



Distributed Power

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Market Development

GE Distributed Power ASEAN

"Renewable Energy Opportunities for Remote Indonesian Grids" Workshop

October 1st 2014, Mulia Hotel

Distributed Power Product Range

0.1 – 5.0MW

5 - 25MW

25 - 50MW

50MW – 100MW

Power Gen



Type 2
250-330kW



Type 3
500kW-1MW



Type 4
800kW-1.6MW



Type 6
1.6-4.MW



J920 Flextra
9.5 MW



LM2500
16-32MW



LM6000
41-52MW



LMS100
100MW



VGF
120-800kW



VHP
270kW-1.5MW



APG1000
1-1MW



275GL+
1.9-3.6MW



Clean Cycle
± 100 kW

Mech drive/O&G/Mining/Marine



VGF
120-800kW



VHP
270kW-1.5MW



275GL+
1.9-3.6MW



LM2500
16-32MW



LM6000
41-52MW

Mobile/ Emergency Power



J320 Gas engine
generator set
1MW



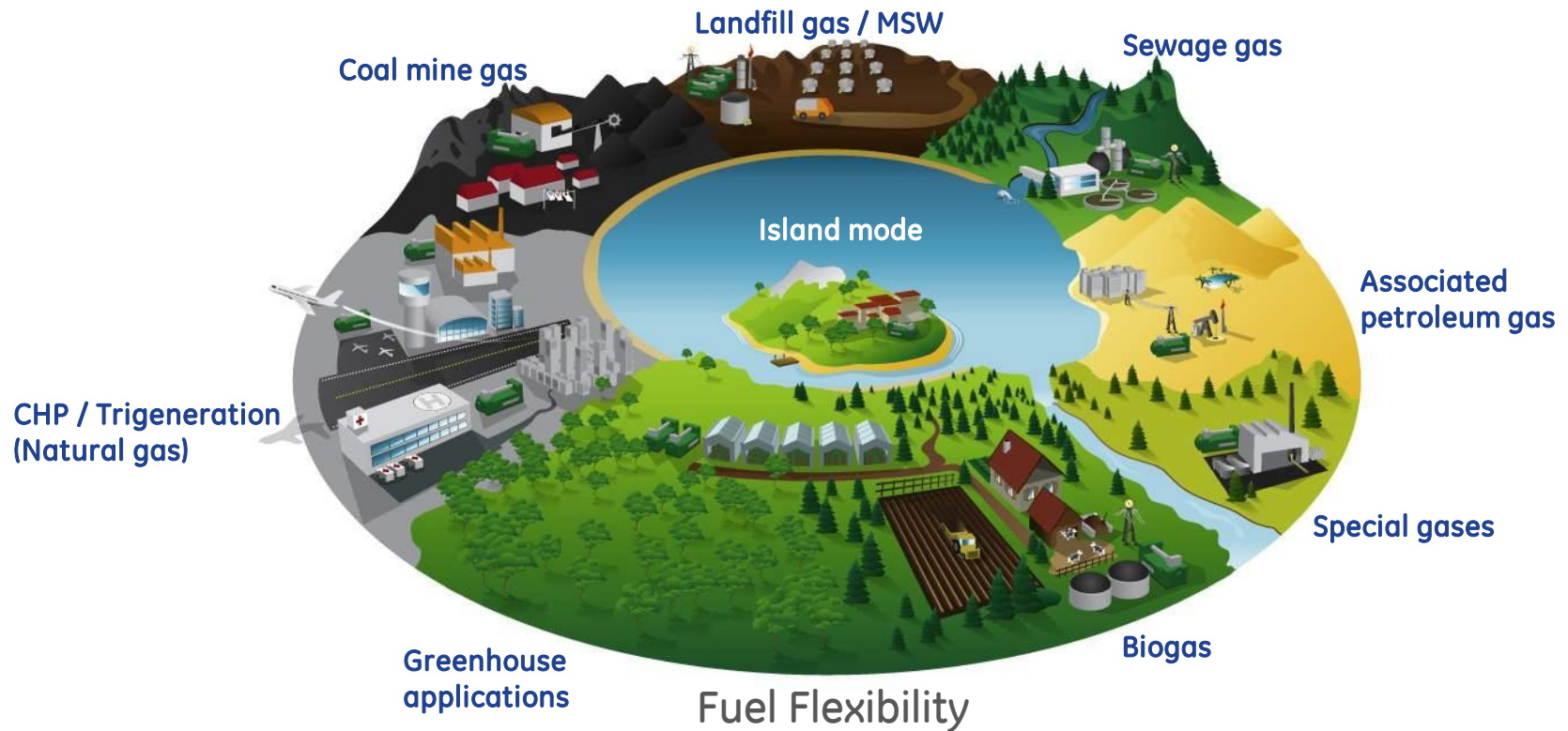
12V228 Diesel engine
generator set
2MW



TM2500 Gas turbine
generator set
22-31MW



Total Solution With Fuel Flexibility for DP Client



Total Solution:

- a) Advisory on project development
- b) Technology solution packaging
- c) Solution integration
- d) EPC sourcing
- e) Fuel management & FSA
- f) Power offtake & PPA
- g) Equity partner sourcing
- h) Debt financing sourcing
- i) Policy advisory

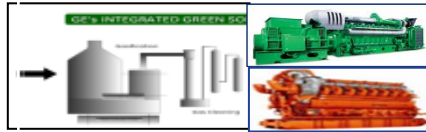


Solution...not only equipment!

Non Natural Gas-based Powergen

Biomass Gasification powergen

- Wood-chip, palm solid, coconut-husk, napier-grass, rice-husk etc



GE Integrated Biomass-gasification Solution (IBS)

Biogas Powergen

- POME , F&B, LSU, organic waste etc

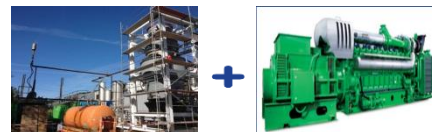


Anaerobic Digester

Engines

Coal Gasification Powergen

- Low CV



Coal Gasifier

Engines

Natural Gas-based Powergen

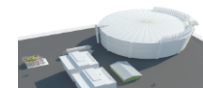
Integrated Virtual & On Pipeline (i-ViOP) Powergen

- Small-scale CNG & LNG , with no pipeline infrastructure

CNG In A Box



Micro LNG + Salof MMLS



Engines/Aero



Combined Heat & Power (CHP) / Trigeneration Powergen

- Producing Electricity and utilizing the exhaust heat to produce heating & cooling

