



Challenges for Investing in Small Scale Renewables in Thailand





Outline



- Credentials KASIKORNBANK Group
- Key Barriers
- Risk Mitigations

Appendix

Project Financing



Credentials



KASIKORNBANK Group

- The 4th largest local commercial banks in terms of asset size with THB 2,005 billion as of 30 Sep 12
- The pioneer in commercializing renewable power project financing in Thailand
- The most active bank in providing the integrated financing solution to clients in the renewable space with a variety of optimum financing products both debt and equity
- One of the leading Mandated Lead Arrangers in power sector, Thailand and Asia Pacific Source: Project Finance Magazine
- Dedicated power sector team ~20 headcounts



Key Barriers



Difficulty in accessing long-term debt financing especially for small renewables

- Scale Size does matter
- Sponsor
 - Inexperienced Sponsor
 - Long-term commitment and support to the project
- Unfamiliarity with technologies
 - Insufficient track record
 - Uncertainties over their performance
- Specific risks to each type of project
 - Feedstock supplies for biomass and biogas projects in particular
 - Environmental impact for WTE projects



Key Barriers



Difficulty in accessing long-term debt financing especially for small renewables

- Complexity of project financing structure and process
- Other issues
 - Relatively high transaction costs e.g. Lenders'
 Advisors including Technical, Insurance and Legal
 - Resource management pre and post development



Risk Mitigations



- Credit enhancement structure
- Participation/support by local as well as multi-lateral agencies
 - As shareholder
 - As loan provider
- Involvement of strategic investors
- Dealing with size: Establish "Lending Guidelines"
 - Checklist of the required minimum qualifications
 - Standardized project financing package





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Project Financing



- Limited recourse project financing
 - Depend on the risk of Sponsor
 - Sponsor's support to ensure project completion
- Lending guidelines
 - Checklist of the required minimum qualifications











