

# RPA Biomass Conference Project Development Experience

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# 10 MWe Wood Fuel Biomass Plant



# Initial Issues

- Phase 1
  - Identify suitable site
  - Establish local support
  - Develop feasible feedstock strategy
  - Clarify feasibility of grid connection
  - Negotiate MOU with partners
- Phase 2 - Planning & IPPC Application
  - Local Authority
  - Environmental Agency
  - EPC contractor
  - Land remediation partner
  - Impact studies (road traffic, wild life, bats etc)
  - Water discharge licence etc.

# Other Issues to be addressed

- EPC contract
- Project insurance
- Bank financing
- Feedstock contracts
  - Issue of self supply
- PPA
- O&M contract
- Land procurement
- Remediation contract
- COST !

# Observations

- Complex supply chain involving several players
- Very complex project development process
- Political support vital to help remove obstacles
- Stable economic policy important to financial backers
- Need portfolio of similar projects to share costs and reduce risk
- Economics of stand alone projects doubtful
- There are lots of good biomass projects awaiting to get done