



Forests for fashion – fashion for forests

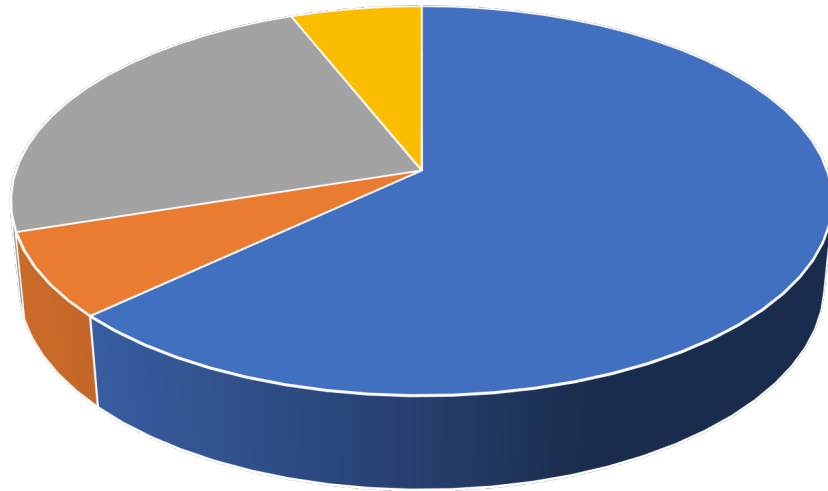
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Policy analysis and market trends

Global fibre market



■ Synthetic ■ MMCF ■ Cotton ■ Other

Sources: Quantis 2018, UNEP 2020, ECE/FAO 2014

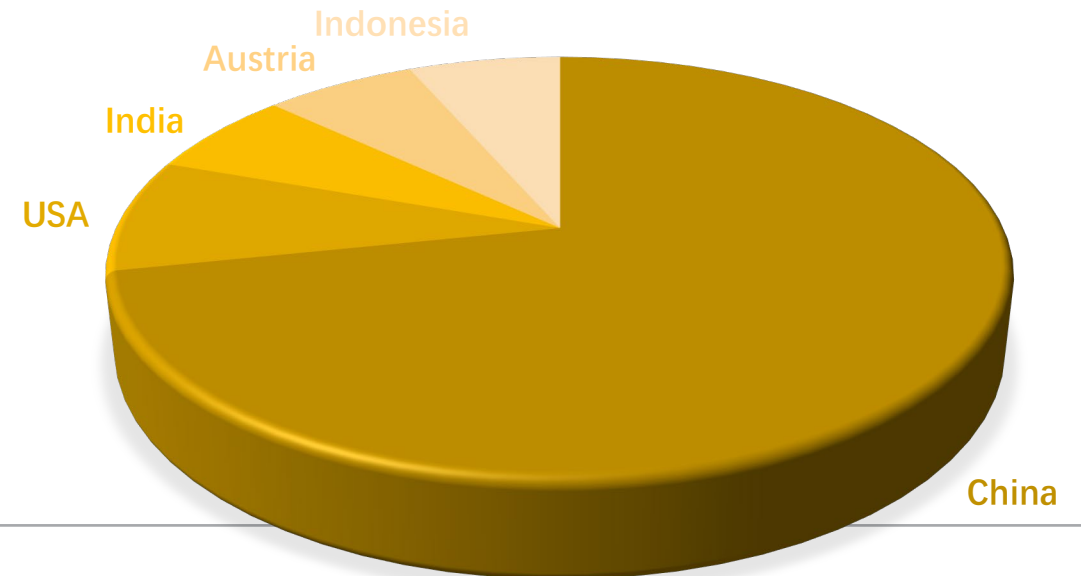
Environmental effects of fibre production

	Lyocell	Viscose	Cotton	Polyester
Water demand (1,000 l/kg)	0.1	0.25-0.5	7-20*	0.13
Land demand (m ² /kg)	17-66	17-66	66-200	...
Chemicals demand (g/kg)	345	...	350	...
Energy demand (MJ/kg)**	20-45	20-60	20-40	70-97
Greenhouse gas emissions (CO ₂ -eq/kg)	-0.25-0.3	0.9-1.6	2.2-4.4	4.1-4.5

Notes: * if irrigation is needed. ** non-renewable primary energy.

Source: Kalt and Zauner, 2001; Shen and Patel, 2010.

MMCF production

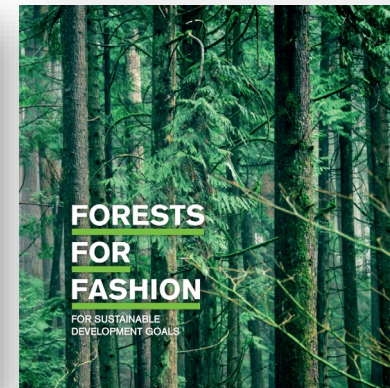




A shared Vision for the MMCF sector to make a Net Positive contribution to society and the environment

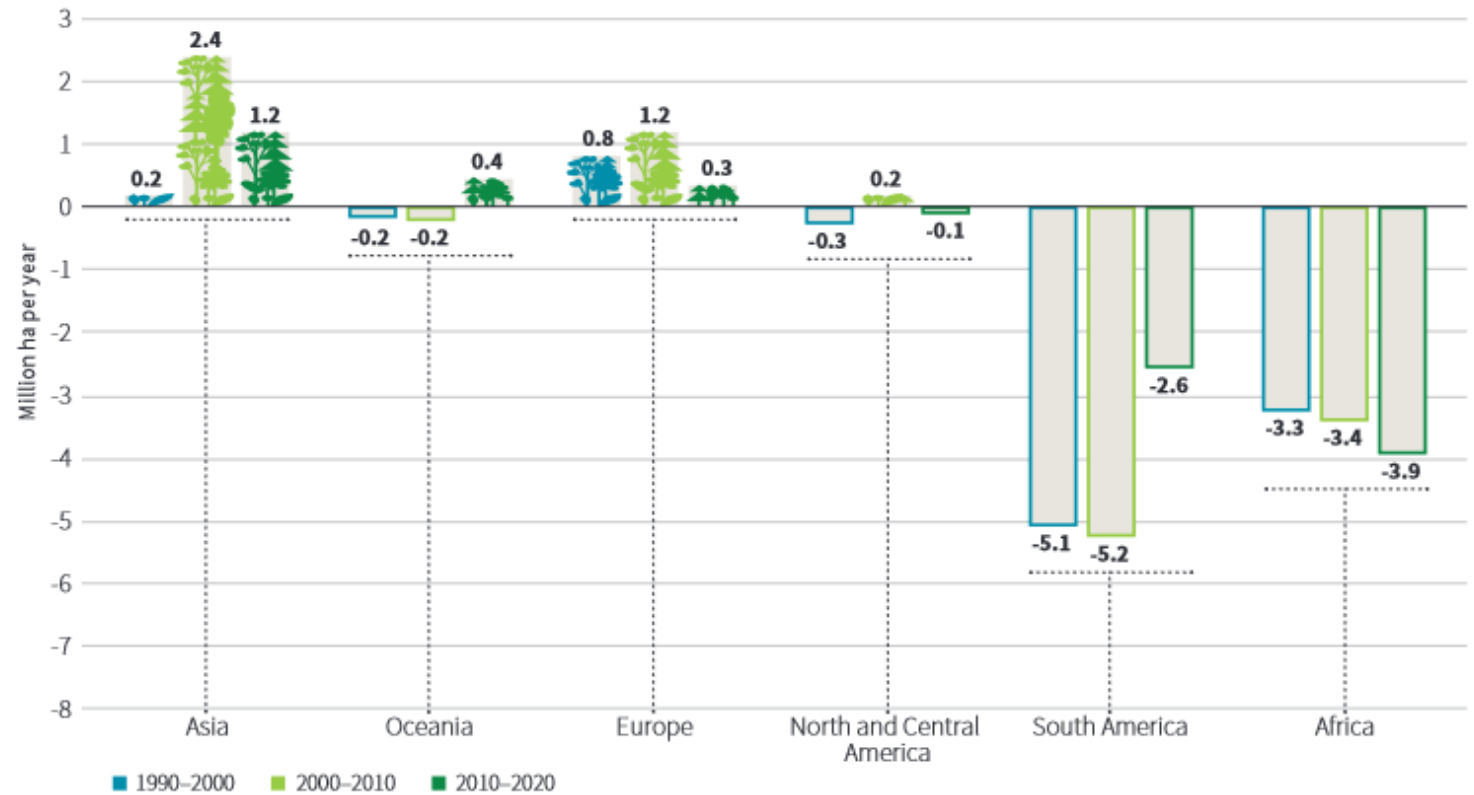


The Forests for Fashion Initiative



State of the World's Forests FAO 2020

Annual forest area net change, by decade and region, 1990–2020



Source: FAO 2020, <http://www.fao.org/state-of-forests/en/>

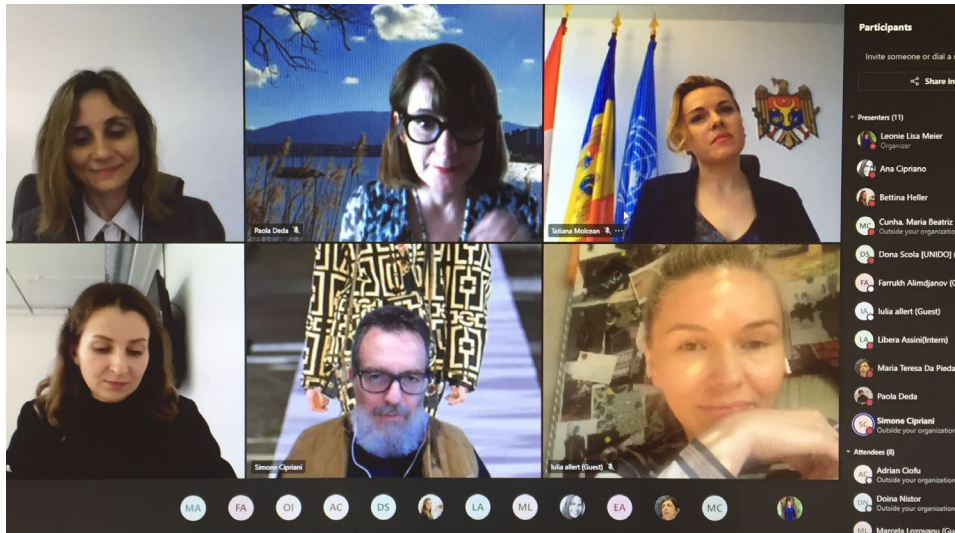
Engagement and collaboration



**UN ALLIANCE
FOR SUSTAINABLE
FASHION**



**21 March
International Day of Forests**





Food and Agriculture Organization
of the United Nations

THANK YOU



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