



Forests, an endangered resource

Wood and paper, sustainable by nature?
Symposium Brussels 11th March

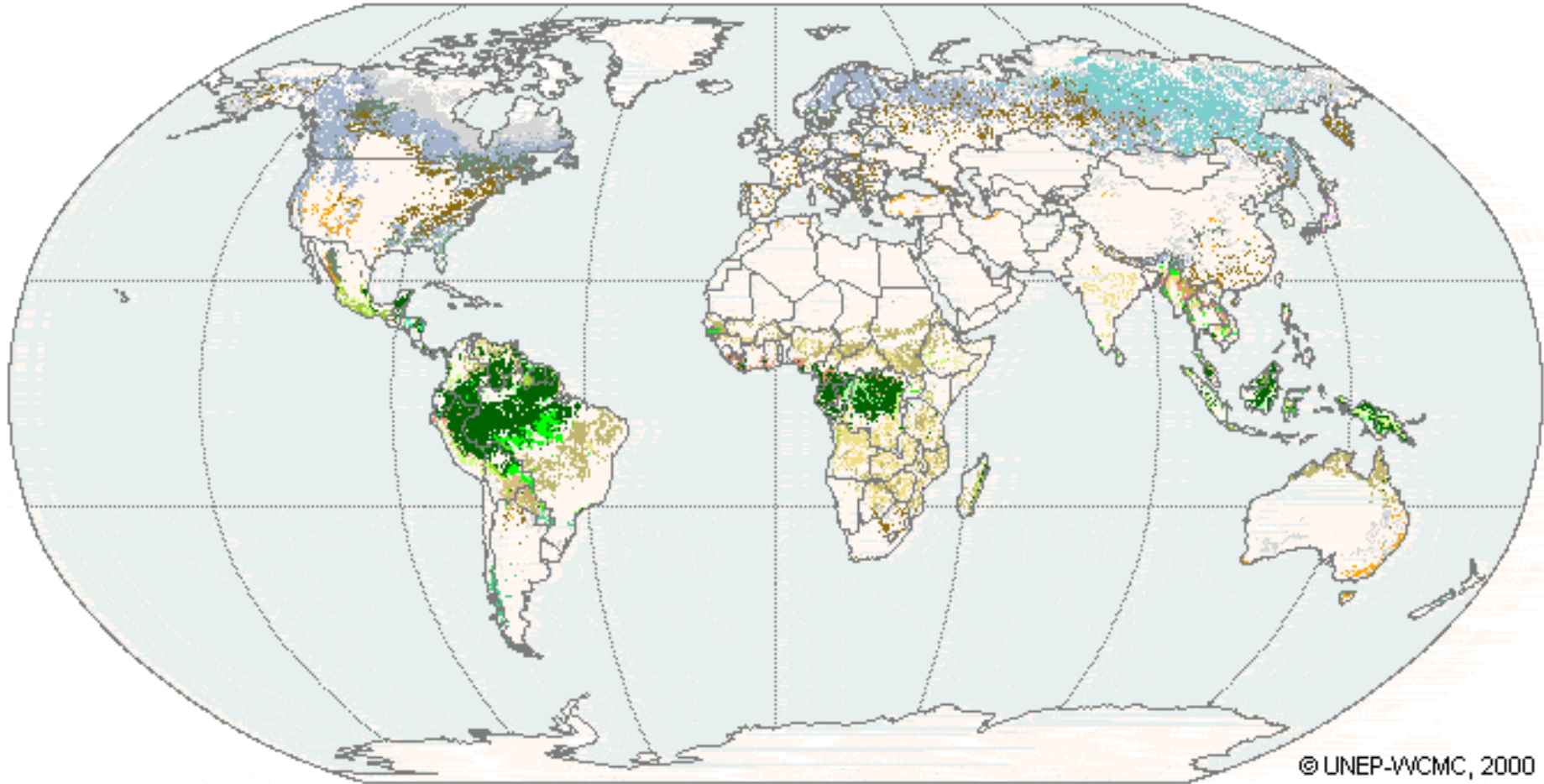
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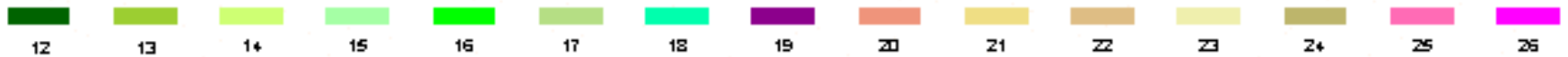
Forest cover I

Temperate and Boreal Forest Types:



© UNEP-WCMC, 2000

Topical Forest Types:





Forest Cover II

About 4 billion hectares (3 952 million hectares or about 40 million km²) or 30.3 percent of total land area.(FAO)

More than half of the world's forest area is found in the Russian Federation, Brazil, Canada, USA and China, combined.(FAO)

Europe, (48 countries and areas), accounts for about 17 % of global land area but has 1/4 of the world's forest resources, approximately 1 billion hectares.(FAO)





Global deforestation



Source: <http://eur-lex.europa.eu/LexUriServ/LexUriServ.do?uri=COM:2008:0645:FIN:EN:PDF>

Each year about 13 million hectares of the world's forests are lost due to deforestation.

From 2000 to 2005, the net forest loss was 7.3 million hectares per year - an area the size of Panama

Forests are lost or modified at a rate of 6 million hectares per year through deforestation or selective logging.



Drivers for deforestation

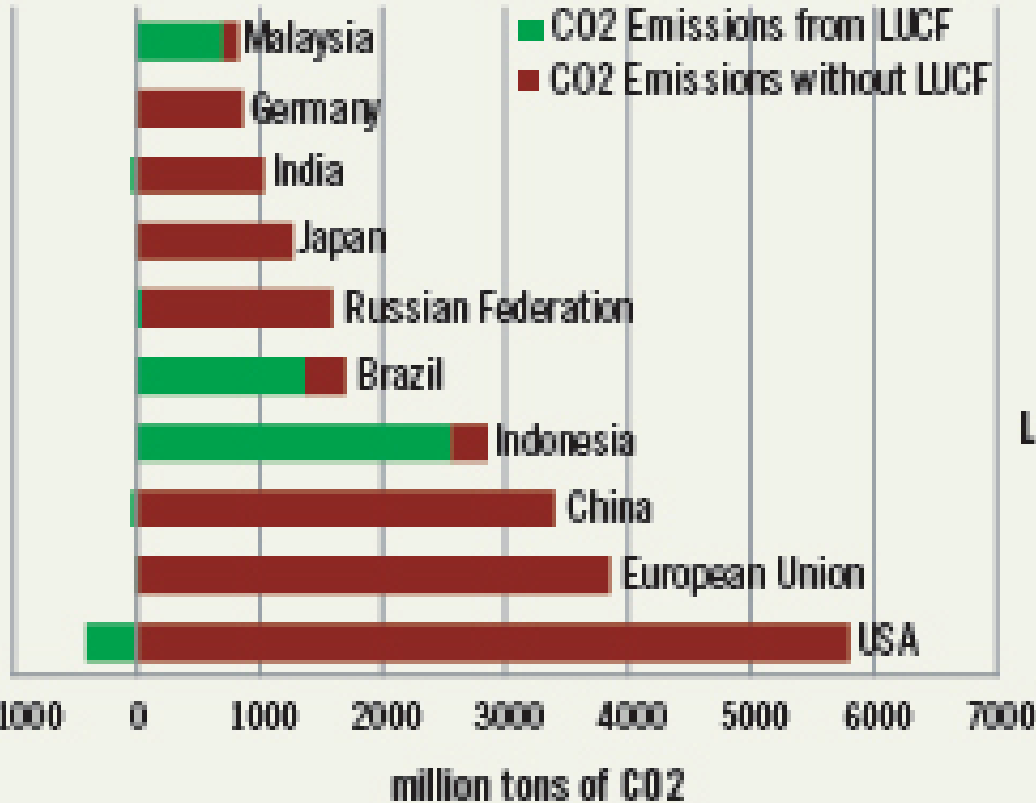
- Forest conversion for other land uses
(including including pulp, palm, and soy plantations, roads and other infrastructure)
- Forest degradation
(from illegal and unsustainable logging, fuelwood harvesting and climate change)
- Lack of (forest) governance



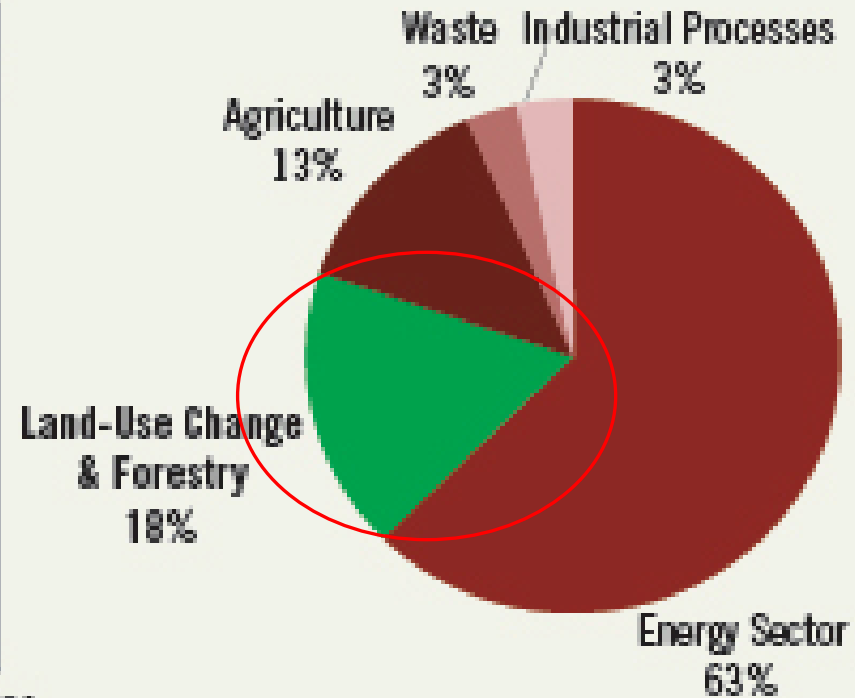


Top CO2 emitters (WRI 2008)

CO2 Emissions of Top 10 Emitting Countries



Greenhouse Gas Emissions by Sector





Consequences of deforestation

- Reduced biodiversity
- Release of GHG Emissions
- Disrupted water cycles
- Increased soil erosion
- Disrupted livelihoods



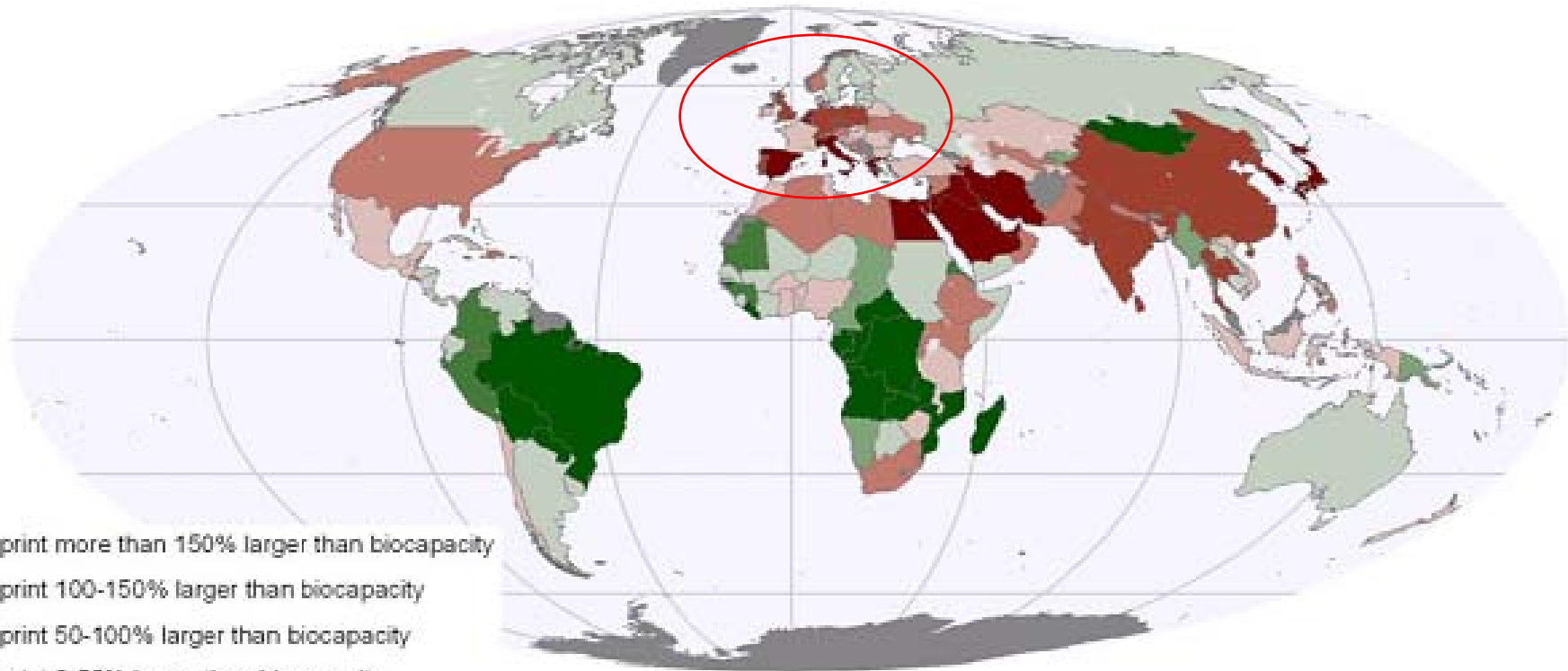


What does this have to do with the EU?





Global footprint



- Footprint more than 150% larger than biocapacity
- Footprint 100-150% larger than biocapacity
- Footprint 50-100% larger than biocapacity
- Footprint 0-50% larger than biocapacity
- Biocapacity 0-50% larger than Footprint
- Biocapacity 50-100% larger than Footprint
- Biocapacity 100-150% larger than Footprint
- Biocapacity more than 150% larger than Footprint
- Insufficient data

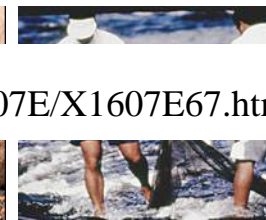
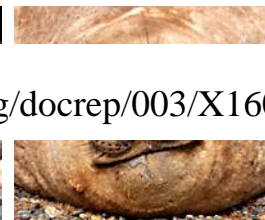


Consumption of total paper and paperboard

(thousand MT)

Region	1980	1994	2000	2005	2010
Africa	2452	3643	4173	4656	5217
America	74521	105552	120446	131974	144863
Asia	35114	84595	100921	118043	135407
Europe	35054	72490	82717	93337	105517

Today, 10% of the world's population, including Western Europe and North America, are responsible for over half of the world's paper consumption, more than six times the world average. Paper consumption in Europe alone has increased six-fold since 1950.



Source:

www.fao.org/docrep/003/X1607E/X1607E67.htm#TopOfPage



Europe's demand for paper

Although paper products yield many benefits, European society's growing demand for paper leaves a large ecological footprint on the planet.

Europe currently consumes 205 kg of paper per capita, four times the world average. Europe consumes 80 million tons of paper each year, 25% of world consumption.



Source:

www.shrinkpaper.org



What can be done?

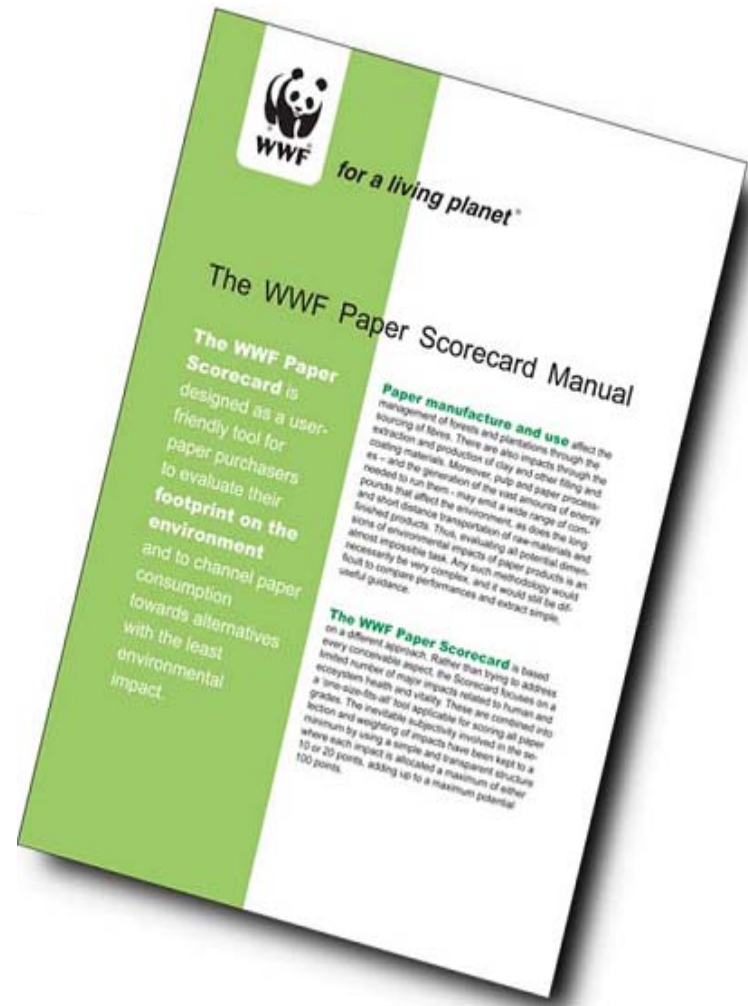
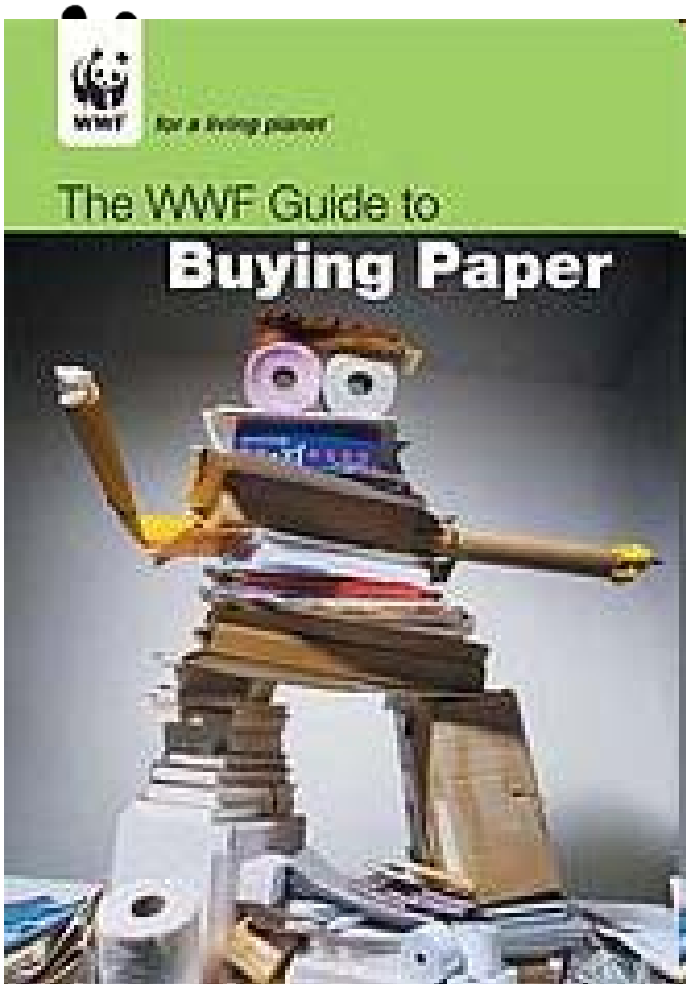




Solutions

- Buy Green - Find out what you and your company can do to help save paper and stop forest destruction and degradation through buying eco friendly paper
- Signal to your suppliers that you care and ask for transparency
- Be a transparent paper manufacturer- Communicate the environmental footprint of your papers
- By sustainably produced timber/pulp







Thank you!

