GLOBAL LANDSCAPES FORUM
SUSTAINABLE WOOD4ENERGY

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#NGP2018
NGP PARTICIPANTS MANAGE 11 MILLION HECTARES, OF WHICH 45% IS DEDICATED TO PLANTATIONS.

THE REST IS MADE UP OF CONSERVED AND RESTORED FORESTS AND OTHER NATURAL ECOSYSTEMS, ALONG WITH GRAZING LAND, SMALL-SCALE FARMING AND INFRASTRUCTURE.

China Green Carbon Foundation; Forestry Commission of Great Britain; Governo Estadual do Acre, Brazil; APSD; Arauco; CMPC; Fibria; Kimberly-Clark; Mondi; The Navigator Company; New Forest Company; Stora Enso; Suzano; UPM; Veracel

Value: US$100 billion

Land: 11 million ha

~100% FSC
New Forests Company in Uganda

- Africa is facing a timber deficit, and its remaining forests are becoming increasingly degraded.

- Plantations can:
  - take pressure off natural forests by providing an alternative timber source
  - contribute to substitute fuelwood by electrification
Executive Summary

- 60MWe fully integrated biomass plant in Brong Ahafo based on plantation wood
- Currently employs 600 people in the plantation – expands to 1,500-2,000 direct long-term employees once project is fully financed
- In discussions with Ministry of Agriculture on implementing an out-grower scheme creating a further 4,000 jobs
- 70 million USD invested to date – total project size in excess of 400 million USD
- 8,500ha already planted – equivalent to 15 million trees. 23,000ha to be planted in total
- 20-year PPA signed with ECG in December 2015
- Vast economic, environmental social and sector benefits as listed below

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APSD in Ghana

Eucalyptus biomass Plantations for Energy Production through a power generation facility
Pirard et al. (2015) found evidence of reduced DEGRADATION of natural forests with the expansion of plantations.
Plantations ♥ forests

newgenerationplantations.org