

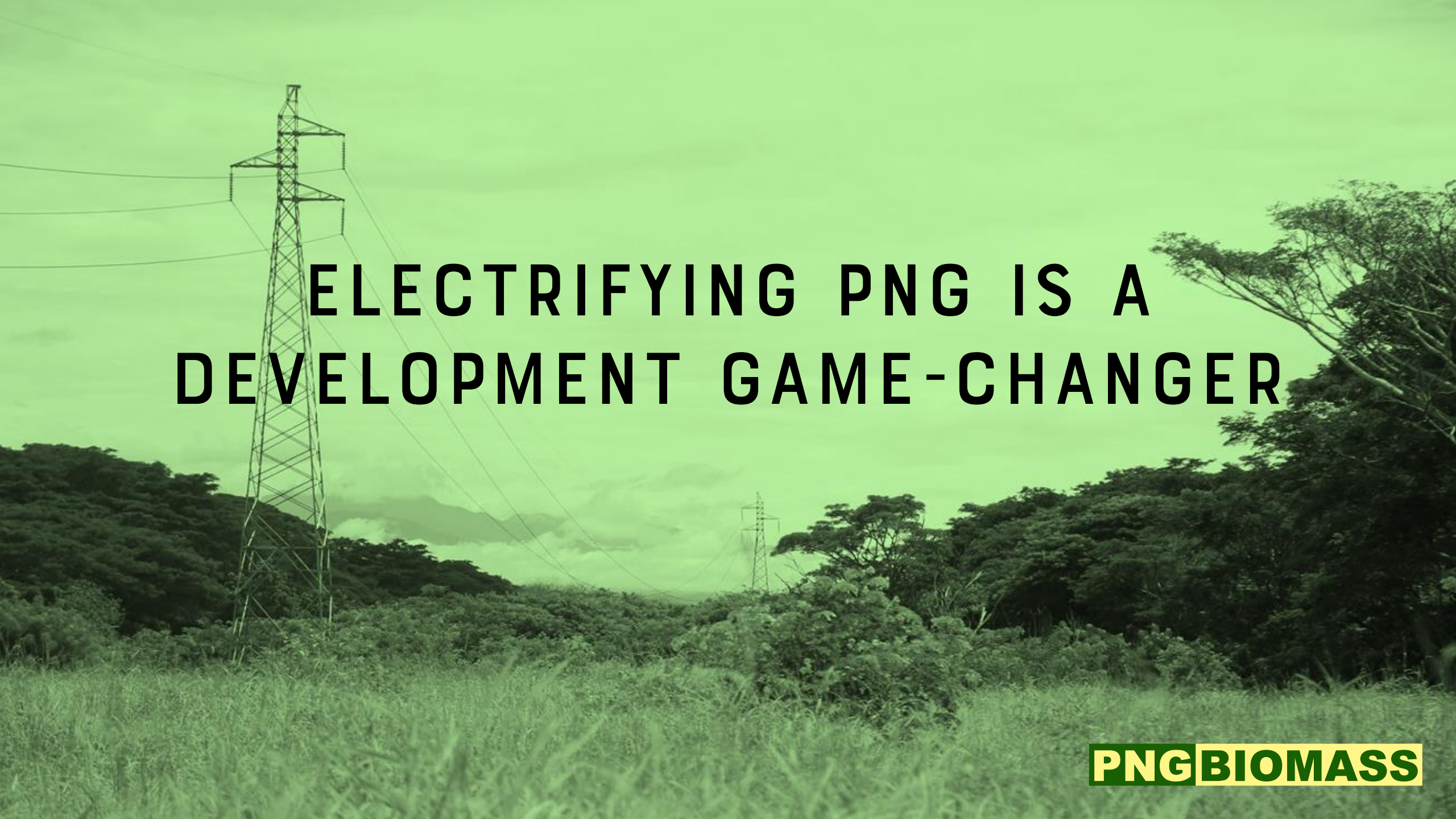
The background of the slide is a green-tinted photograph of a landscape. The sky is filled with soft, white clouds. In the foreground, the dark silhouettes of various trees and foliage are visible against the lighter sky.

WHY BIOMASS IN PAPUA NEW GUINEA?

MICHAEL HENSON

PROJECT DIRECTOR, PNG BIOMASS

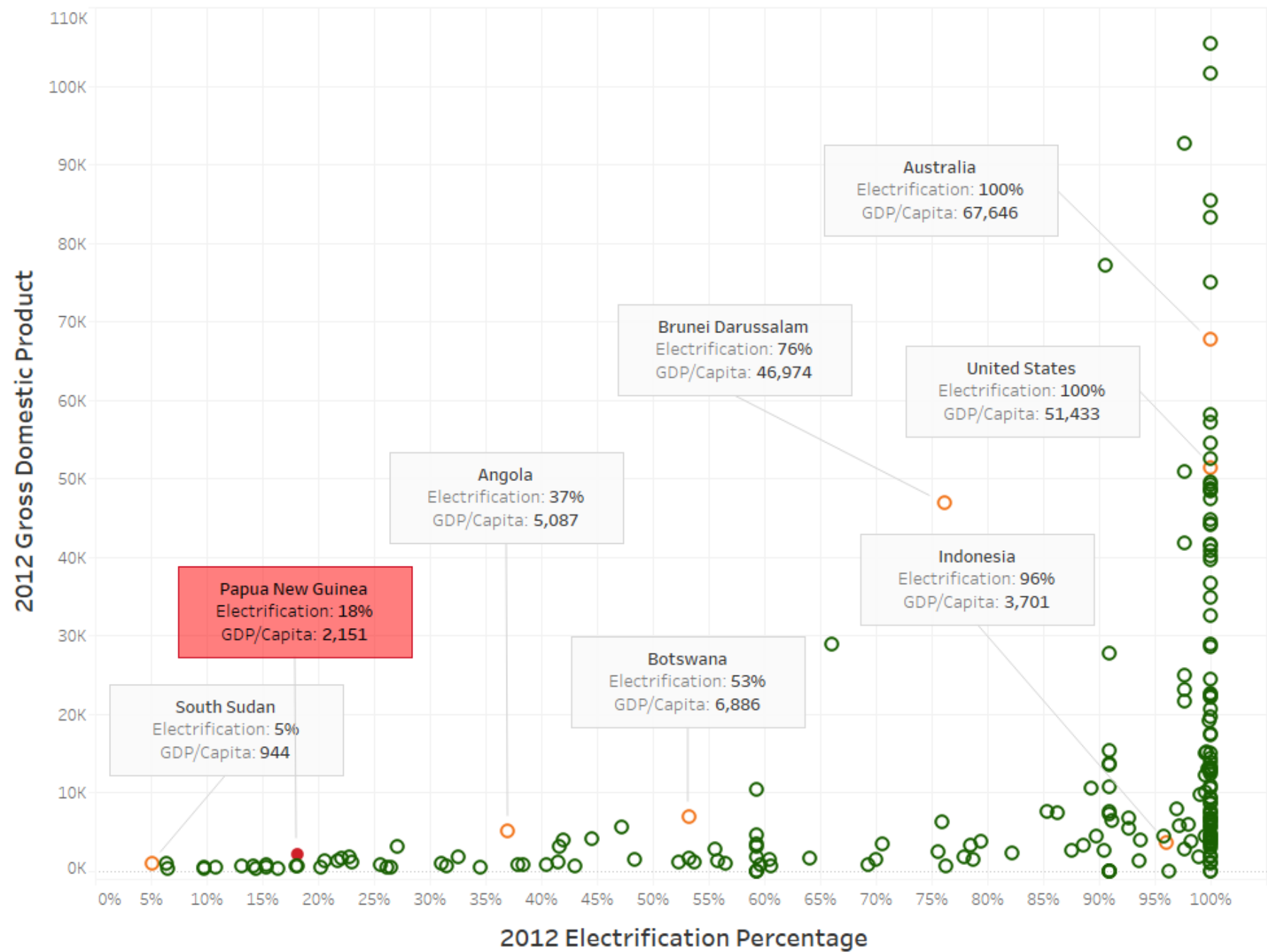
PNGBIOMASS



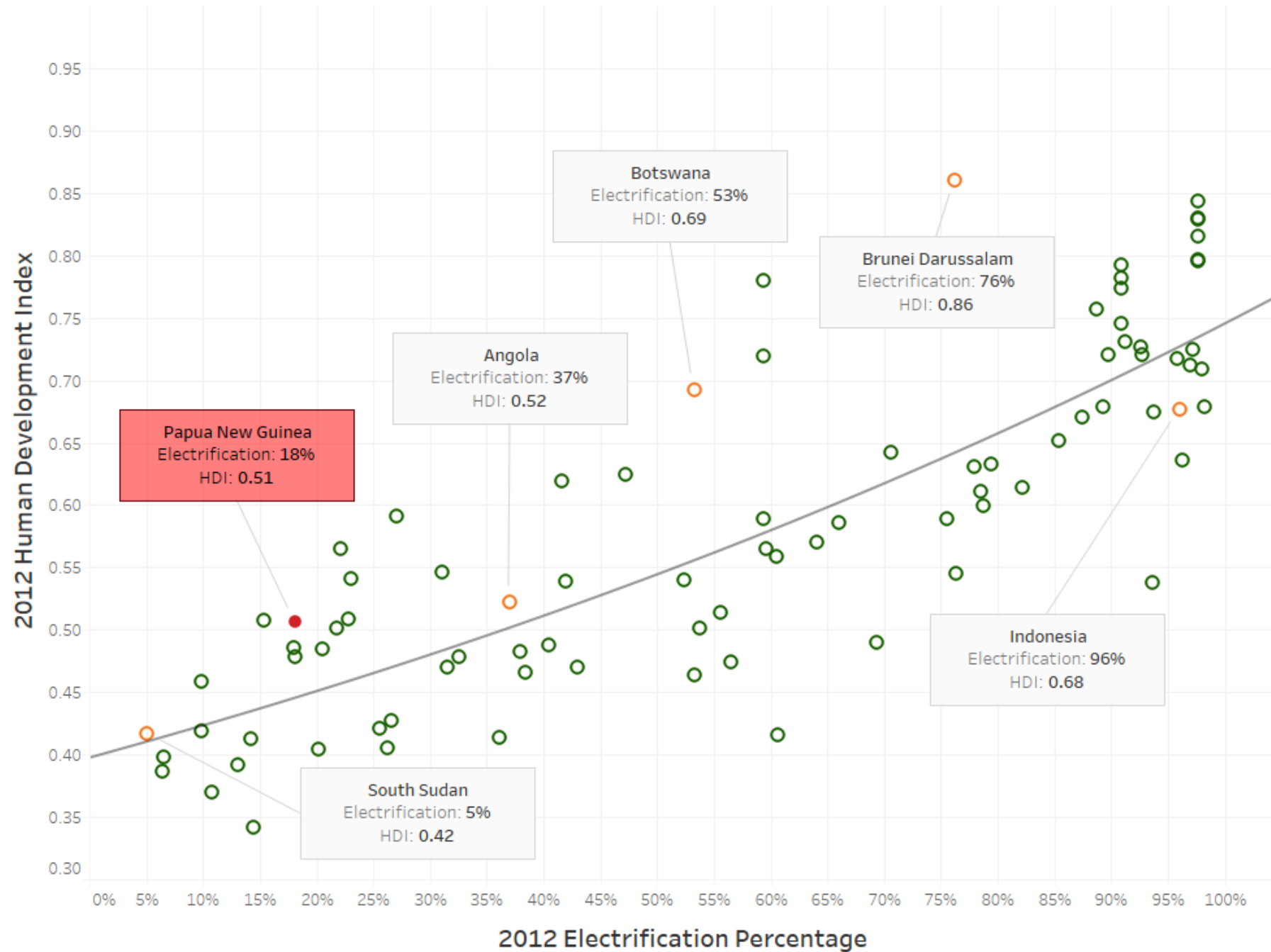
ELECTRIFYING PNG IS A DEVELOPMENT GAME-CHANGER

PNGBIOMASS

Electrification as necessary driver for economic growth (2012)



Correlation electrification rate with human development index (2012)



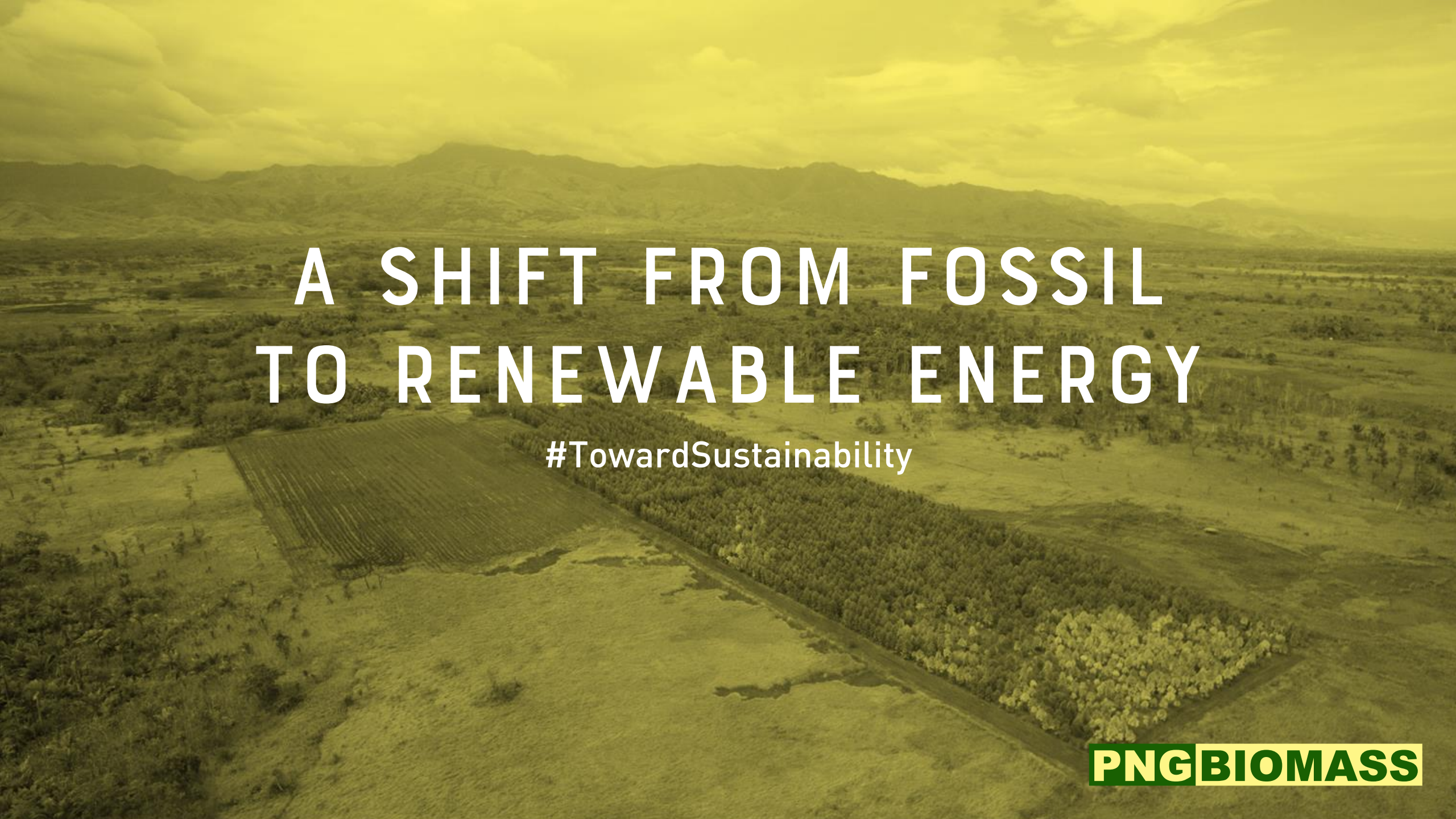
POWER UNDERPINS EVERYTHING

>10%

Less than 10% of PNG's population is connected today to a power grid

70%

70% of PNG's population should be connected to a power grid by 2030

An aerial photograph of a landscape featuring a large, dark, rectangular field in the foreground, a dense forest strip running diagonally across the middle, and rolling hills or mountains in the background under a cloudy sky. The entire image has a yellowish-green tint.

A SHIFT FROM FOSSIL TO RENEWABLE ENERGY

#TowardSustainability

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BISMARCK SEA

NEW IRELAND

Namatanai

Rabaul

ANIR IS

NISSAN I

Talasea

Hoskins

NEW BRITAIN

Gasamata

BOUGAINVILLE

BUKA I

Numa Numa

Kieta

Buin

Madang

Wabag

Mount Hagen

Kundiawa Goroka

Mendi

Lae

Finschhafen

Salamaua

Wau

Bulolo

Murua

Buna

Tufi

GOODENOUGH I

PORT MORESBY

Cape Rodney

Samarai

MISIMA I

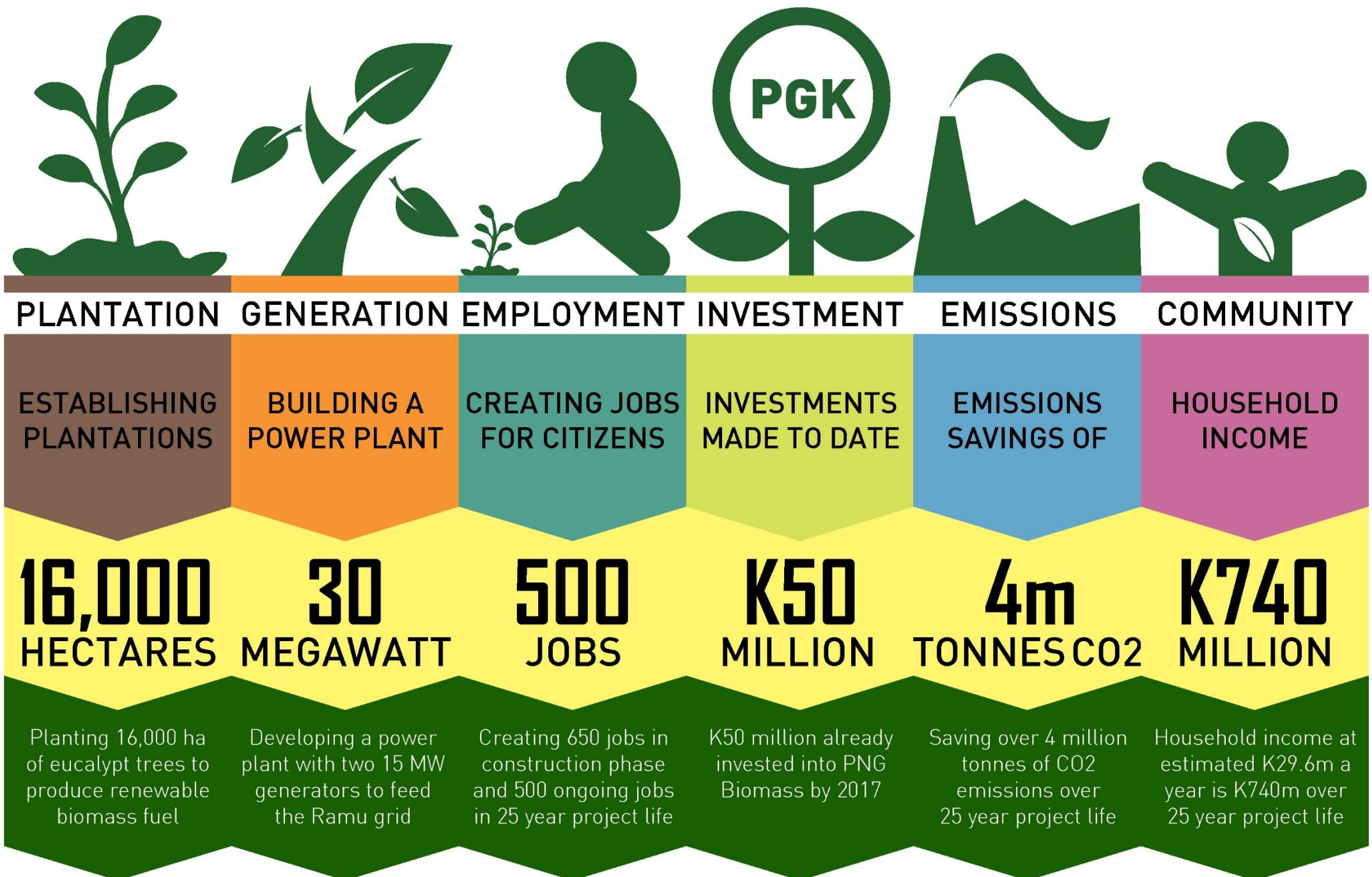
ROSSEL I

Gulf of Papua

Torres Strait

THURSDAY I

PNG BIOMASS
MARKHAM VALLEY





1

NURSERY



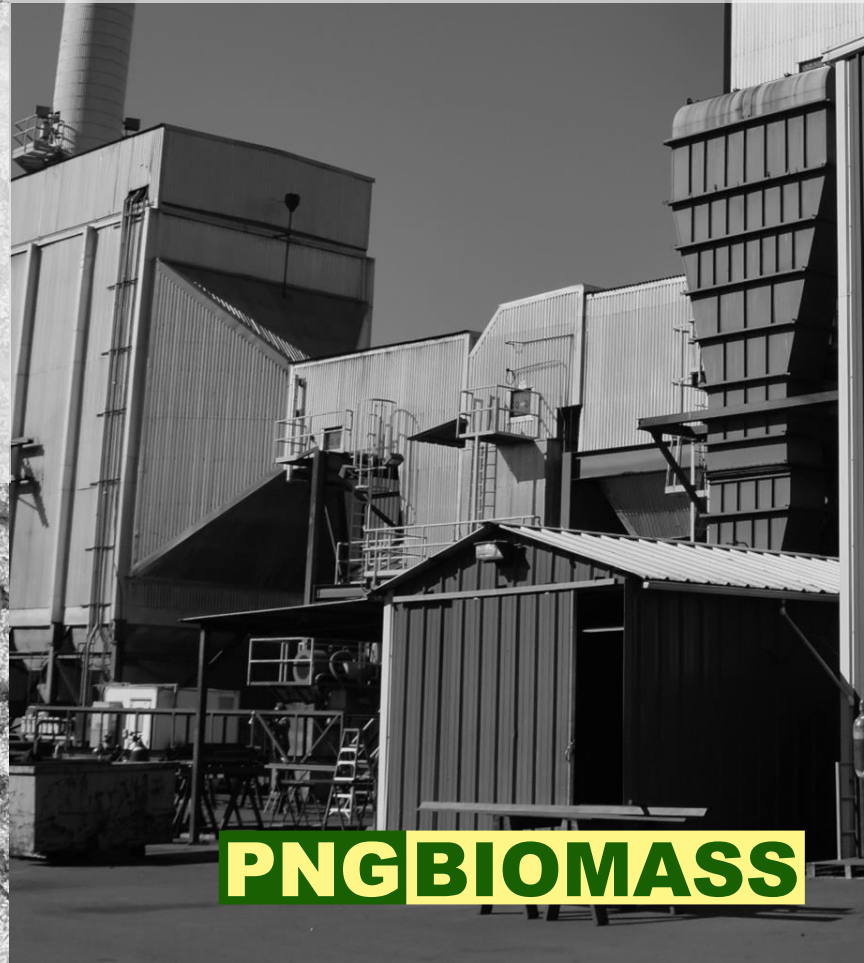
2

TREE PLANTATIONS



3

POWER PLANT



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1

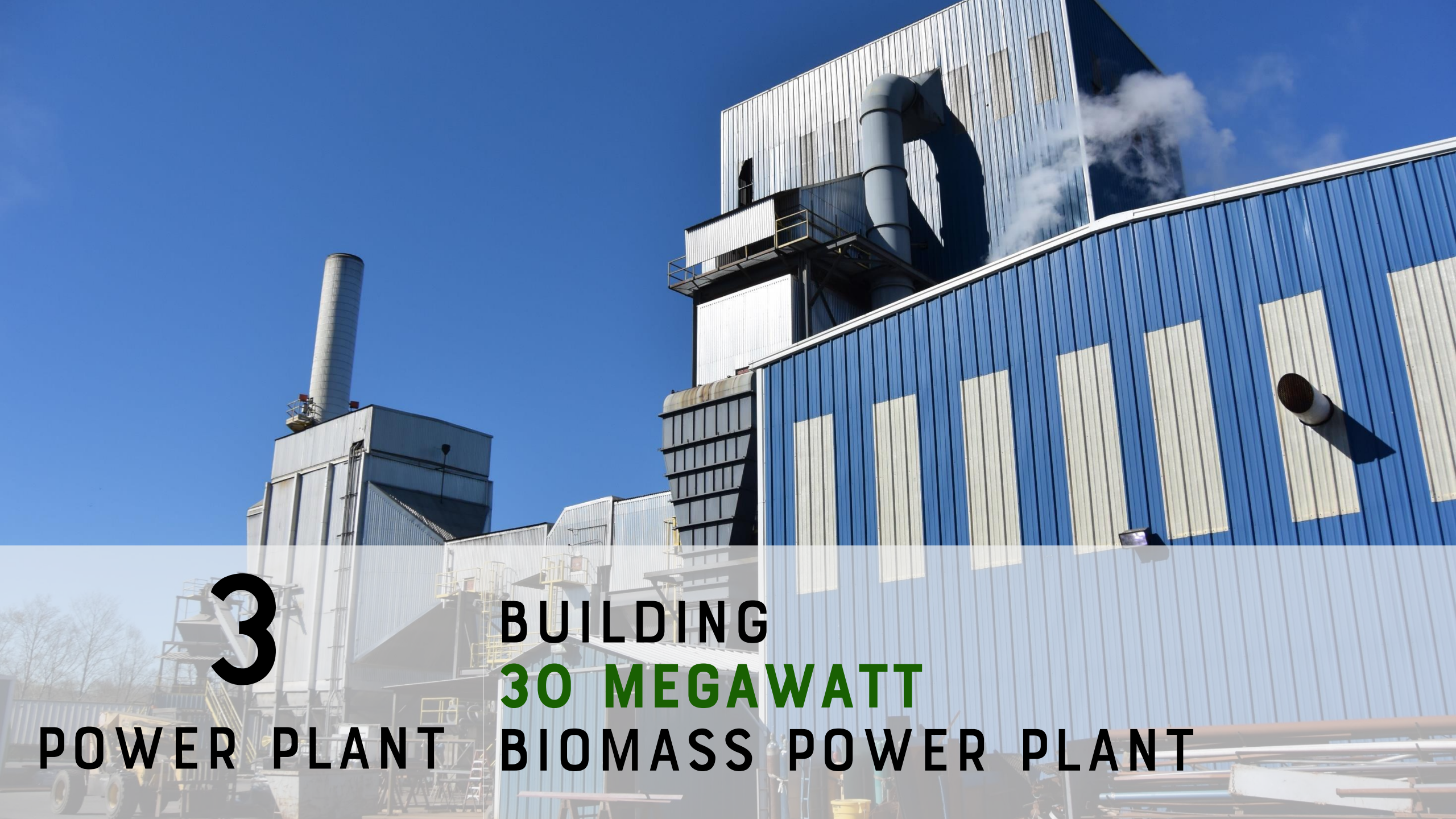
NURSERY

PRODUCING
10 MILLION
SEEDLINGS A YEAR



2
TREE
PLANTATIONS

ESTABLISHING
16,000 HECTARES
OF TREE PLANTATIONS



3

BUILDING

30 MEGAWATT

POWER PLANT

BIOMASS POWER PLANT



EMPOWERING LANDOWNERS AND COMMUNITIES

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LANDOWNER OFFER

Income streams and opportunities for landowners



**LAND
RENTAL**



**CROP
SHARE**



**CARBON
CREDITS**



**BUSINESS
OPPORTUNITIES**

COMMUNITY PARTICIPATION

Opportunities for Community Business Groups



**LAND
PREPARATION &
ESTABLISHMENT**

**UNSKILLED
SEMI-SKILLED
STAFF**

**REPAIR AND
MAINTENANCE**

**FIRE SPOTTING
AND FIGHTING**

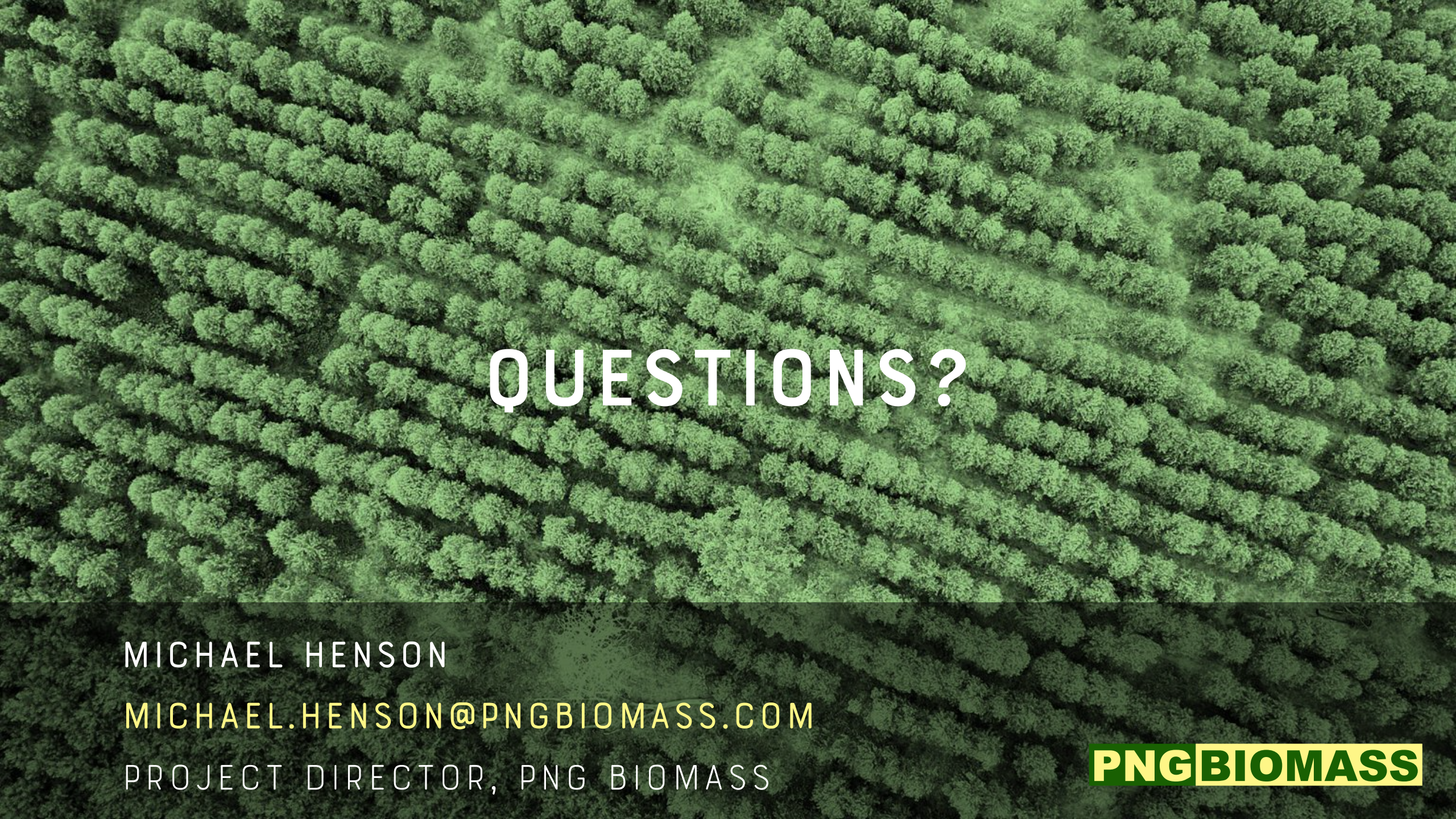


Oil Search

#creatingsharedvalue

THE LINK BETWEEN COMPETITIVE ADVANTAGE AND SOCIAL RESPONSIBILITY

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QUESTIONS?

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