Bio-energy, CCS and BECCS: Options for Indonesia 21-24 September 2012, Jakarta, Indonesia











Roundtable Discussion

Synthesizing Bioenergy and CCS – Towards A Systems Approach to Harnessing Benefits

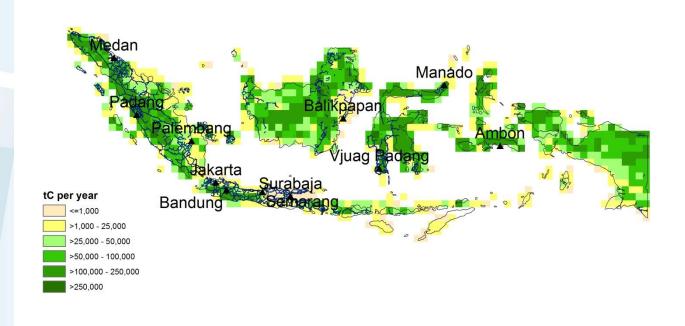
Dialogue question:

What steps are taken to address two scenarios?

- BECCS is deployed
- BECCS is not deployed



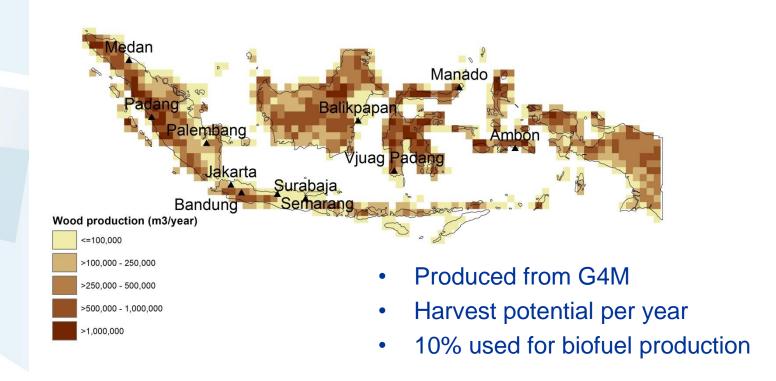
Biomass







Managed Forest







Population







Road Network

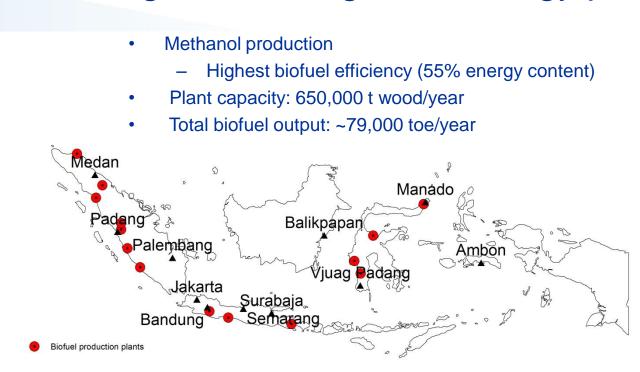






Preliminary Results

optimal siting and scaling of bioenergy plants



Calculation of substitution potential:

Seq. Potential= $650,000 \ t \ wood \ per \ yr \ * [n \ of \ optimal \ BECCS \ plants] * 1.122tCO2 \ per \ T \ wood$



Potential "in-situ" BECCS locations

CO₂ Storage Capacity Estimates in Depleted Oil and Gas Field*

