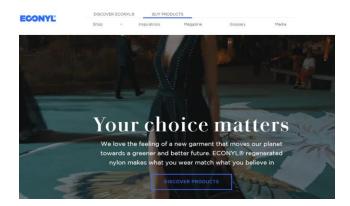
#### **ECONYL® Reclaiming Program**

Leveraging on an internationally structured partnership network, Group can collect large quantities of waste to be regenerated into new ECONYL® yarn.



#### **ECONYL®** Qualified

An initiative to promote the continuous improvement of environmental performance of the ECONYL® supply chain. Five supplier categories already involved in the program.



#### ECONYL® e-commerce

An online platform with educational contents on sustainability, and where ECONYL® products can be shopped





Index	Page
1. AQUAFIL AT GLANCE	4
2. SUSTAINABILITY PATH	11
2.1. The ECO PLEDGE®	15
2.2. ECONYL®	24
3. 2022 OUTLOOK & 1Q2022 RESULTS	35
3.1. 2022 OULOOK	35
3.2. 1Q2023 KEY FINDING & RESULTS	37
5. PROJECTS UPDATE	50
4. CORPORATE GOVERNANCE AND OWNERSHIP STRUCTURE	56
5. ANNEXES	59



## **ECONYL®**



## **ECONYL®** regenerated nylon

100% recycled yarn made of plastic waste such as fishing nets, industrial scraps and used carpets

## THE ECONYL® REGENERATION SYSTEM

**CA 37%** 

of 2021 Aquafil Fiber Revenues



## **ECONYL® - Steps**



## **STEP4: Reimagine**

Fashion brands and carpet producers use ECONYL® regenerated nylon to create brand new products
And that nylon has the potential to be recycled infinitely, without ever loosing its quality

## THE ECONYL® REGENERATION SYSTEM



### **STEP1: Rescue**

The ECONYL® Regeneration
System starts with rescuing
waste, like fishing nets, fabric
scraps, carpet flooring and
industrial plastic from all over
the world
That waste is then sorted and
cleaned to recover all of the
nylon possible

## STEP3: Remake

ECONYL® regenerated caprolactam is processed into polymer and yarn for the fashion and carpet industries

## **STEP2: Regenerate**

Through a depolymerization and purification process, the nylon waste is recycled right back to its original purity
That means ECONYL®
regenerated nylon is exactly the same as conventional nylon coming from oil

## **ECONYL®** – Drivers



Innovative marketing activities

THE ECONYL®
REGENERATION SYSTEM



**R&D** activities

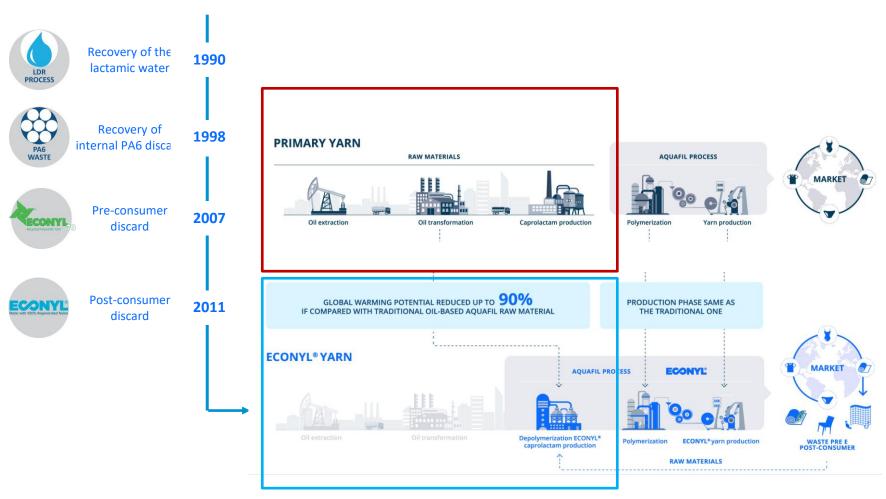
**Industrial capacity increase** 

Creation of nylon waste reverse logistic platform

## **ECONYL® – Drivers – R&D activities**



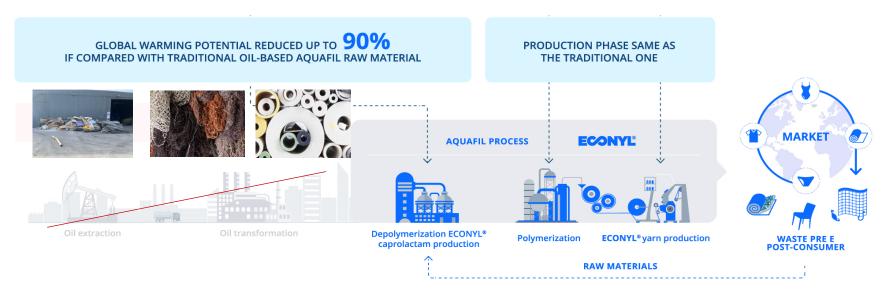
• Usual R&D activities shown us new opportunities in Group production process



## **ECONYL® – Drivers – Nylon waste reverse logistic platform**



- Group was able to built a nylon "reverse" supply chain to collect raw materials for ECONYL® to create a stable and competitive quantity of nylon waste to be supplied to the regeneration plant in Slovenia
  - Pre consumer waste
  - Carpets: December 2020 acquisition of Planet Recycling
  - Fishing nets: October 2021 the acquisition of Nofir





## **ECONYL®** – Drivers – Industrial capacity increase



- Circularity is one of the milestones of Group CAPEX process
  - Support development and environmental KPI targets achievements
- The capability to increase ECONYL® capacity, allowed to consistently follow demand growth
- Actual industrial capacity increased significantly through 2018-2019 will allow Group to both follow demand recovery and sustain medium-term growth





## **ECONYL® – Drivers – Innovating marketing activities**



- Aquafil products are ingredients incorporated into final client products and therefore are not visible to end consumer
- Since its launch, ECONYL® ingredient proved to be the perfect fit for a different marketing strategy: a strong ingredient branding approach
- This thanks to three main conditions: "fits the category", "point of parity" and "point of difference"

**FITS THE CATEGORY** 

ECONYL® perfectly fits in the category of "Sustainable Products"

POP

ECONYL® has those points of parity needed for a smooth and quick adoption. The high-quality standards allow the supply chain to easily replace any traditionally oil-based nylon fiber, without any compromise with esthetic, colors and hand fill

**POD** 

ECONYL® has an edge over the competitors as it holds a unique story of a 100% regenerated nylon fiber from post and pre-consumer waste. The circular model provides a competitive advantage that no other product are able to give

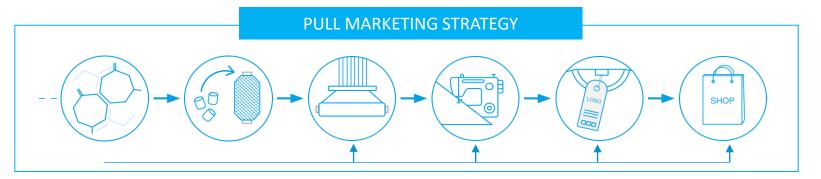


## **ECONYL® – Drivers – Innovating marketing activities**



- "Traditional" marketing strategies
  - B2B strategy: building marketing towards chain next link through a narrow and single-sided customersupplier relationship
  - Multilevel Ingredient strategy ("pull strategy"): product demand is created at different levels through investments and cooperation with all tiers of the supply chain



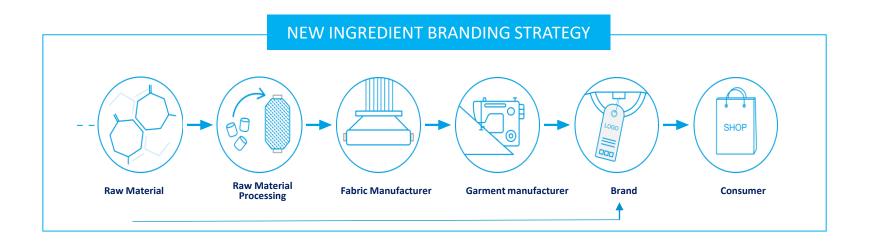




## **ECONYL® – Drivers – Innovating marketing activities**



- ECONYL® branding strategies
  - Targeted only on the final brand, this approach surpasses limitations and dangers of a too narrow and single-sided customer-supplier relationship
  - Selling process is based on partnerships and direct communication with fashion and sportswear brands who are taking the purchasing decision. Cooperation with the entire value chain is thus focus around the ECONYL® ingredient
  - This approach is possible thanks to the ECONYL® POP and POD





## **ECONYL®** – To consumer.....



Partner sharing same "circularity" vision were attracted by ECONYL® value proposition





















ALEXANDER MQUEEN





































O'NEILL @



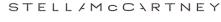


















Index	Page
1. AQUAFIL AT GLANCE	4
2. SUSTAINABILITY PATH	11
2.1. The ECO PLEDGE®	15
2.2. ECONYL®	24
3. 2022 OUTLOOK & 1Q2022 RESULTS	35
3.1. 2022 OULOOK	35
3.2. 1Q2023 KEY FINDING & RESULTS	37
5. PROJECTS UPDATE	50
4. CORPORATE GOVERNANCE AND OWNERSHIP STRUCTURE	56
5. ANNEXES	59



## 2022 Outlook



- The first quarter of 2022 saw the outbreak of the conflict between Russia and Ukraine, which is having and will continue to have, negative consequences for global growth and financial markets. In addition, the COVID-19 pandemic recently showed major signs of a resurgence in China.
- These first weeks after the end of the quarter have yielded limited impacts on demand, most concentrated in the Polymers product line. Measures to recoup the increase in the cost of factors of production through selling prices continued.
- However, there remains a possibility that major events such as those outlined above may result in a reduction in demand and/or the unavailability of some factors of production.





Index	Page
1. AQUAFIL AT GLANCE	4
2. SUSTAINABILITY PATH	11
2.1. The ECO PLEDGE®	15
2.2. ECONYL®	24
3. 2022 OUTLOOK & 1Q2022 RESULTS	35
3.1. 2022 OULOOK	35
3.2. 1Q2023 KEY FINDING & RESULTS	37
5. PROJECTS UPDATE	50
4. CORPORATE GOVERNANCE AND OWNERSHIP STRUCTURE	56
5. ANNEXES	59



### **1Q 2022 – KEY MESSAGE**



#### 1Q 2022 RESULTS SHARPLY INCREASING COMPARED TO 1Q 2021

REVENUES AT +31% ON 1Q21

**EBITDA AT +35% ON 1Q21** 

# REVENUES OF ECONYL® BRANDED PRODUCTS

UP BY 73.3% VS 1Q21

42.2% OF REVENUES GENERATED BY FIBERS

PROCESS
STARTED
IN THE
UNITED STATES

Listing ordinary shares
also, on the North American
over-the-counter market
managed by
the OTC Market Group,
in the
OTCQX
International segment



### **1Q2022 Main Results**



	RE	VENUES	
	2022	2021	Δ%
IQ22	171,2	130,6	31,0%

	EBITDA							
	2022	2021	Δ%					
1Q22	24,8	18,3	35,4%					
% on Revenues	14,5%	14,0%						

	NET PROFIT						
	2022	Δ%					
1Q22	9,1	3,5	161,0%				
% on Revenues	0,05	0,03					

	NFP	
	31.03.22 31.12.21	Δ%
1Q22	(200,9) (179,2)	12,1%

**SALES** 

#### **VOLUME**

-4,1% compared to 1Q21 lower polymers demand

#### USA

best macro area

#### **ECONYL®**

ca 42,2% of Fiber Revenues Growth of 73% vs Q1 21 **EBITDA** 

Higher to Q1 2021

Thanks to

Better sales mix

Repricing to recover higher cost of raw material and energy cost **NET PROFIT** 

Strong increase driven by EBIT improvement NFP

Higher of 12% vs Dec 21

Increase of Net Working Capital for price effect

NFP/EBITDA LTM

2,49x

on 31st December 2021

**2,56x** on 31st March 2022

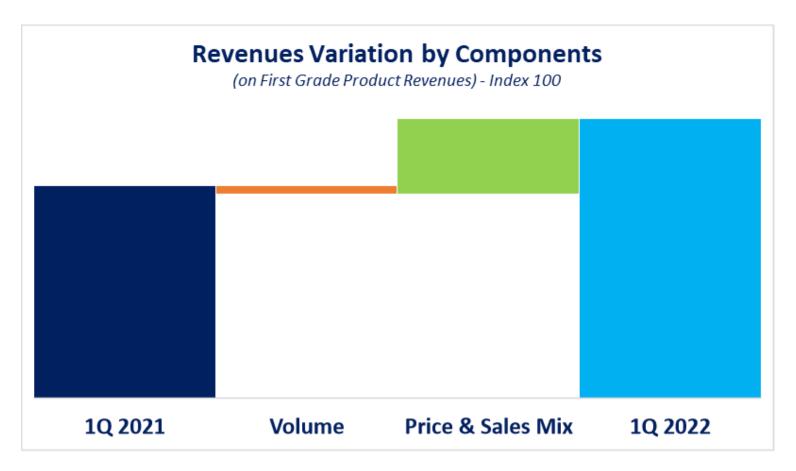


<sup>(1)</sup> Based on "First Grade Product" revenues

### **Revenues – by Components**



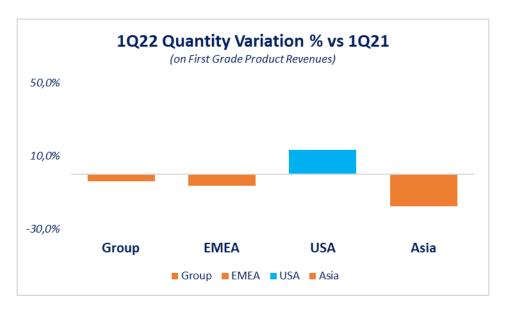
- 1Q2022: lower volumes of ca 4% compared to 1Q2021
  - Volume: lower polymers sales (1Q 2021 exceptional demand);
  - Price & sales mix: positive impact thanks to selling price adjustment and better mix





### **Revenues – Quantity**





#### EMEA: volumes ca -6% vs 1Q22:

- BCF: higher quantity vs 1Q21 due to increase of BCF fiber for contract;
- NTF: in line with 1Q22;
- Polymers: lower market demand (extraordinary demand in 1Q21)

#### **USA**: volumes ca +13% vs 1Q22 :

- BCF: higher quantity vs 1Q21 due to increase of BCF fiber for contract and competitor withdrawal
- NTF: in line with 1Q22;

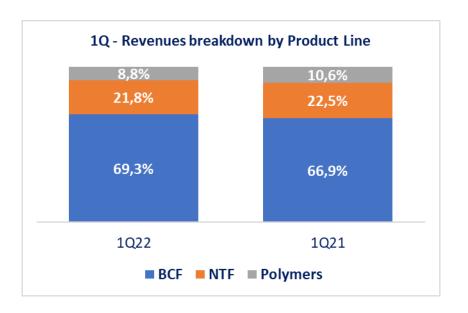
#### Asia: volumes ca -17% vs 1Q22:

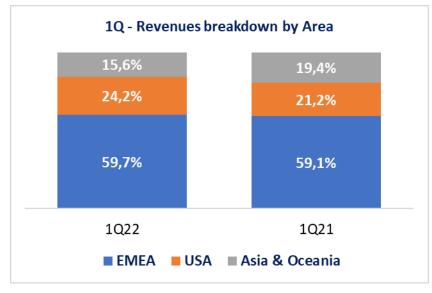
BCF: lower quantity vs 1Q21 due to lower demand in residential sector



# Revenues – Breakdown by Product Line and Area





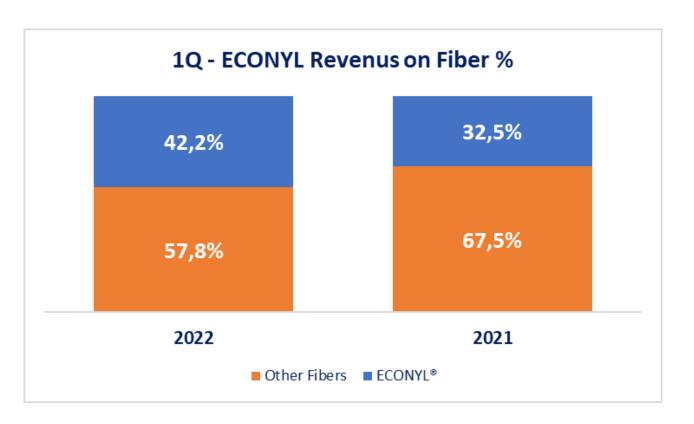




#### Revenues – ECONYL®



- Strong growth +73% vs 1Q21 due to price increase and higher quantities driven by:
  - BCF fiber: higher demand in contract sector
  - NTF: higher demand from fashion brands





### P&L - KPI

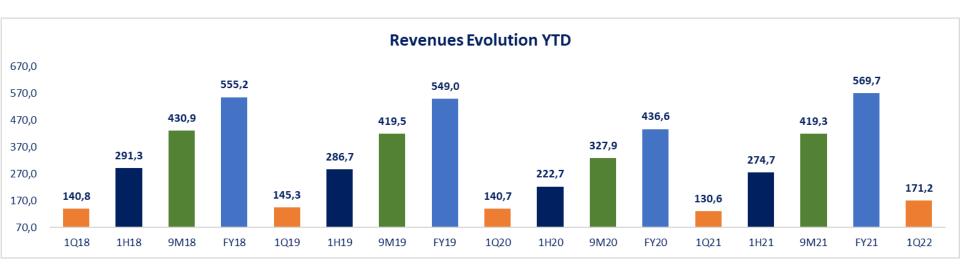


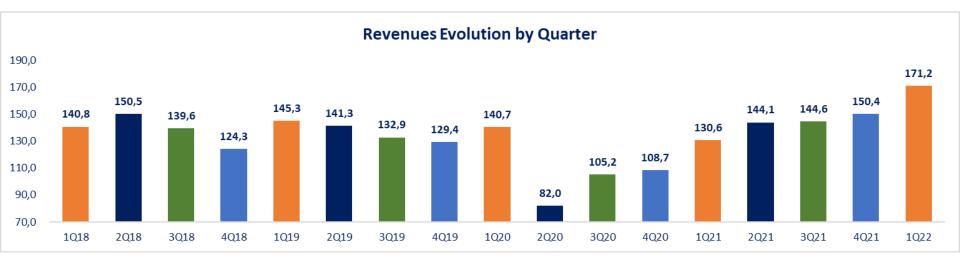
	1Q						
	2022	2021	Δ%				
REVENUES	171,2	130,6	31,0%				
EBITDA	24,8	18,3	35,4%				
% on net sales	14,5%	14,0%					
EBIT	12,5	6,1	105,3%				
% on net sales	7,3%	4,6%					
EBT	11,9	4,7	152,7%				
% on net sales	7,0%	3,6%					
NET RESULT	9,1	3,5	161,0%				
% on net sales	5,3%	2,7%					



#### **P&L – Revenues Evolutions**



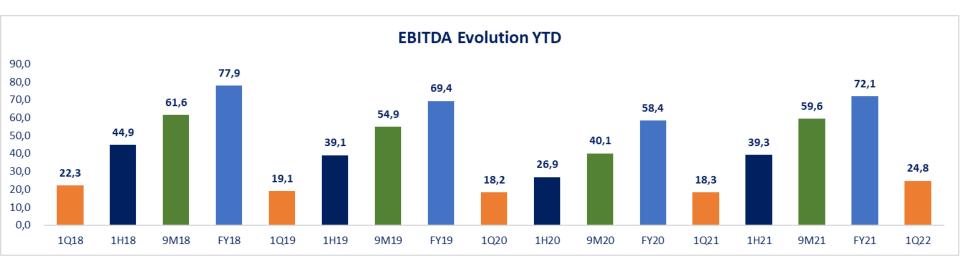


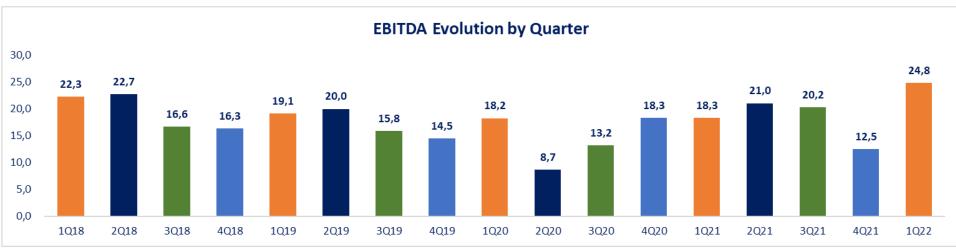




#### **P&L – EBITDA Evolutions**





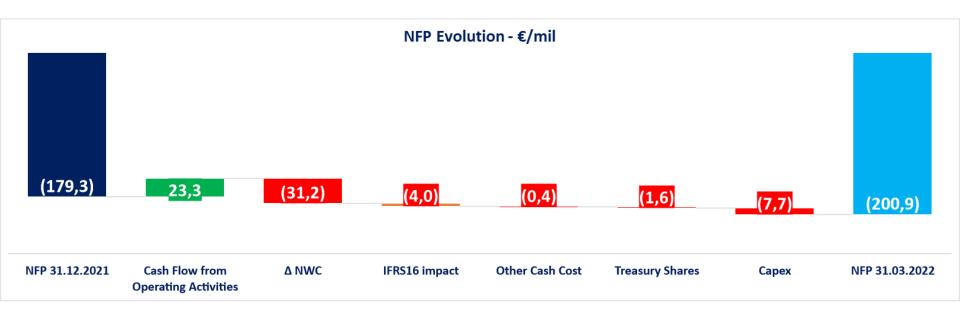




### NFP – Increase of NWC mainly driven by inventory



- NWC growth driven by increase of inventory value due to
  - higher unitary cost of raw material and
  - increase of raw material quantities;

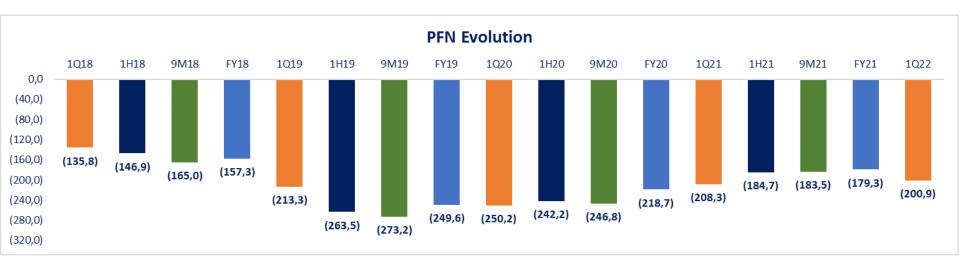


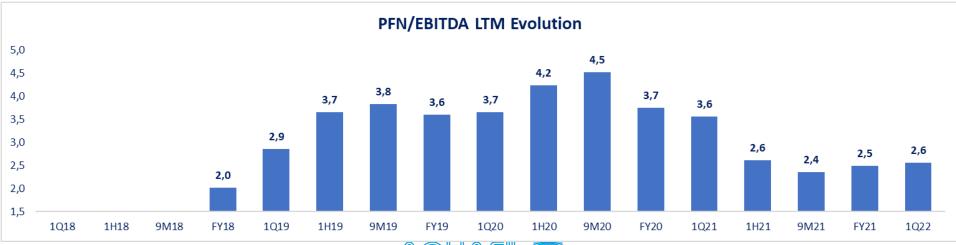


### NFP - NPF/EBITDA



- NFP on 31<sup>st</sup> March 2022 equal to **200,9 €/mil**, higher of by **12,1%** compared to 31<sup>st</sup> December 2021
- Ratio NPF/EBITDA LTM at 2,56x









Index	Page
1. AQUAFIL AT GLANCE	4
2. SUSTAINABILITY PATH	11
2.1. The ECO PLEDGE®	15
2.2. ECONYL®	24
3. 2022 OUTLOOK & 1Q2022 RESULTS	35
3.1. 2022 OULOOK	35
3.2. 1Q2023 KEY FINDING & RESULTS	37
5. PROJECTS UPDATE	50
4. CORPORATE GOVERNANCE AND OWNERSHIP STRUCTURE	56
5. ANNEXES	59



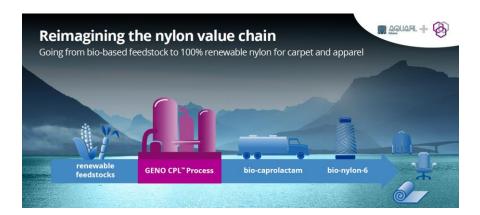
### Projects updating - Bio based nylon project



- A pillar of Group "The ECO PLEDGE®" and one of the most relevant initiatives in which the Group takes part
  - 2 complementary and synergic paths: Genomatica and project EFFECTIVE

#### Genomatica

- Joint technological development to produce the first ever bio-based Nylon 6 from renewable raw materials
- Collaboration with Genomatica one of the leading bio-engineering company in the world started in 2017
- In 2019-2020, validation of the technology at "pilot" scale through the production of approx. one ton of biobased intermediate, which was then converted into bio-based caprolactam. Currently under conversion into bio-based Nylon 6
- 2021 step will be the construction and start-up of a demonstration plant





### Projects updating – Bio based nylon project



- Project EFFECTIVE
  - Extending Aquafil Genomatica initiative to the whole supply chain by validating bio-based polyamides and bio-based polyesters from renewable raw materials into large-consumer products
    - Polymers' versatility allows application in a wide range of products and sectors (filaments for textile applications, films for packaging, etc.)
  - Started in 2018, supported by the Bio-Based Industry Joint Undertaking (through the EU Horizon 2020
     Research Programme), and involving 12 organization from 7 European Countries.
  - Technologies have been already validated at "pilot" scale, and the upscaling of all manufacturing steps (from raw materials up to manufacturing of prototypes of carpets, fabrics and garments) is currently on-going







### **Group development – Development in Japan**



- In February important development steps were taken to expand Group presence in Japan
  - At BCF product line level: establishment of Aquafil Japan Co., Ltd., based in Tokyo, 100% owned by Aquafil
     S.p.A.: the subsidiary will transform and market polymers and synthetic fibers on the Japanese market
  - At Group level: create strong partnership with important local partners to expand circularity under the
     ECONYL® brand
- **BCF** Group reference market in Japan is estimated at around 18.000ton (equal to € 80-90m) <sup>(1)</sup> and is characterised by both important historical features and more recent trends
  - Historical features
    - Demand of high quality products (e.g., tiles and mats) and high standard services;
    - Distributors play a crucial role in market development,
       with a 3-year collection rhythm

Strong attention for high quality and service is perfectly in line with Aquafil proposition



Example of high-end tiles





### **Group development – Development in Japan**



- More recent trends
  - Strong cultural sensitiveness to environmental and sustainability topics
    - extremely positive recognition for ECONYL®
  - Some signs of primary competitors withdrawal
- Group is focusing its activities to built relationship with important carpet manufactures and distributors through
  - Establishment of a local organisational and commercial structure
  - Partnership with a local manufacturer with reprocessing yarn facilities
  - Creation of a combined global team which can offer Group best practices
    - Technological and production support from Chinese operations
    - Design and marketing advocacy from headquarter carpet centre
- Group target is to increase reputation and visibility on the market and therefore enter in the 2022-2024 distributors collection



### **Group development – Acquisition of ca 32% in NOFIR**



- Nofir: based in Bodø, Norway, is a leading European player in the collection and processing of fishing and aquaculture nets at the end of their life cycles. Since 2011, Nofir has collected over 48,000 tons of nets in 20 countries on five continents using an advanced system for collecting and tracing discarded nets from the fishing and aquaculture industry. The company collaborates actively with Healthy Seas®, a foundation created by Aquafil and other partners whose main mission is raising awareness among consumers of the problem of fishing nets lost or abandoned in our oceans
- Target: Coverage of procurement and efficiency gains in the nylon waste recovery industry
- After the acquisition of Planet Recycling (Aquafil Carpet Collection) in December 2020 —important asset in increasing the circularity of our processes — the investment in Nofir further strengthens the approach for control over the procurement chain;





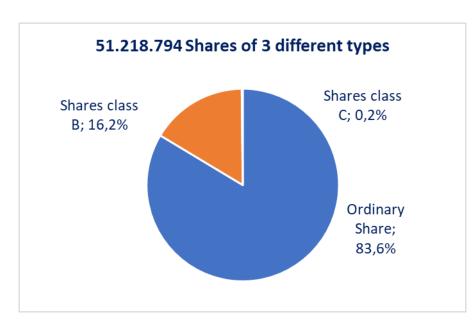
Index	Page
1. AQUAFIL AT GLANCE	4
2. SUSTAINABILITY PATH	11
2.1. The ECO PLEDGE®	15
2.2. ECONYL®	24
3. 2022 OUTLOOK & 1Q2022 RESULTS	35
3.1. 2022 OULOOK	35
3.2. 1Q2023 KEY FINDING & RESULTS	37
5. PROJECTS UPDATE	50
4. CORPORATE GOVERNANCE AND OWNERSHIP STRUCTURE	56
5. ANNEXES	59

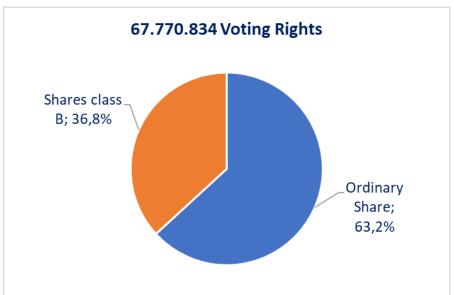


## **Ownership Structure & Governance – Ownership Structure**



- A capital structure with 3 type of Shares
  - Ordinary Share
  - Share B: dedicated to Giulio Bonazzi family with the same economic right of ordinary share but with 3 voting right for any share
  - Share C: no transferable, no economic and voting right but at certain conditions convertible in ordinary share
     at a ratio of 4,5 ordinary share for 1 Share C



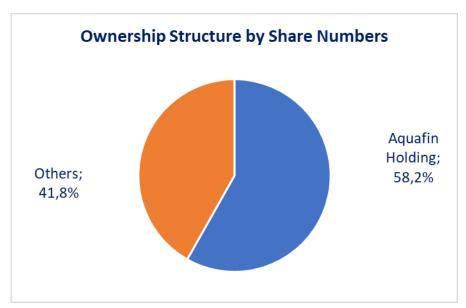


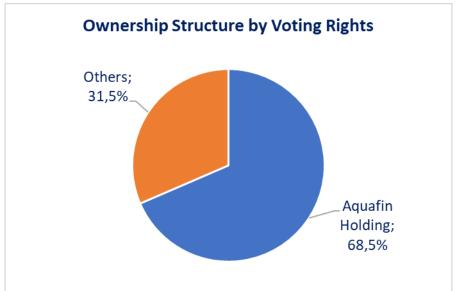


### **Ownership Structure & Governance – Ownership Structure**



Main Aquafil's shareholders is Aquafin Holding S.p.A., holding of Giulio Bonazzi Family







### **Ownership Structure & Governance – Governance**



#### **BOARD OF DIRECTORS**

### Giulio Bonazzi Chairman and CEO

Stefano Loro
Executive Director

Silvana Bonazzi

Director

Margherita Zambon
Independent Director<sup>(1) (6)</sup>

Independent Director (1) (4) (5)

Attilio Annoni Executive Director

Franco Rossi
Director

Ilaria Maria Dalla Riva
Independent Director<sup>(1) (4) (6)</sup>

Francesco Profumo Simona Heidempergher

Independent Director (1) (2) (3)

#### **BOARD OF DIRECTORS**

a) Diversity: 44,4% women and 55,6% man

b) Average age: 56,8

c) Independent Directors: 44,4%

d) Lead Independent Director

#### **STATUTORY AUDITORS**

Stefano Poggi Longostrevi Chairman



**Bettina Solimando** Statutory Auditor

#### **AUDITORS FIRMS**



<sup>(1)</sup> Director who has declared that he satisfies the independence requirements pursuant to Articles 147-ter, paragraph 4 of the Consolidating Law on Finance, as well as Article 3 of the Code of Self-Governance – (2) Lead Independent Director - (3) Member and President of Audit and Risk Committee - (4) Member of Audit and Risk Committee (5) Member and President of Appointment and Remuneration Committee - (6) Member of Appointment and Remuneration Committee



Index	Page
1. AQUAFIL AT GLANCE	4
2. SUSTAINABILITY PATH	11
2.1. The ECO PLEDGE®	15
2.2. ECONYL®	24
3. 2022 OUTLOOK & 1Q2022 RESULTS	35
3.1. 2022 OULOOK	35
3.2. 1Q2023 KEY FINDING & RESULTS	37
5. PROJECTS UPDATE	50
4. CORPORATE GOVERNANCE AND OWNERSHIP STRUCTURE	56
5. ANNEXES	59



#### **Disclaimer**



This presentation and any material distributed in connection herewith (together, the "Presentation") prepared by Aquafil S.p.A. ("Aquafil" or "Company") do not constitute or form a part of, and should not be construed as, an offer for sale or subscription of or solicitation of any offer to purchase or subscribe for any securities, and neither this Presentation nor anything contained herein shall form the basis of, ore be relied upon in connection with, or act as an inducement to enter into, any contract or commitment whatsoever.

The Presentation contains forward-looking statements regarding future events and the future results of Aquafil that are based on current expectations, estimates, forecasts, and projections about the industries in which Aquafil operates and the belief and assumptions of the management of Aquafil. In particular, among other statements, certain statements with regards to management objectives, trends in results of operations, margins, costs, return on equity, risk management are forward-looking in nature. Words such as 'expects', 'anticipates', 'fargets', 'goals', 'projects', 'intends', 'plans', 'believes', 'seeks', 'estimates', variations of such words, and similar expressions are intended to identify such forward-looking statements. These forward-looking statements are only predictions and are subject to risks, uncertainties, and assumptions that are difficult to predict because they relate to events and depend on circumstances that will occur in the future. Therefore, Aquafil's actual result may differ materially and adversely from those expressed or implied in any forward-looking statements. Factors that might cause or contribute to such differences include, but are not limited to, economic conditions globally, political, economic and regulatory developments in Italy and internationally. Any forward-looking statements made by or on behalf of Aquafil speak only as of the date they are made. Aquafil does not undertake to update forward-looking statements to reflect any changes in Aquafil's expectations with regard thereto or any changes in events, conditions or circumstances on which any such statement is based.

No reliance may be placed for any purposes whatsoever on the information contained in the Presentation, or any other material discussed in the context of the presentation of such material, or on its completeness, accuracy or fairness. The information contained in the Presentation might not be independently verified and no representation or warranty, express or implied, is made or given or on behalf of the Company or any of its members, directors, officers or employees or any other person as to the accuracy, completeness or fairness of the information or opinions contained in this document or any other material discussed in the context of the presentation of the Presentation. None of the Company, nor any of its respective members, directors, officers or employees nor any other person accepts any liability whatsoever for any loss howsoever arising from any use of the Presentation or its contents or otherwise arising in connection therewith.

Mr. Sergio Calliari, the Manager in charge of preparing the corporate accounting documents, declares that pursuant to Article 154-bis, paragraph 2, of the Legislative Decree No. 58 dated February 24, 1998, the accounting information contained in the Presentation correspond to document results, books and accounting records.

The reader should, however, consult any further disclosure Aquafil may make in documents its files with the Italian Securities and Exchange Commission and with the Italian Stock Exchange.



#### **Definitions**



# «FIRST CHOICE REVENUES»

"First choice revenues" are revenues generated by the sale of fiber and polymers, gross of any adjustments (for example, discounts and allowances), but excluding revenues generated by "non-first choice products", revenues generated by Aquafil Engineering GmbH and "other revenues". Based on historical figures, these revenues accounted for more than 95% of the Group's consolidated revenues

#### **EBITDA**

**NFP** 

This is an alternative performance indicator not defined under IFRS but used by company management to monitor and assess the operating performance as not impacted by the effects of differing criteria in determining taxable income, the amount and types of capital employed, in addition to the amortisation and depreciation policies. This indicator is defined by the Aquafil Group as the net result for the year adjusted by the following components: income taxes, investment income and charges, amortisation, depreciation and write-downs of tangible and intangible assets, provisions and write-downs, financial income and charges, non-recurring items.

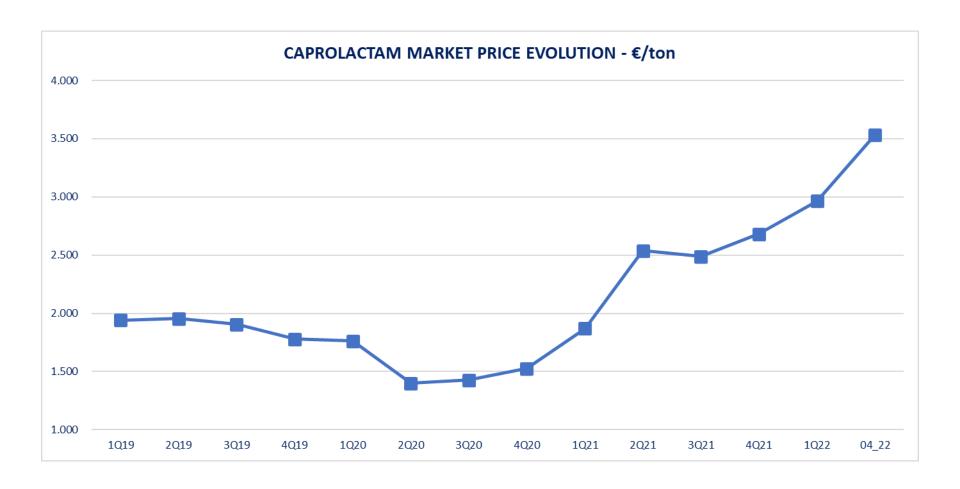
This was calculated as per Consob Communication of July 28, 2006 and the ESMA/2013/319 Recommendations:

- A. Cash
- B. Other liquid assets
- C. Other current financial assets
- D. Liquidity (A+B+C)
- E. Current financial receivables
- F. Current bank payables
- G. Current portion of non-current debt
- H. Other current financial payables
- I. Current financial debt (F+G+H)
- J. Net current financial debt (I-D-E)
- K. Non-current bank payables
- L. Bonds issued
- M. Other non-current payables
- N. Non-current financial debt (K+L+M)
- O. Net financial debt (J+N)



## **Appendix - Sector Data - Caprolactam price evolution**







# **Appendix - Consolidate Income Statements**



CONSOLIDATED INCOME STATEMENT	First Quarter	of wich non-	First Quarter	of wich non-
€/000	2022	current	2021	current
Revenue	171.160	296	130.640	-
of which related parties	13		13	
Other Revenue	1.256	91	826	5
Total Revenue and Other Revenue	172.416	387	131.466	5
Raw Material	(78.567)	(91)	(62.764)	-
Services	(38.860)	(354)	(24.316)	(72)
of which related parties	(526)		(109)	
Personel	(31.387)	(347)	(27.315)	(111)
Other Operating Costs	(1.234)	(55)	(795)	(8)
of which related parties	(17)		(17)	
Depreciation and Amorti zation	(10.919)		(11.328)	
Doubtful debt prevision	(17)		(110)	
Provisions for risks and charges	25		7	
Capitalization of Internal Construction Costs	1.004		1.225	
EBIT	12.463	(460)	6.071	(186)
Other Financial Income	1.694		237	
Interest Expenses	(1.872)		(2.032)	
of which related parties	(31)		(45)	
FX Gains and Losses	(383)		434	
Profit Before Taxes	11.902	(460)	4.709	(186)
Income Taxes	(2.782)		(1.215)	
Net Profit (Including Portion Attr. to Minority)	9.120	(460)	3.494	(186)
Net Profit Attributable to Minority Interest	0		0	
Net Profit Attributable to the Group	9.120		3.494	

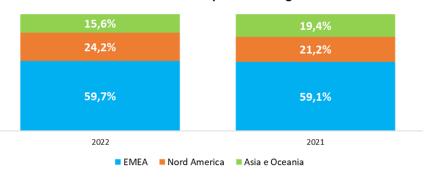


# **Appendix - Consolidate Income Statements - Revenues 1Q**

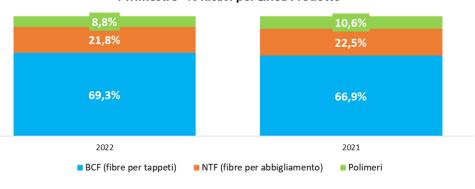


I Trimestre	В	CF (fibre pe	r tappeti)		NTF	(fibre per a	bbigliamer	nto)		Polim	eri				TOTA	LE		
€/mil	2022	2021	Δ	Δ%	2022	2021	Δ	Δ%	2022	2021	Δ	Δ%	2022	2021	Δ	Δ%	% 22	% 21
EMEA	59,4	43,4	16,0	36,8 %	28,4	21,3	7,1	33,4 %	14,5	12,5	2,0	16,0 %	102,3	77,2	25,1	32,5 %	59,7 %	59,1 %
Nord America	33,9	19,3	14,6	75,8 %	7,4	7,2	0,2	2,1 %	0,2	1,2	(1,0)	(79,9)%	41,5	27,7	13,8	49,9 %	24,2 %	21,2 %
Asia e Oceania	25,2	24,7	0,5	2,2 %	1,0	0,5	0,4	81,2 %	0,4	0,1	0,3	250,7 %	26,6	25,3	1,3	5,0 %	15,6 %	19,4 %
Resto del mondo	0,2	0,1	0,1	0,0 %	0,6	0,4	0,2	0,0 %	0,0	0,0	0,0	0,0 %	0,8	0,4	0,4	87,3 %	0,5 %	0,3 %
TOTALE	118,7	87,4	31,2	35,7 %	37,4	29,4	7,9	27,0 %	15,1	13,8	1,3	9,7 %	171,2	130,6	40,5	31,0 %	100,0 %	100,0 %
%	69,3%	66,9%			21,8%	22,5%			8,8%	10,6%			100,0%	100,0%				

#### I Trimestre - % Ricavi per Area Geografica



#### I Trimestre - % Ricavi per Linea Prodotto





### Appendix - Consolidate Income Statements - EBITDA & EBITD A

RECONCILIATION FROM NET PROFIT TO EBITDA $\epsilon/000$	First Quarter 2022	First Quarter 2021
Net Profit (Including Portion Attr. to Minority)	9.120	3.494
Income Taxes	2.782	1.215
Amortisation & Depreciation	10.919	11.328
Write-downs & Write-backs of intangible and tangible assets	(9)	102
Financial items (*)	1.542	1.998
No recurring items (**)	460	186
EBITDA	24.814	18.327
Revenue	171.160	130.640
EBITDA Margin	14,5%	14,0%

RECONCILIATION FROM EBITDA TO EBIT ADJUSTED $\epsilon/000$	First Quarter 2022	- 1
EBITDA	24.814	18.327
Amortisation & Depreciation	10.919	11.328
Write-downs & Write-backs of intangible and tangible assets	(9)	102
EBIT Adjusted	13.904	6.896
Revenue	171.160	130.640
EBIT Adjusted Margin	8,1%	5,3%

<sup>(\*)</sup> The financial items include: (i) financial income of Euro 1.7 million and Euro 0.2 million respectively in the periods ending March 31, 2022 and March 31, 2021 (ii) financial charges and other bank charges of Euro 1.8 million and Euro 2.0 million respectively in the periods ending March 31, 2022 and March 31, 2022 and March 31, 2021, (iii) cash discounts of Euro 1.0 million end Euro 0.6 million respectively in the periods ending March 31, 2022 and March 31, 2021, and (iv) exchange loss of Euro 0.4 million and exchange gains of Euro 0.4 million respectively in the periods ending March 31, 2021.

<sup>(\*\*)</sup> This includes (i) non-recurring charges related to the expansion of the Aquafil Group for Euro 0.01 million and Euro 0.05 million respectively in the periods ending March 31, 2022 and March 31, 2021, (ii) non-recurring ECONYL\* development charges of Euro 0.37 million in the period March 31, 2022 (iii) restructuring charges of Euro 0.09 million in the periods ending March 31, 2022 (iv) other non-recurring income of Euro 0.01 million and other non-recurring charges Euro 0.13 million respectively in the periods ending March 31, 2022 and March 31, 2021



# **Appendix - Consolidate Balance Sheet(1)**



CONSOLIDATED BALANCE SHEET	At March 31,	At December 31,
€/000	2022	2021
Intangible Assets	23.254	23.551
Goodwill	15.034	14.735
Tangible Assets	243.774	240.489
Financial Assets	1.886	710
of which related parties	318	318
Investments & Equity metod	1.018	1.018
Other Assets	576	626
Deferred Tax Assets	13.349	12.269
Total Non-Current Assets	298.891	293.398
Inventories	204.243	177.243
Trade Receivable	38.147	31.233
of which related parties	20	71
Financial Current Assets	225	860
Current Tax Receivables	318	423
Other Current Assets	14.378	12.853
of which related parties	1.112	3.152
Cash and Cash Equivalents	142.561	152.656
Total Current Assets	399.874	375.268
Total Current Assets	698.765	668.666



# **Appendix - Consolidate Balance Sheet(2)**



CONSOLIDATED BALANCE SHEET	At March 31,	At December 31,
€/000	2022	2021
Share Capital	49.722	49.722
Reserves	105.299	91.708
Group Net Profit for the year	9.120	10.670
Group Shareholders Equity	164.141	152.101
Net Equity attributable to minority interest	1	1
Net Profit for the year attributable to minority interest	0	0
Total Sharholders Equity	164.142	152.102
Employee Benefits	5.805	5.910
Non-Current Financial Liabilities	275.214	263.421
of which related parties	7.165	6.359
Provisions for Risks and Charges	1.891	1.929
Deferred Tax Liabilities	11.834	11.158
Other Payables	10.360	10.813
Total Non-Current Liabilities	305.104	293.230
Current Financial Liabilities	69.688	69.438
of which related parties	1.906	2.240
Current Tax Payables	2.569	1.721
Trade Payables	131.975	126.566
of which related parties	813	352
Other Liabilities	25.287	25.608
of which related parties	230	230
Total Current Liabilities	229.519	223.334
Total Equity and Liabilities	698.765	668.666



# **Appendix - Net Financial Position**



NET FINANCIAL DEBT	At March 31,	At December 31,
€/000	2022	2021
A. Liquidity	142.561	152.656
B. Cash and cash equivalents	-	-
C. Other current financial assets	225	860
D. Liquidity (A + B + C)	142.786	153.516
E. Current financial debt (including debt instruments but excluding the current portion of	(1.734)	(203)
non-current financial debt)		
F. Current portion of non-current financial debt	(67.954)	(69.236)
G. Current financial debt (E + F)	(69.688)	(69.438)
H. Net current financial debt (G - D)	73.098	84.078
I. Non-current financial debt (excluding current portion and debt instruments)	(190.803)	(180.185)
J. Debt instruments	(83.197)	(83.210)
K. Trade payables and other non-current payables	-	-
L. Non-current financial debt (I + J + K)	(274.001)	(263.396)
M. Total financial debt (H + L)	(200.903)	(179.318)



# **Appendix - Consolidated Cash Flow Statement (1)**



#### CASH FLOW STATEMENT

€/000	At March 31, 2022 At March 31, 2021	
Operation Activities		
Net Profit (Including Portion Attr. to Minority)	9.120	3.497
of which related parties	(561)	(158)
Income Taxes	2.782	1.215
Financial income	(1.694)	(57)
Financial charges	1.872	2.032
of which related parties	(31)	(45)
FX (Gains) and Losses	383	(434)
(Gain)/Loss on non - current asset Disposals	(56)	(31)
Provisions & write-downs	17	110
Write-downs of financial assets (receivables)	(25)	(7)
Amortisation, depreciation & write-downs	10.918	11.301
Cash Flow from Operating Activities Before Changes in NWC	23.316	17.626
Change in Inventories	(27.001)	590
Change in Trade and Other Payables	5.409	6.744
of which related parties	461	149
Change in Trade and Other Receivables	(6.889)	(7.095)
of which related parties	51	43
Change in Other Assets/Liabilities	(2.696)	1.140
of which related parties	2.040	(75)
Net Interest Expenses paid	(178)	(1.976)
Income Taxes paid	(78)	-
Change in Provisions for Risks and Charges	(242)	(255)
Cash Flow from Operating Activities (A)	- 8.358	16.774



# **Appendix - Consolidated Cash Flow Statement (2)**



#### CASH FLOW STATEMENT

€/000	At March 31, 2022 At March 31, 2021	
Investing activities		
Investment in Tangible Assets	(7.226)	(4.976)
Disposal of Tangible Assets	76	31
Investment in Intangible Assets	(550)	(864)
Disposal of Intangible Assets		
Cash Flow used in Investing Activities (B)	- 7.701 -	5.809
Financing Activities		
Increase in no current Loan and borrowing	20.000	
Decrease in no current Loan and borrowing	(10.854)	(30.592)
Net variation in current and not current fiancial Assets and Liability included IFRS 16	2.357	(1.428)
of which related parties	472	(590)
Net variation non-monetary increase IFRS16	(3.982)	(502)
of which related parties	(1.177)	
Acquisition of treasury shares	(1.558)	
Cash Flow from Financing Activities (C)	5.964	(32.522)
Net Cash Flow of the Year (A)+(B)+(C)	(10.095)	(21.557)



