



New Generation Plantations project

Forest plantations towards a sustainable future

World Forest Week

FAO, Rome

Luis Neves Silva





Living Forests Report

www.panda.org/livingforests

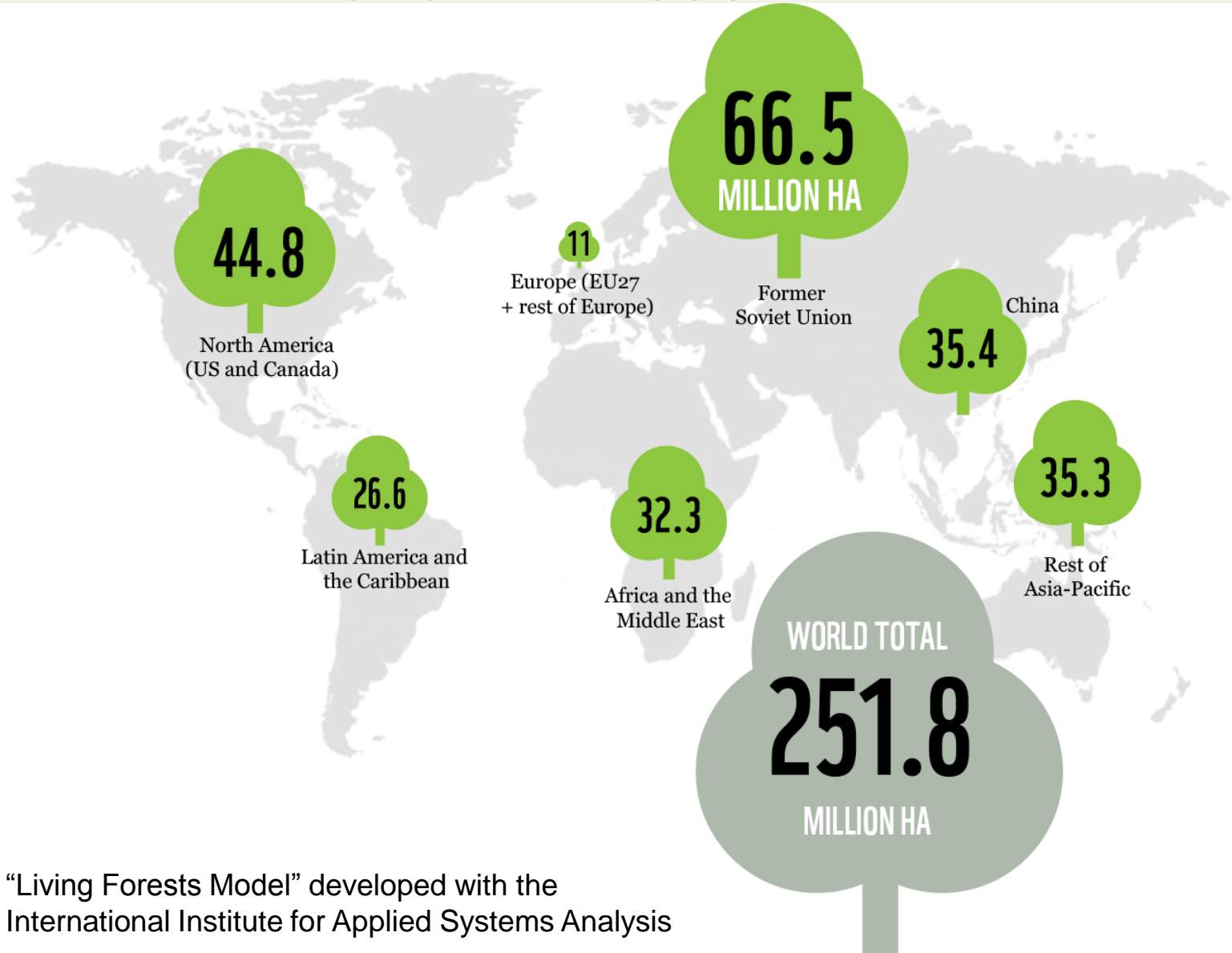
In the longer term, as population and incomes grow, maintaining near zero forest loss will require:

- forestry and farming practices that produce more with less land, water and pollution
 - new consumption patterns that meet the needs of the poor while eliminating waste and over-consumption by the affluent.
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Projected expansion in forestry plantations between 2010 and 2050



“Living Forests Model” developed with the
International Institute for Applied Systems Analysis

Why WWF works with plantations?

- In many places, plantations are still threatening peoples rights or livelihoods or replacing valuable ecosystems.
- Wood is renewable and, when sourced from well-managed plantations, tends to have a lower footprint than steel, concrete, plastic or fossil fuels.
- Plantations use less land to produce a given volume of fibre than logging natural forests
- If New Generation Plantation Principles are applied, plantations can have positive environmental and social impacts.

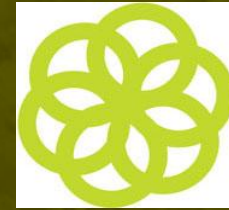


New Generation Plantations project

- The NGP project is a platform of WWF & Leaders of the plantations sector, working together to identify and develop solutions towards sustainability
 - Eight of the world largest forest plantations companies
 - Three strategic influencing governments
- State Forest Administration of China
 - Forestry Commission of Great Britain
 - Governo Estadual do Acre, Brazil
 - CMPC
 - Fibria
 - Masisa
 - Mondi
 - Portucel
 - Stora Enso
 - Suzano
 - UPM

New Generation Plantations concept

The NGP concept is a framework that promotes the implementation of sustainable forest management tools, such as FSC, HCV, REDD, FPIC and others.



Ecosystem integrity



High conservation values



Stakeholders engagement



Economic growth

New Generation Plantations concept

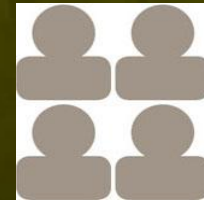
The NGP is a concept describing an ideal form of plantation that maintains ecosystem integrity, protects the high conservation values and is developed through effective stakeholder participation, while contributing to economic growth and employment.



Ecosystem integrity



High conservation values



Stakeholders engagement



Economic growth

Tools to deliver the New Generation Plantations concept



Ecosystem Integrity

- National and international legislation
- Forest management certification
- Forest carbon certification
- Environmental impact assessment
- Best management practices



Stakeholder Involvement

- National and international legislation
- Forest management certification
- Social impact assessment
- Best management practices



High Conservation Values

- National and international legislation
- Forest management certification
- Environmental impact assessment
- HCV Resource Network toolkits
- Best management practices



Economic Development

- International labour standards
- Labour and trade certification
- Economic impact assessment
- Forest management certification

The New Generation Plantations case studies

The New Generations Plantations project showcases positive examples in plantation design and management.

The project acknowledges progress on plantation management described in the case studies, it also recognises that not all aspects of the New Generation Plantations concept are applied in these examples.

Forestry Commission Wales
Supply of biomass to Western
Bio Energy



China Green Carbon Foundation
Using voluntary carbon offset
funding to develop forests
for bioenergy



Veracel Celulose
Forest restoration, carbon storage
and income generation: Monte
Pascoal – Pau Brasil Ecological
Corridor



UPM Tilhill

Developing sustainable stump
harvesting guidelines for the UK



REGIONAL PROJECTS

- Land-use decision making
- Biodiversity & ecosystem services
- Poverty alleviation & rural livelihoods
- Climate change mitigation
- Energy security
- Increase productivity & efficiency

AGENDA

- Uruguay, Study Tour, November 2012
- Beijing, China, Annual Summit, February 2013
- South Africa, Study Tour, May 2013

A plantation is only an asset to society and industry if associated with environmentally sound, socially responsible and economically viable management and land-use decision-making.

As population, demand and land competition grows, New Generation Plantations could produce more with less, reducing the pressure on natural ecosystems while contributing to economic development.

Plantations increasingly need to demonstrate to society and investors their benefits.

The NGP project is not reinventing the wheel/it shows how existing tools and standards can help achieve management practices aligned with the NGP concept



NEW
GENERATION
PLANTATIONS *project*

More information

www.newgenerationplantations.com

www.panda.org/sustainableplantations

Thank you

