



UPM Biofore – Beyond Fossils

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UPM **BIOFORE-BEYOND** FOSSILS

Video





UPM in a nutshell



€10.5 bn
Sales (2018)



19,000
Employees



46
Countries



50 million
trees planted per year



Global Compact
LEAD
PARTICIPANT

MEMBER OF
Dow Jones
Sustainability Indices
In Collaboration with RobecoSAM

SUSTAINABLE
DEVELOPMENT
GOALS

CDP
DISCLOSURE LEADER RATING
A LIST
2018
FORESTS

UPM
BIOREFINING



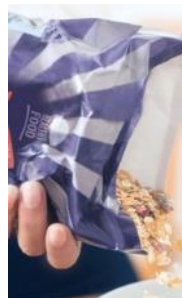
UPM
ENERGY



UPM
RAFLATAC



UPM
SPECIALTY
PAPERS



UPM
COMMUNICA-
TION PAPERS



UPM
PLYWOOD



UPM
BIOCOMPOSITES

UPM
BIOCHEMICALS

UPM
BIOMEDICALS

UPM in China



\$2 bn
investment in
20 years



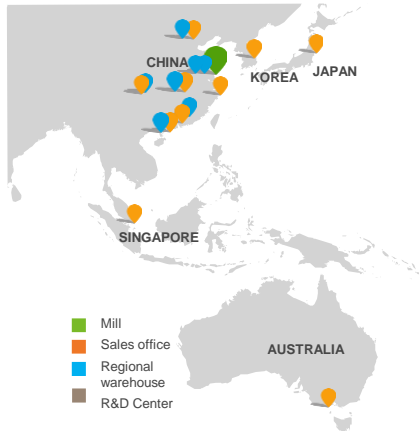
2,000
Employees
in China



\$42 M
Tax contribution
(2018)



20%
Of global sales
In APAC



Biodiversity is the foundation for continuation of life.

We have
850 000 ha
company forests

We also manage
1.1 Mha
private forests

We plant
50 million
trees annually

Our forests are
100%
FSC/PEFC certified

Biodiversity is basis for all bioeconomy.

20+ years global biodiversity program

Driver of ecosystem services, fosters the vitality of our planet



Helps our planet adapt to the climate change



Supports the long-term success of forest-based industries



Target: achieving a net positive impact (NPI) on biodiversity



Main focus: integrating biodiversity protection into our planning and harvesting



Daily practice: Extensive co-creation with partner network

Supporting biodiversity through sustainable forest management



Protected
39,900
valuable habitats in Finland

A carbon storage of
390M tonnes
In own forest in Finland

Enabled national park establishment
donating **560** ha of land
to the country

Forest landscape

Ecological valuation of biotopes

Indicators

All forest biotopes

General biodiversity actions

Biodiversity is maintained and added with standardized sustainable forestmanagement

- Tree species composition
- Deadwood
- Structural variation

Protection

Biodiversity is maintained and added with protection

- Defined valuable habitats
- Nature conservation areas

Stand-specific biodiversity actions

Biodiversity is maintained and added with stand-specific actions

- Continuous cover forestry
- Habitat restoration
- Species projects

Ecosystem service integration into product value chain



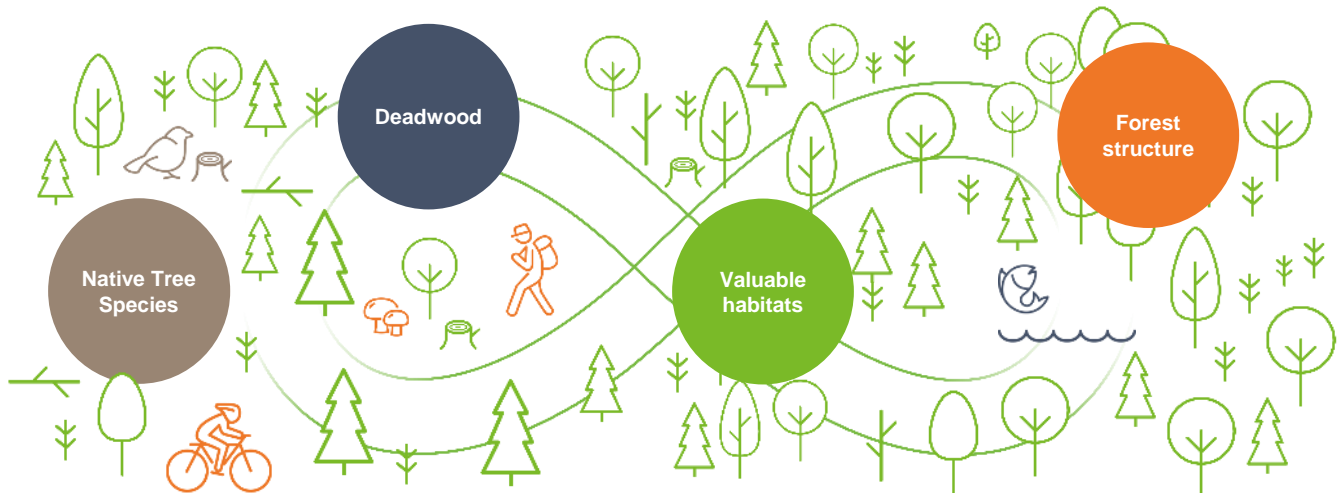
1,000kg
of UPM pulp

4,000kg
Binds carbon

8,000,000l
Cleans water

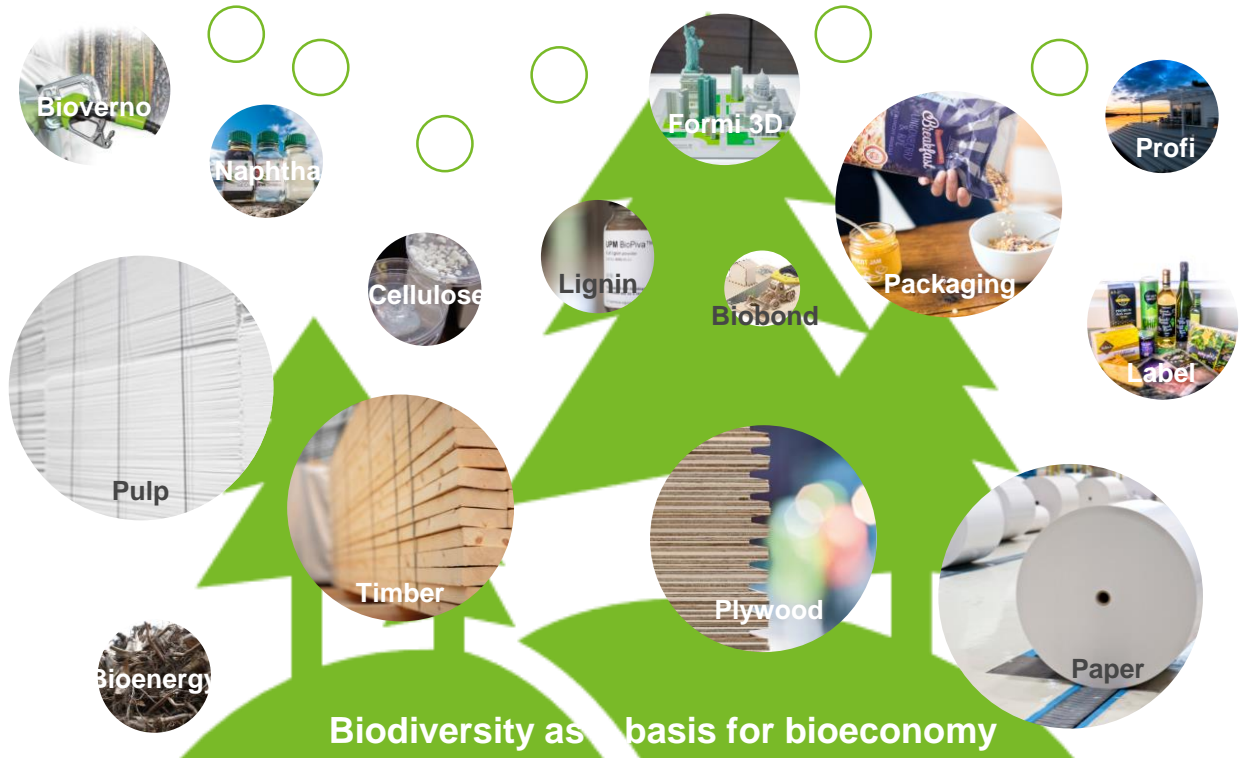
> 800
species

>200kg
Provides food



Committed to achieving net positive impact (NPI)

Biodiversity boosts innovative bioeconomy





We believe in the limitless opportunities of bioeconomy



Our business is based on actively ensuring the continuous growth of forests



For UPM, sustainable forestry means taking real, concrete actions



The UPM way safeguards the benefits of forests for generations to come



UPM continues to break new ground to make a positive impact on climate, land use and biodiversity

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