

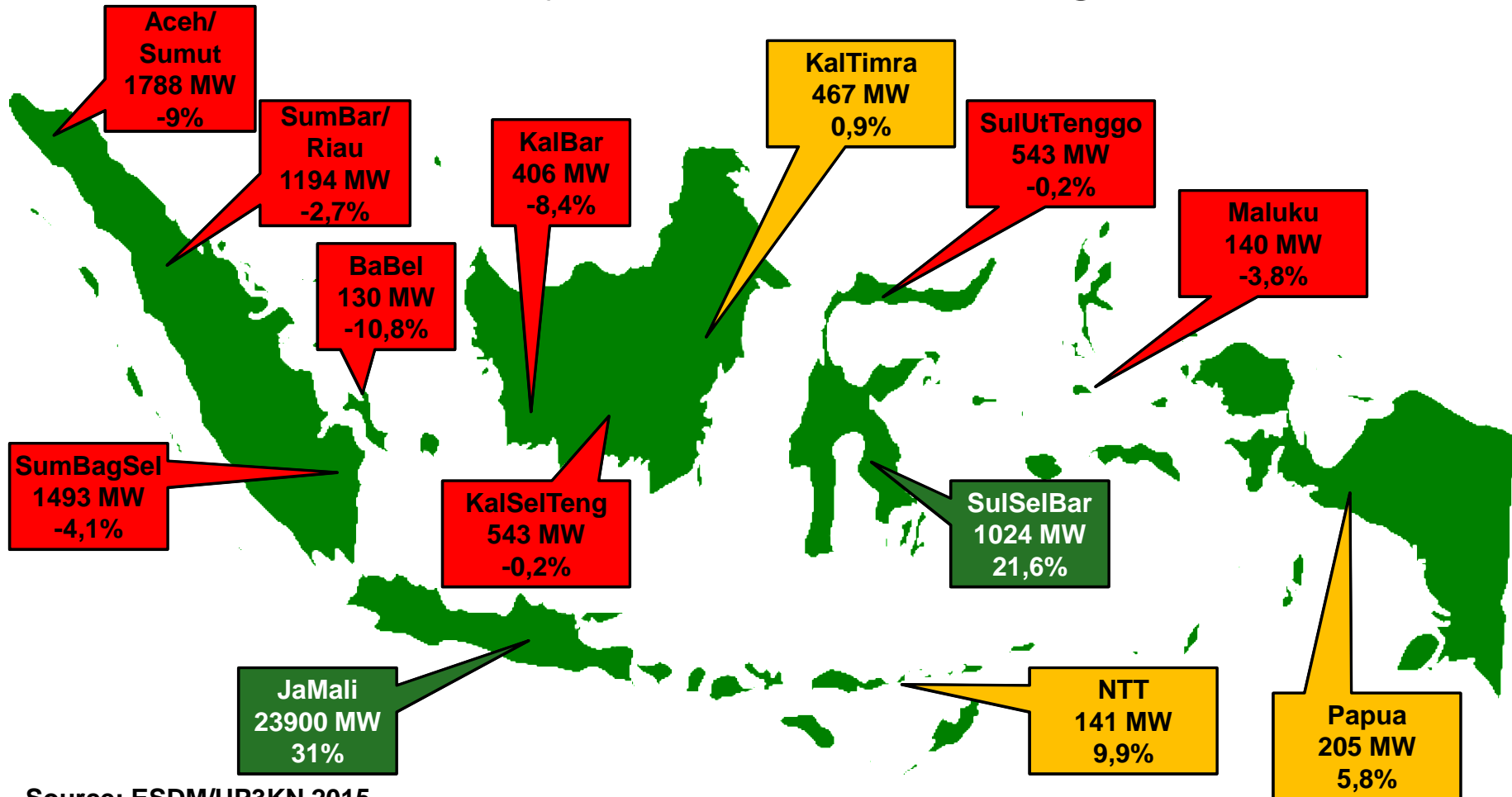


Third Bioenergy Week 25.5.2015
Community Involvement
PT Austindo Aufwind New Energy

Background



Capacity and Reserve Margin

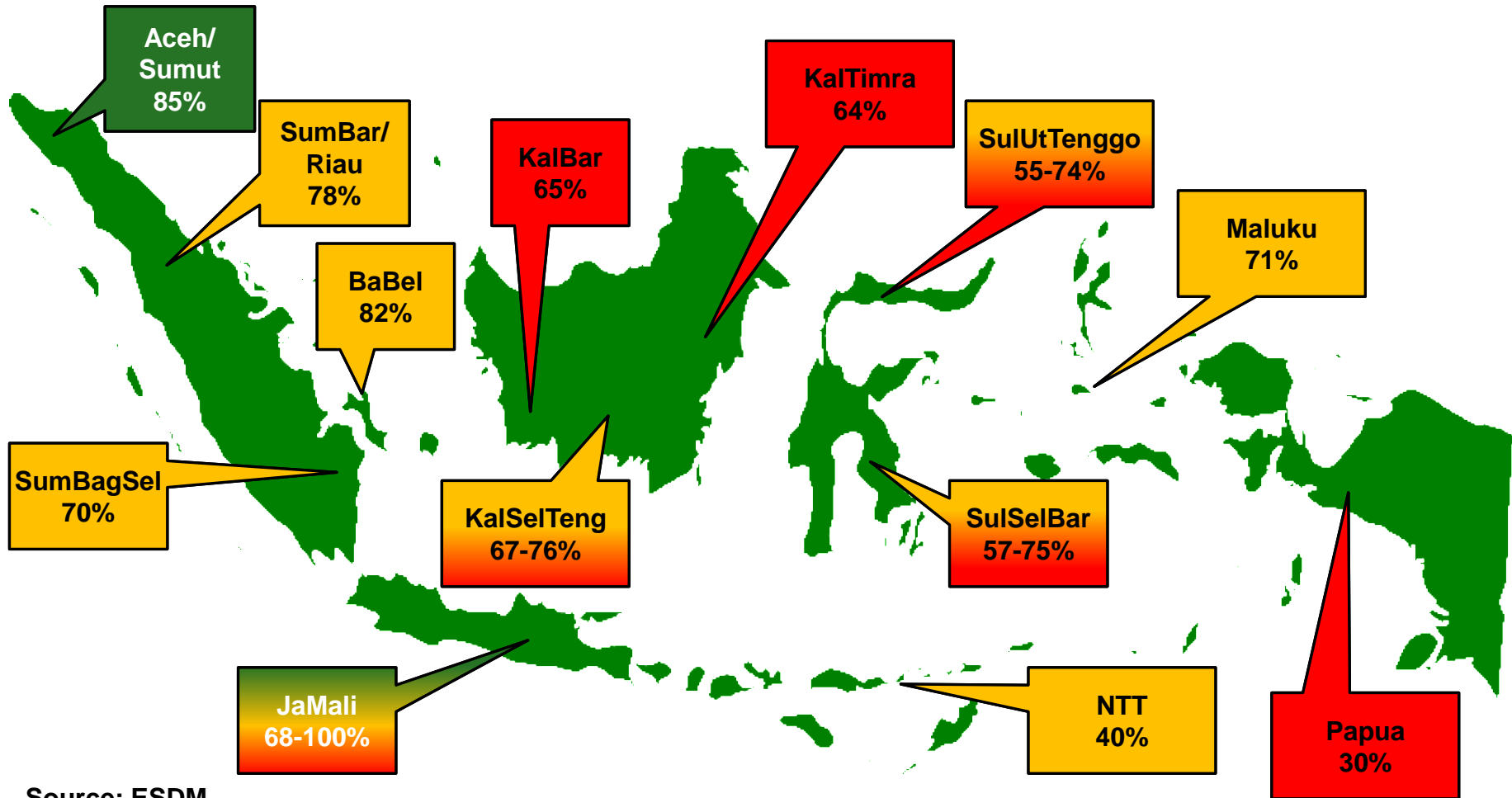


Source: ESDM/UP3KN 2015

Background



Electrification Ratio 2011 (RUEN: 85% in 2023)



Source: ESDM
(approximations)

Belitung Biogas

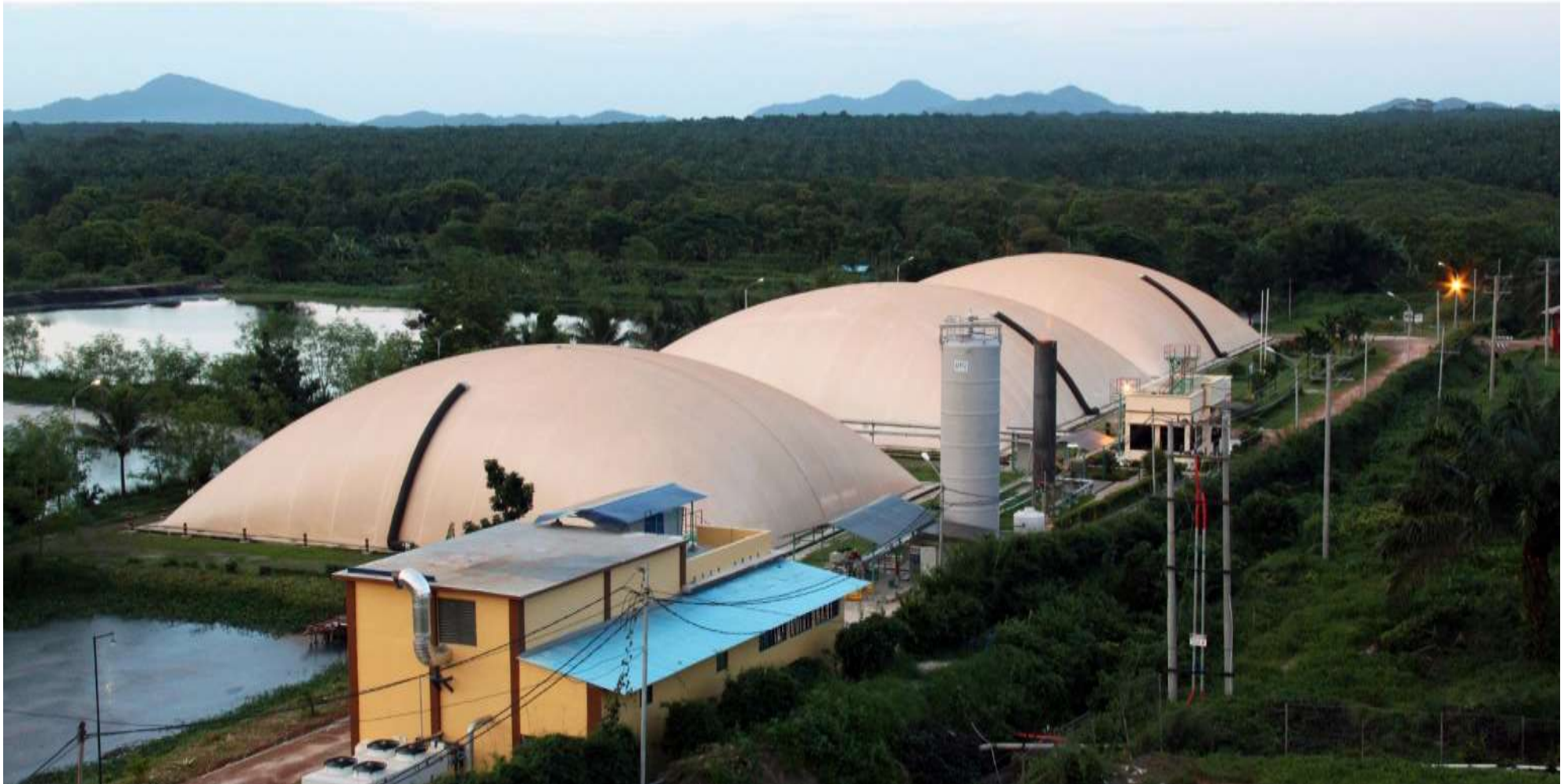


Belitung:

Built as CDM plant – but with power generation in mind

- 60 tph palm oil mill
- Design: AANE
- CDM registration 2009
- 1,2 MW from Q4-2013
- 1,8 MW from Q3-2015

History Belitung



History Belitung



The plant in March 2012



History Belitung



Power house



Trafo room



Radiator area



Inside the engine room

03.12.2013 08:20

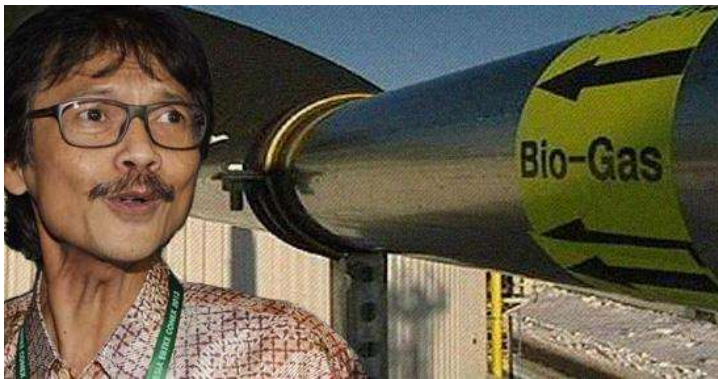


Inside the PLN metering panel room

History Belitung



History Belitung



Belitung Ekspres
Kebanggaan Urang Belitung
KOMPAS
AMANAT HATI NURANI RAKYAT

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POS BELITUNG

Bisnis Indonesia

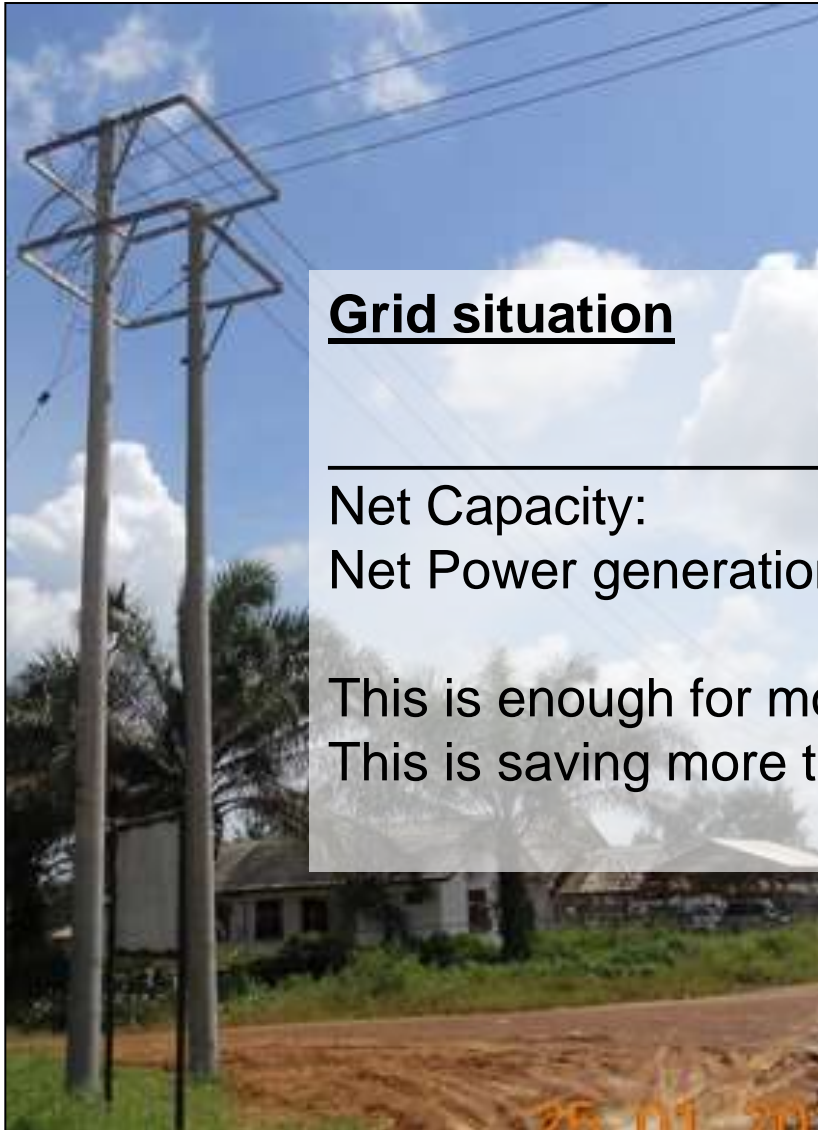
NAVIGASI BISNIS TERPERCAYA

Bupati Dr. Basuri: „A big step towards Eco Regency East Belitung“

Rida Mulyana (Dirjen EBTKE): „...the first biogas IPP in Indonesia“

Ari Wardana (GM PLN): „We will save 2.5 mio USD each year“

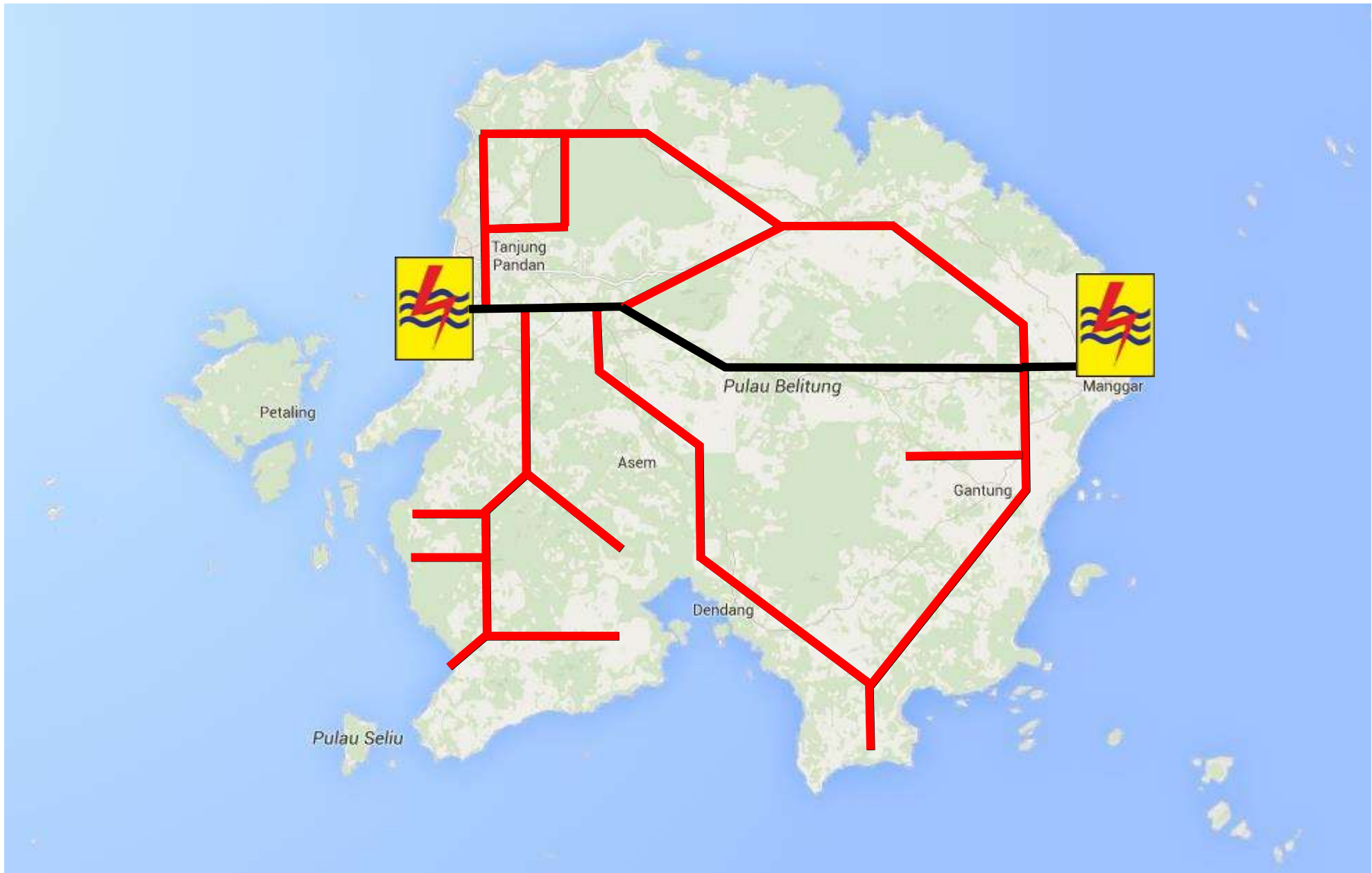
Performance Belitung



Grid situation

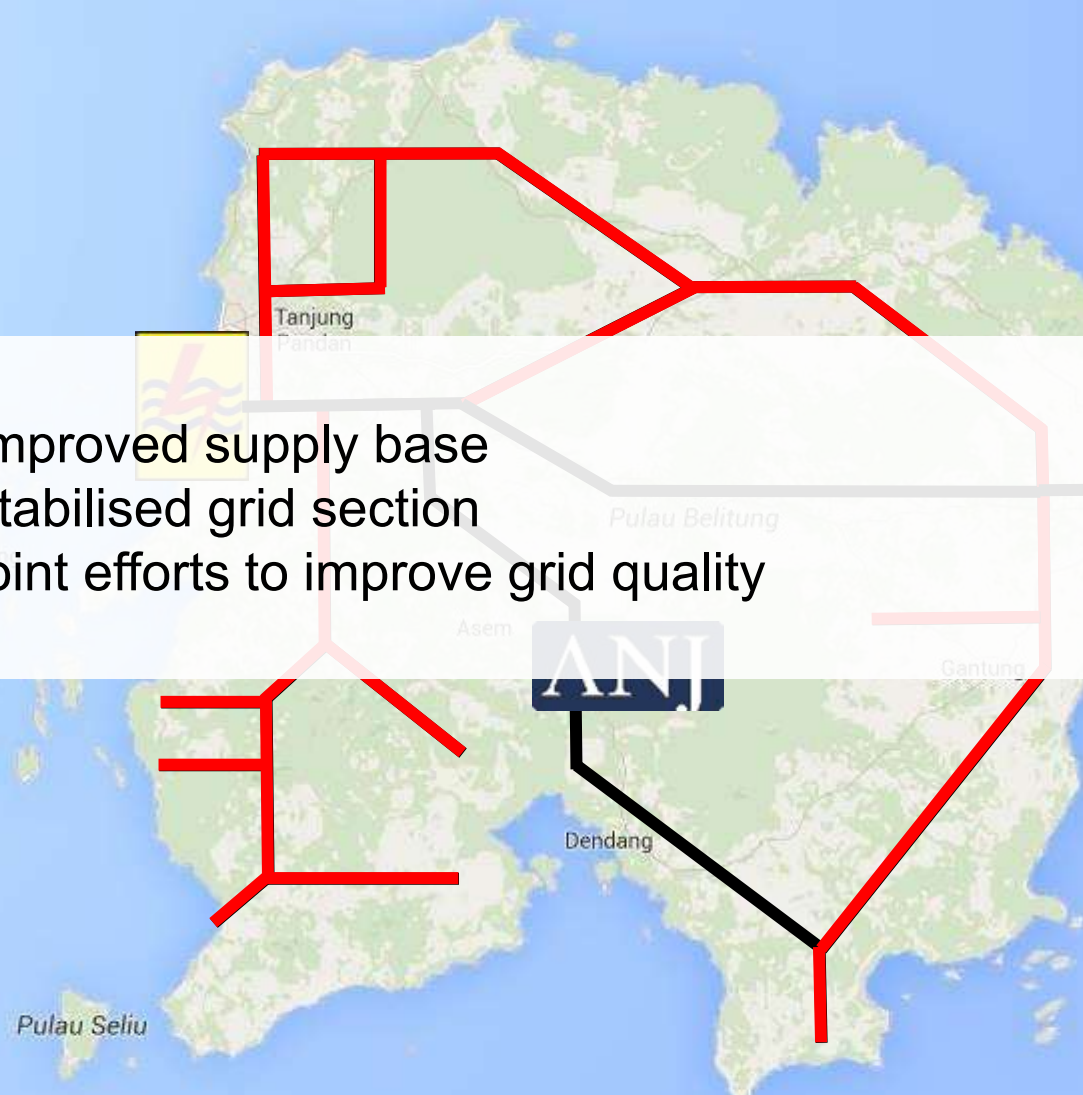
| | PLN Belitung | AANE Biogas | |
|-----------------------|--------------|-------------|-------|
| Net Capacity: | 41,7 MW | 1,2 MW | ca 3% |
| Net Power generation: | ca 230 GWh | 8,6 GWh | ca 4% |

This is enough for more than 2500 small households and
This is saving more than 2 mio USD energy subsidies annually.





...improved supply base
...stabilised grid section
...joint efforts to improve grid quality



Pulau Seliu





Benefits...

- ...for local communities: better quality of power supply
- ...for investors: sustainable revenues
- ...for plantations: reduces emissions and improved image
- ...for central government: reduced energy subsidy

Pulau Seliu

Dendang

Tanjung
Pandan



Thank you very much

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