



Leadership in sustainability

Nordic Innovation Leaders Seminar

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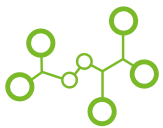
16 September 2020

UPM **BIOFORE** BEYOND FOSSILS

Sustainable solutions for a future beyond fossils



FIBRE PRODUCTS



MOLECULAR BIOPRODUCTS



WOOD PRODUCTS



LOW-EMISSION ENERGY





UPM BIOREFINING

Pulp
Plantations
Biofuels
Sawmills
Wood Sourcing
and Forestry

UPM ENERGY

Hydro-, nuclear-
and thermal power
(incl. shares in
energy companies)
Electricity generation
and trading
Optimisation services

UPM RAFLATAC

Label materials for
branding and
promotion,
informational labels,
and labels with
functionality

UPM SPECIALTY PAPERS

Labelling materials,
release liners,
flexible packaging
papers, office and
graphic papers

UPM COMMUNICA- TION PAPERS

Extensive product
range of graphic
papers for
advertising and
publishing
as well as home
and office uses

UPM PLYWOOD

WISA® Plywood
and veneer products
for construction and
industrial
applications

UPM BIOCHEMICALS

Wood-based biochemicals
for variety of industrial
uses

UPM BIOMEDICALS

Wood-based products for
biomedical applications

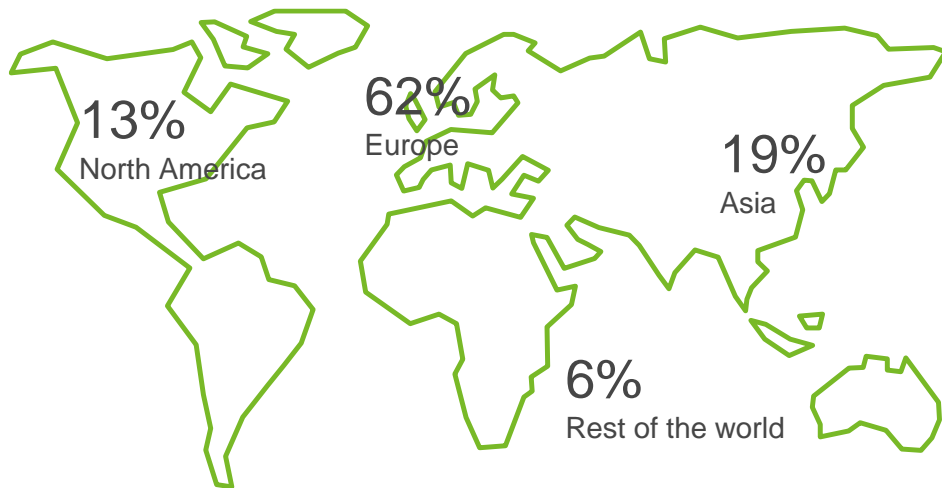
UPM BIOCOMPOSITES

UPM ProFi decking products
and UPM Formi granules

Global businesses – local presence

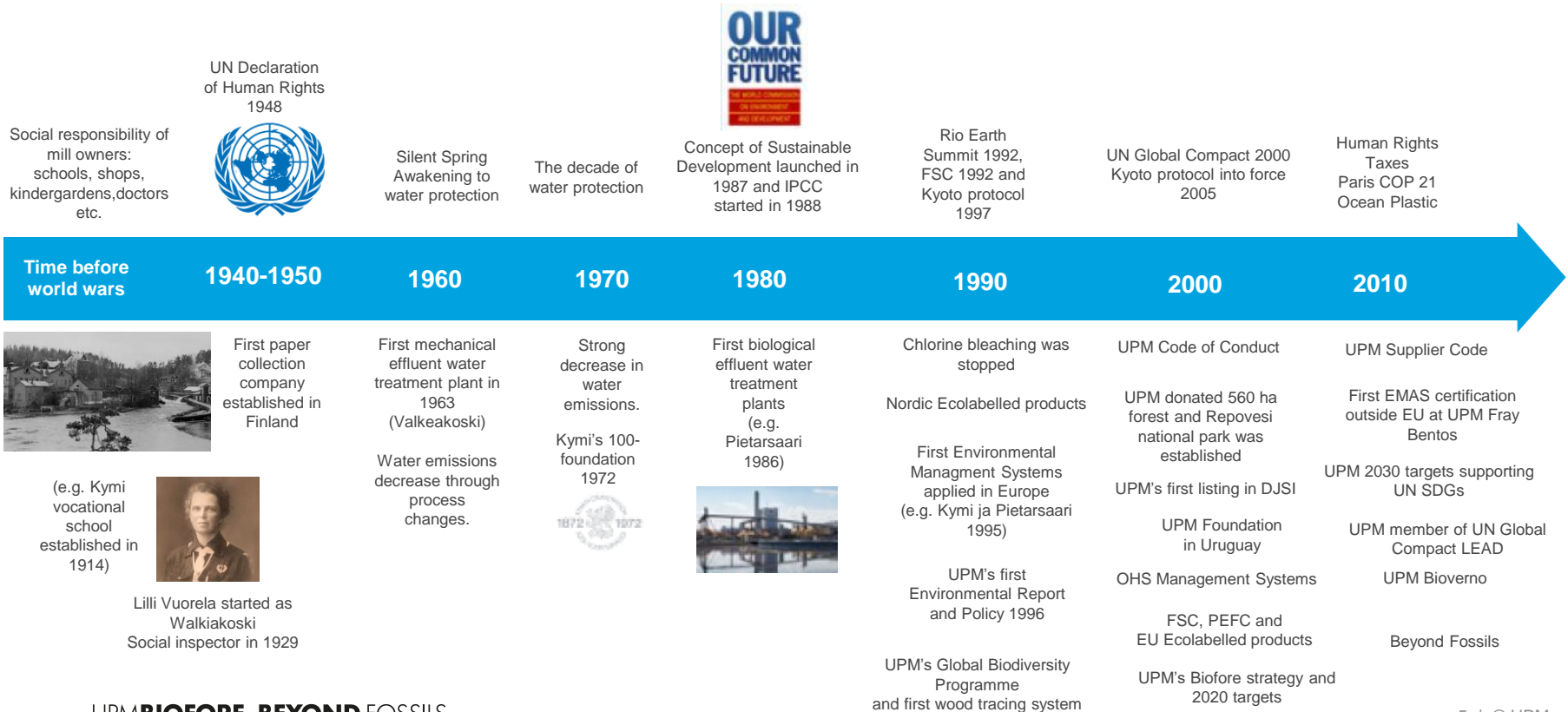
UPM's sales by market

EUR 10,238 million



54	production plants in	12	countries
18,700	employees in	46	countries
12,500	customers in	120	countries
100,700	shareholders in	32	countries
24,000	b-to-b-suppliers in	81	countries

Development of sustainability over the years



Future beyond fossils is a key driver for us

MEGATRENDS

- Population growth
- Urbanisation
- Higher living standards
- Digitalisation
- Climate change

2
billion
middle class
consumers
in Asia

UPM SOLUTIONS

- Sustainable forestry and land use
- Resource efficiency
- Circular economy
- Responsible business conduct
- Renewable materials
- Replacing fossil-based materials

Biofore strategy

We create value by seizing the limitless potential of bioeconomy



PERFORMANCE



GROWTH



RESPONSIBILITY



INNOVATION

Strong long-term fundamentals for demand growth and high barriers to entry

Our responsibility agenda is guided by the Biofore strategy and contributes to UN's SDGs



Goals where we can have the biggest positive impact through our operation, products and solutions, or where we aim to minimise our negative impact.



Our focus is on transparency and efficiency



We provide comprehensive, third party-assured environmental information on all aspects of our business from corporate level down to individual mills and products.

Our stakeholders have access to reliable information through our eco-labelled products, product declarations and certified operations.

Holistic approach to sustainable forestry everywhere we operate



100% traceability with 3rd party verification

Target of 100% of FSC and PEFC certification – already today over 80%

100% regeneration

- 50 million new trees planted every year, 100 per minute

No deforestation, ever. No use of rainforests.

Sustainable harvesting practices

Preservation of all forest ecosystem services



UPM's Responsible Sourcing Principles



**UPM Code
of Conduct**



**Transparent supplier
requirements**



**TOGETHER FOR
SUSTAINABILITY**



**Systematic risk
assessment**



**Continuous
supplier
development**

Circular economy thinking in the core of everything



- Innovating ways to reduce and recover waste and to use residues and sidestreams.
- Making use of recovered materials.
- Collaborating with industries, research institutes and universities.

30%

of fibre raw material
we use in paper
production come from
recycled sources

89%

of our process
waste is recycled
or recovered

0

solid waste
to landfill by
2030



Focus on people and respecting human rights



...of our employees



...of our suppliers
& contractors



...of the communities
where we operate



Driving long-term value creation – mitigating climate change



UPM **BIOFORE-BEYOND** FOSSILS



We act through **FORESTS**
Climate-positive forestry



We act through **EMISSIONS**
65% less CO₂ emissions



We act through **PRODUCTS**
Innovate novel products

BUSINESS
AMBITION FOR **1.5°C**   **OUR ONLY**
FUTURE



Solutions to meet climate and other sustainability commitments with large value creation potential and high barriers to entry



BIOFUELS

Decarbonising traffic and petrochemicals



BIOCHEMICALS

Unparalleled sustainability and high performance



BIOMEDICALS

Bio-based life-science products and clinical solutions



BIOCOMPOSITES

Replacing fossil-based materials

Industry leader in sustainability



Global Compact
LEAD
2019 PARTICIPANT



MSCI
ESG RATINGS

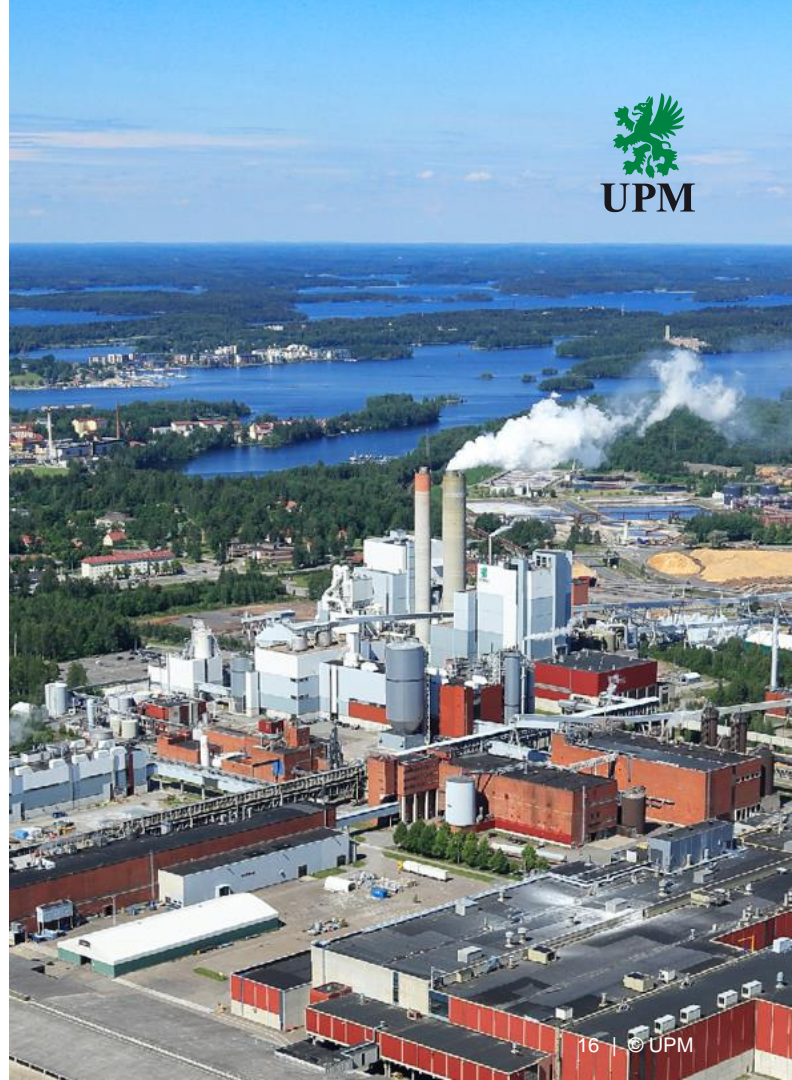


CCC B BB BBB A AA AAA

MEMBER OF

**Dow Jones
Sustainability Indices**

In Collaboration with RobecoSAM





UPM **BIOFORE** **BEYOND** FOSSILS



INSPIRED by the limitless opportunities of bioeconomy
DELIVERING renewable and responsible solutions
INNOVATING for a future beyond fossils

UPM **BIOFORE**
BEYOND FOSSILS

