



Innovative by nature

Only
Welcome

to the Lenzing Group

**4ª Jornada
Industria Textil y Sostenibilidad**

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Lenzing

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Barcelona

5th November, 2021

Agenda

1. About us

- I. Our fibre story
- II. What we do
- III. Textiles fibers
- IV. To consumer

2. Challenges

- I. Global
- II. Targeted

3. What if...

- I. Naturally positive

4. With...

- I. Biorefinery model and Lenzing™ Lyocell
- II. REFIBRA™ Teechnology
- III. TENCEL™ Carbon Zero
- IV. Continuous innovation

5. Taking action

- I. Partnering for systemic change
- II. Initiatives and certifications

6. Standing up

- I. Lenzing solutions
- II. Further information

1. About us

Our fiber story



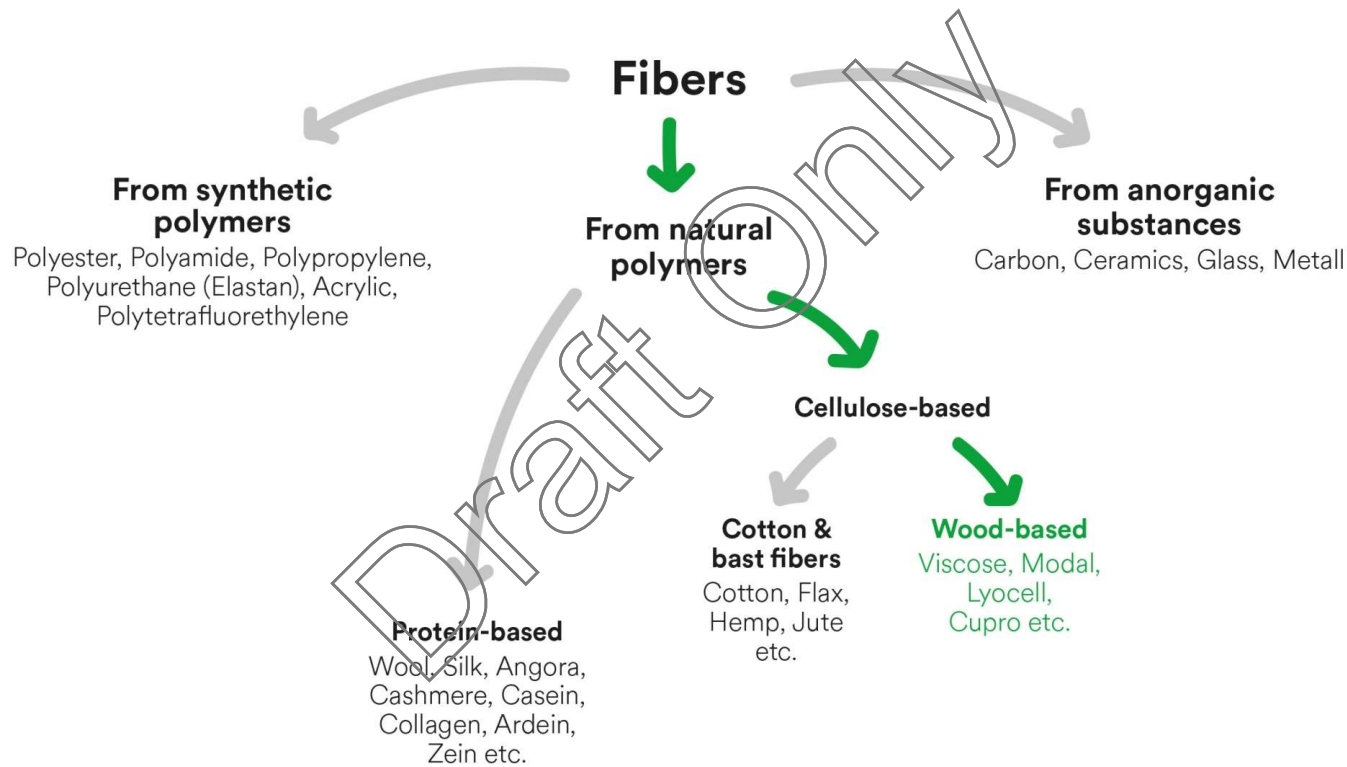


What we do

LENZING™ fibers produced from the raw material wood

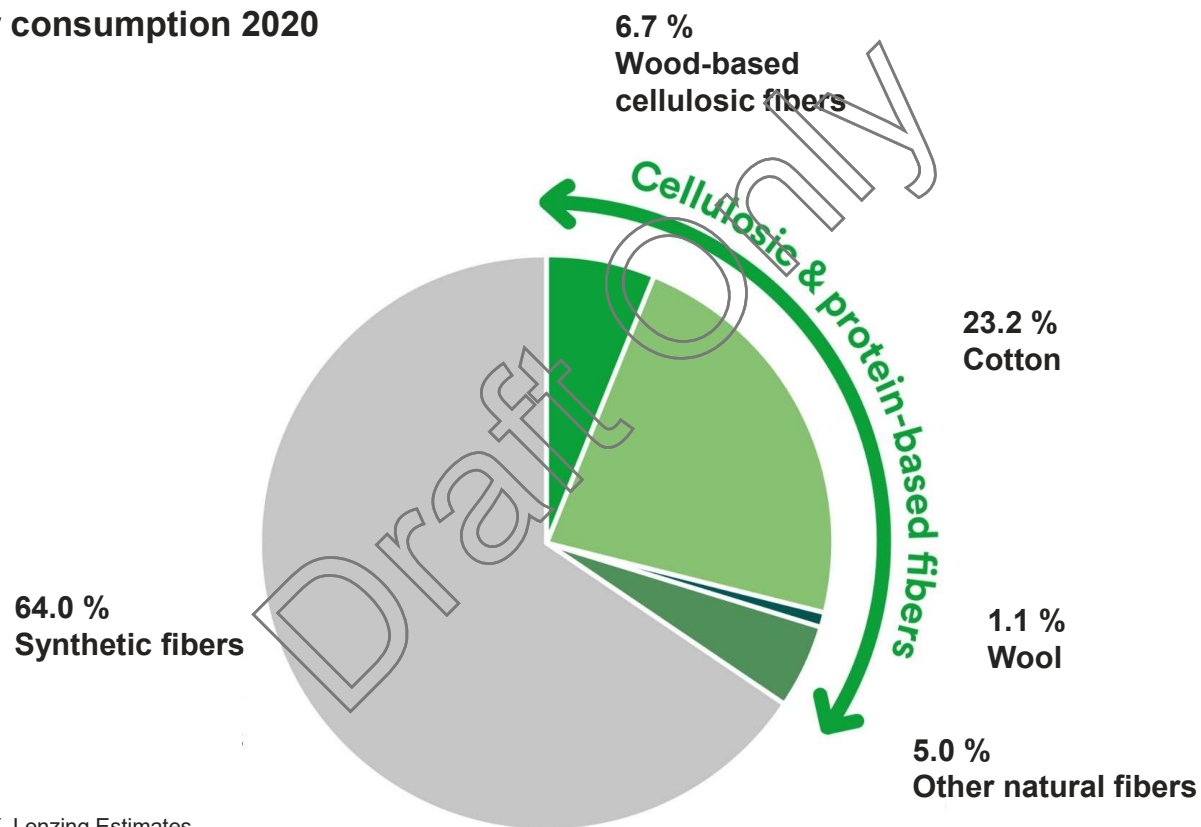


Fibers on the world market



Global fiber consumption in 2020¹

Worldwide fiber consumption 2020
98.2 mn tons



1) Sources: ICAC, CIRFS, TFY, Lenzing Estimates

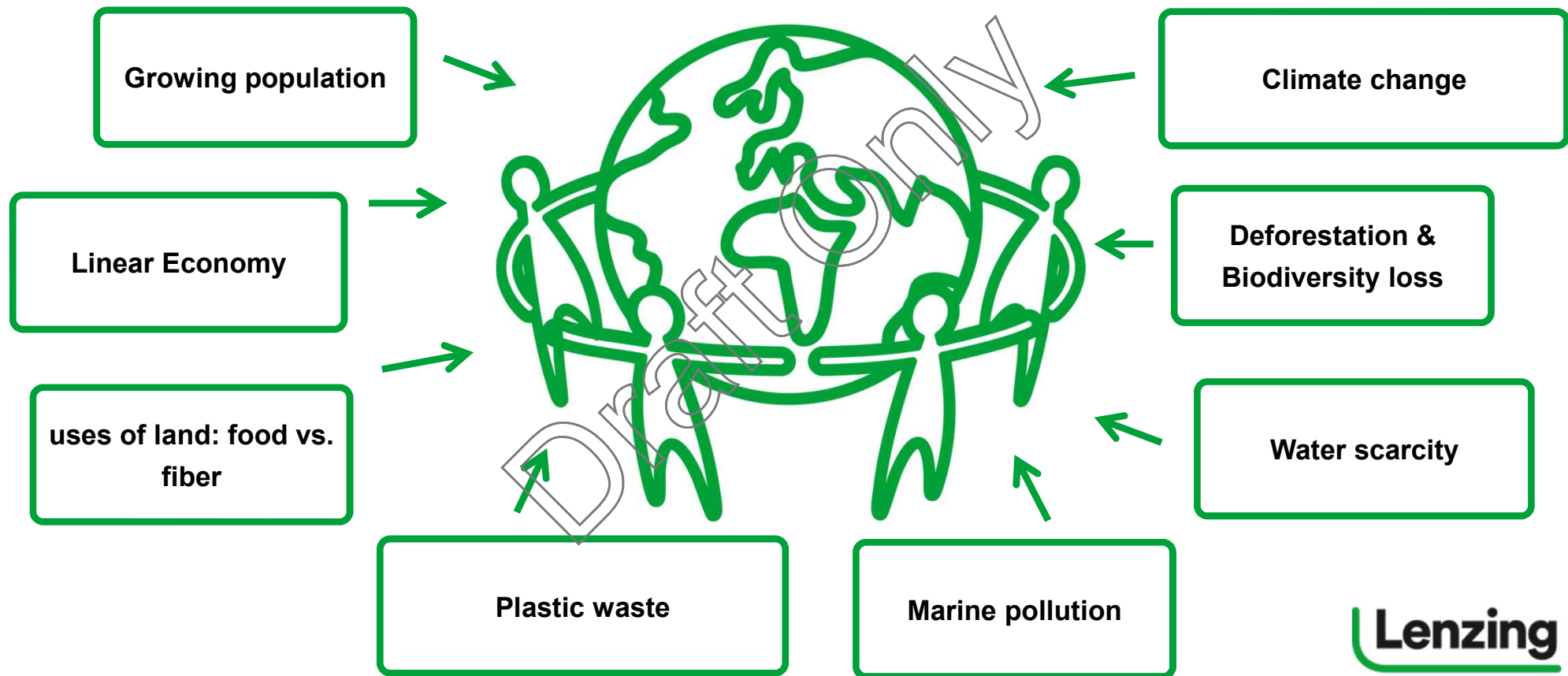
Our brand architecture



2. Challenges **we are facing**



Global sustainability challenges



Customer sustainability target areas



3. What if...

„Naturally positive“



Lenzing's Sustainability Strategy



**Naturally
positive**

Our passion is to **provide truly sustainable solutions** for a **growing world**. We **create a positive impact** for the people we work with, the consumers we serve, and the **society** and **environment** in which we operate. In doing so, **we are commercially successful**.

4. With...

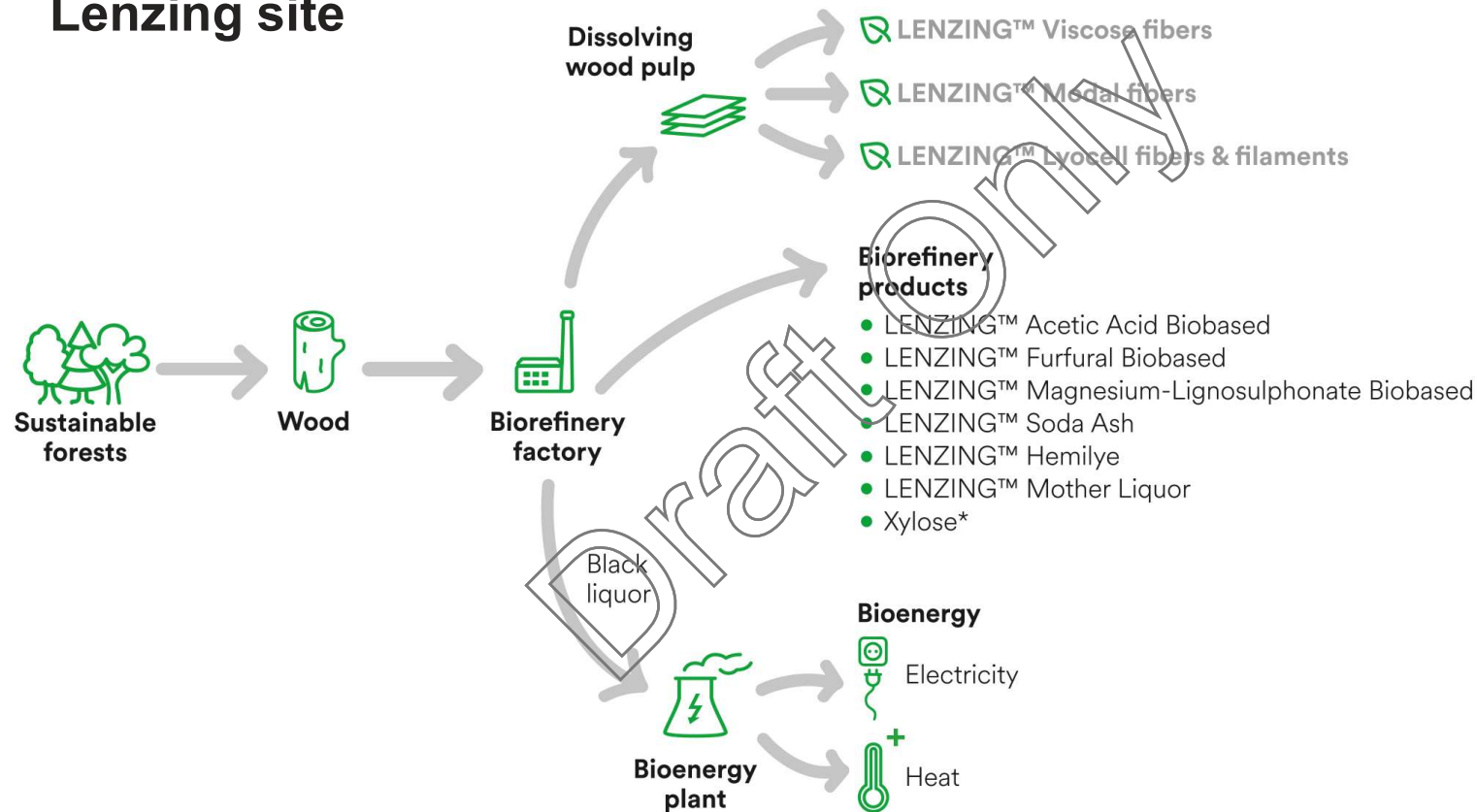
Closing the loop

- I. Biorefinery model and Lenzing™ Lyocell
- II. REFIBRA™
- III. TENCEL™ Carbon Zero
- IV. Continuous innovation



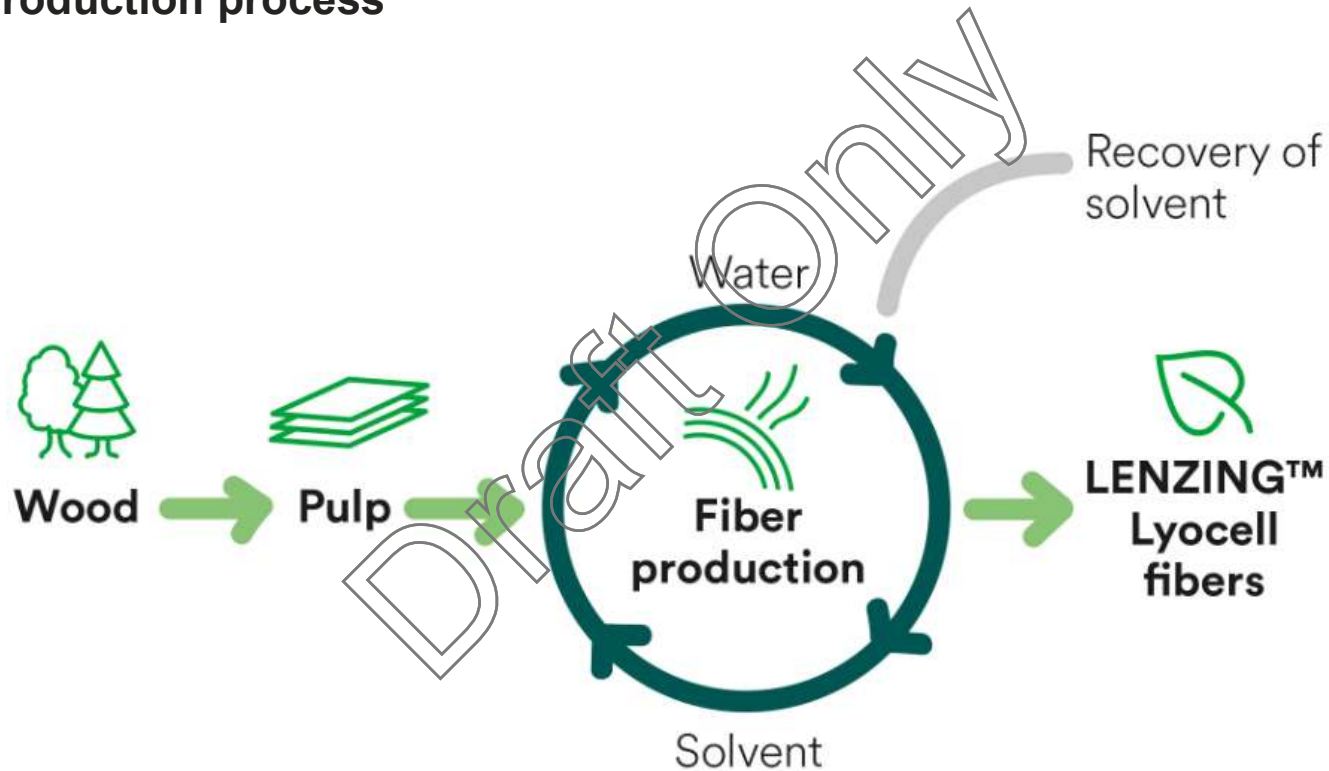
I. Biorefinery model

Lenzing site



I. TENCEL™ Lyocell

Lyocell production process



II. REFIBRA™ technology

 **Tencel™**
Feels so right



 **Tencel™**
Feels so right



 **REFIBRA™**
technology

X

A brand initiative for innovative special edition fibers



TENCEL™ Limited Edition hemp

LENZING Lyocell LE hemp 1.7 dtex/38mm

Lyocell Standard fiber with proportion of **hemp pulp**, utilizing bast fibers from the outer layers of stems and branches, grown in Europe hemp.

Benefits of industrial hemp:

- one of the fastest growing plants (4-5x faster than wood)
- requires less land
- helps to improve soil quality
- faster CO² uptake than wood



TENCEL™ Limited Edition orange

LENZING Lyocell LE orange 1.7 dtex/38mm

Cooperation with Italian start-up company **Orange Fiber**

Lyocell Standard fiber with proportion of **orange peel pulp** utilizing waste from orange juice production in Sicily



TENCEL™ Lyocell and Modal

Carbon Zero

true
carbon
zero



III. TENCEL™ Carbon Zero fibres



Supporting the decarbonization of the textile industry

reduce

Continuous reduction of carbon emissions through more efficient production methods, using renewable energy sources and embracing new technologies.

engage

We engage and steer our industry to source materials with low carbon footprints and reduce overall carbon emissions.

offset

We offset unavoidable carbon emissions by supporting verified global carbon reduction projects.



Committed to:



SCIENCE
BASED
TARGETS

DRIVING AMBITIOUS CORPORATE CLIMATE ACTION

Certified as:



CarbonNeutral.com

Lenzing

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TENCEL™ Modal

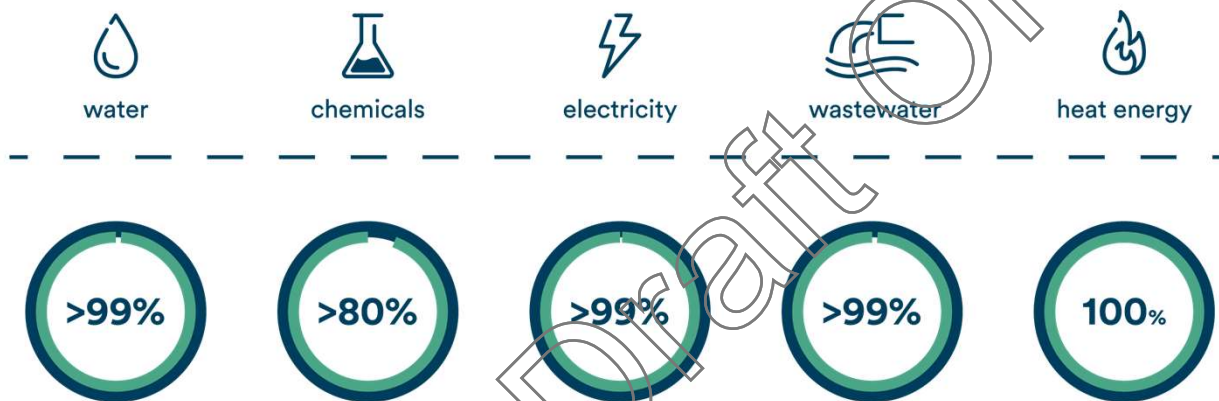
Indigo Color technology



Tencel™
Feels so right

Resource Savings

savings using TENCEL™ Modal with Indigo Color technology compared to conventional powder indigo dyeing and conventional pre-reduced liquid indigo dyeing



Indigo Color
Technology

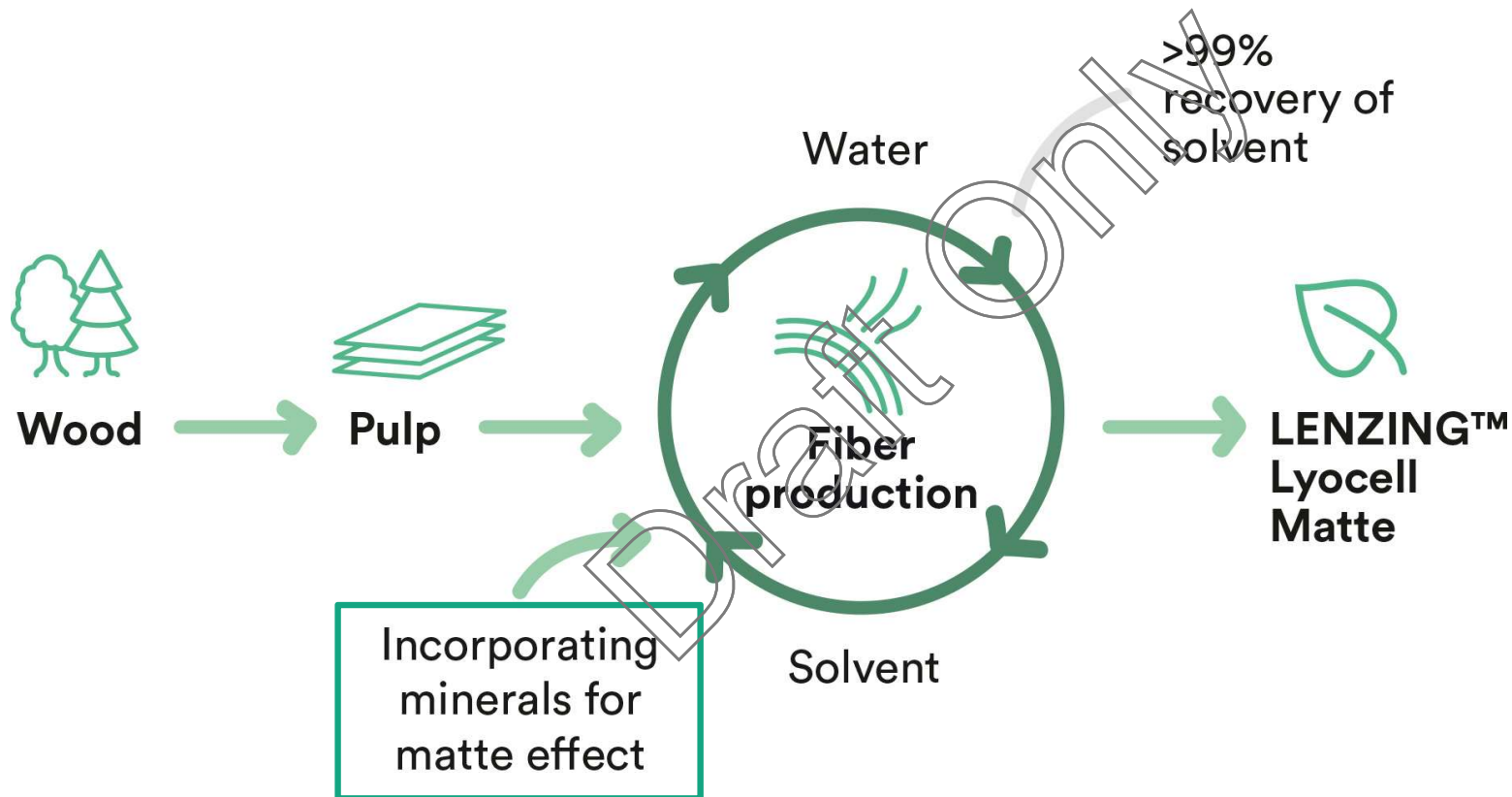


TENCEL™ Lyocell
Matte

Draft Only



Matte TENCEL™ Lyocell – versatility for denim

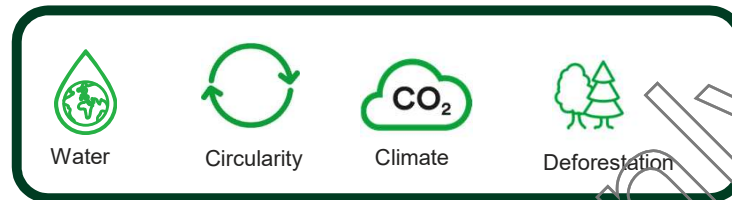


5. Taking action for systemic change

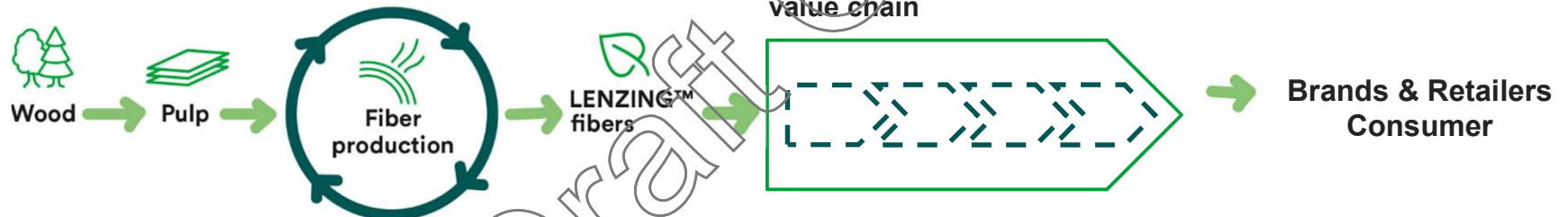


I. Networking & partnering for systemic change

Investors / Raters



Multi-stakeholder initiatives

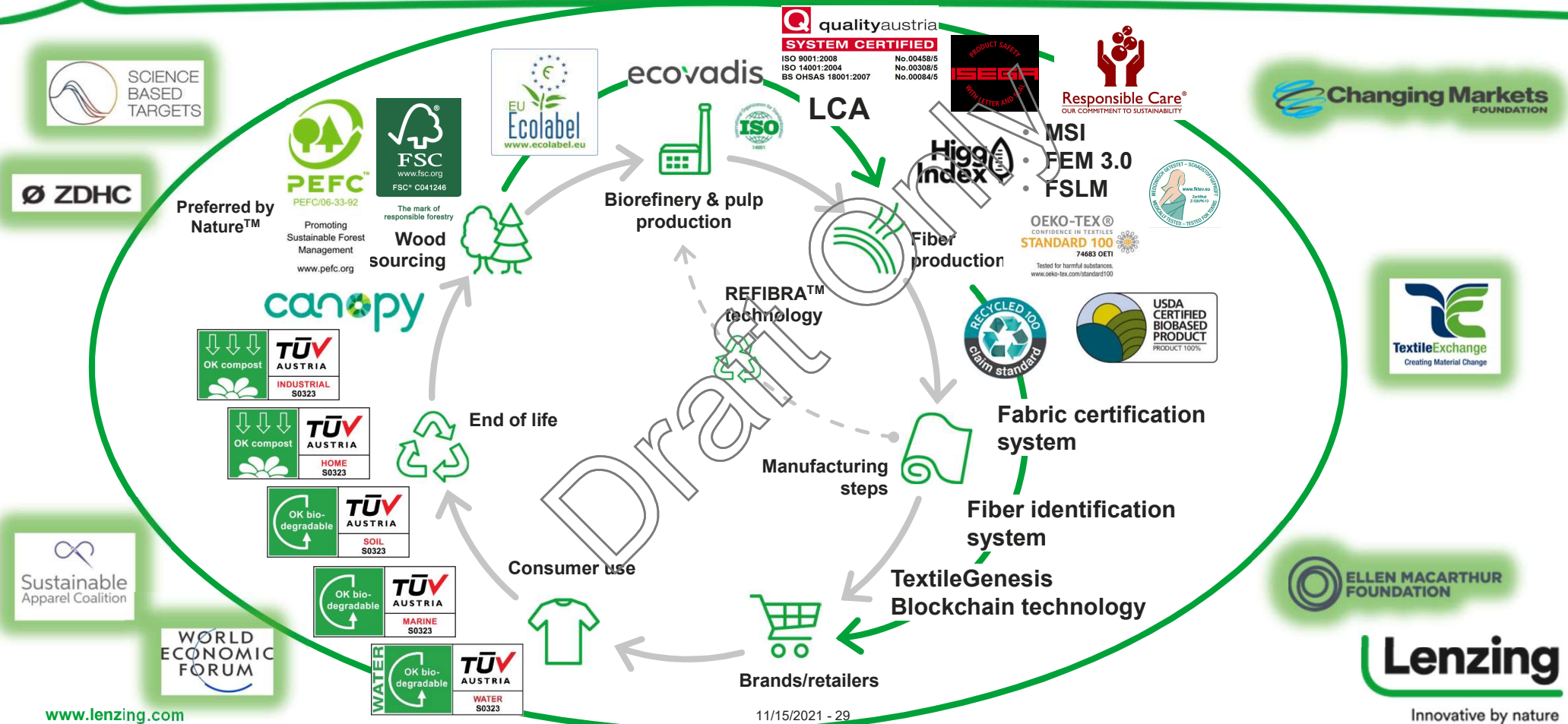


NGO's

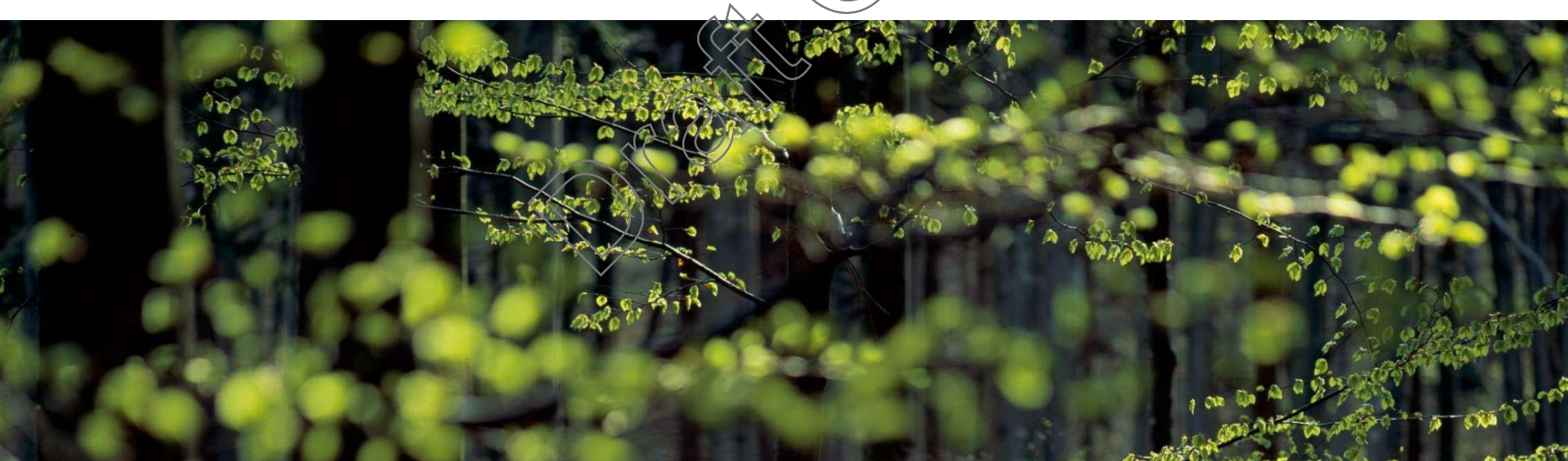


Governments

I. Partnering for systemic change: Initiatives & Certifications



VI. Standing up **Sustainability**



Lenzing's solutions

to sustainability challenges of textile industry



**Responsible
sourcing**



**Reduced product
footprints and CO₂
neutrality by 2050**



**Sustainable
Innovations and
Circularity**



**Transparency &
Partnerships**

Further information

www.lenzing.com

Corporate Sustainability

Where to source?

Where to buy?





Thank You

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Barcelona, Spain

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