



Minutes of 1st TWG V meeting: Renewable Energy project development

Venue: Hotel Sultan, Jakarta

Date: 3 December 2009

Present:

- Mrs Elisabeth Wambraw and Mr Jonathan Numberi from Cenderawasih University Papua
- Mr Surya Budi Lesmana and Mr Sri Atmaja P. Rosyidi from Muhammadiyah University Jogjakarta
- Mr Tony Suryo Utomo and Mr Joko Windarto from Diponegoro University, Semarang
- Mrs Rosmaliati and Mr Arif Mulyanto from West Nusa Tenggara
- Mr Oetomo Tri Winarno from Bandung Institute of Technology
- Nico van der Linden, Tjaša Bole and Raouf Saidi from ECN

- Opening by Nico.
- Overview of experiences from Carepi:
 - o focus on micro-hydro
 - o installation in Lombok up and running, others in the pipeline
 - o Casindo will follow the same model of work as in Carepi but have a broader scope in terms of the type of projects (any other renewable energy technology other than hydro is eligible).
- Round of introduction.
- Regional teams present results from Carepi (except Papua team since they are new to the project, hence they present an overview of the energy situation in Papua). All presentations will be made available to all members of TWG IV.
- Tjasa presents methodology or the necessary steps towards developing at least one small scale renewable energy project in each region. An important aspect for the first steps towards project development and the timing is the interaction with TWG V (pro-poor energy strategy, see Tjasa's presentation).
- The teams discuss together the timeline and next steps. It is agreed, that the choice of sites and projects should be based on the outcome of the first phase of TWG V (selection of target community & needs assessment). Based on the discussion, the following immediate action points are agreed:

First action for TWG IV is to identify potential founders of the projects to be developed:

- Tjasa will look for funding opportunities from international donors (e.g. GTZ, FMO, international NGOs etc).
- Nico will review the possibilities on the national government level (e.g. the “Self-sufficient village” initiative and check whether any of the designated villages are in the CASINDO regions).
- All regional teams will look for options within the following bodies:
 - regional government (energy department, BAPPEDA),
 - local government,
 - large companies with corporate social responsibility (CSR) departments within and beyond their region,
 - local NGOs
 - existing micro-loan schemes within their region.

The outcome of this action should be an overview of all funding opportunities, their requirements in terms of documentation and application deadlines.

Timeline: end of December 2009.

Other action points:

- Tjasa will establish a group for electronic exchange of documents and discussion, either on google group or by adding “members pages” to the official Casindo website. The regional teams will be notified as soon as the group is established.

Tentative schedule of activities in TWG IV

| TWG IV activity | 2009 | | 2010 | | | | | | | | | | | | 2011 | | | | | | | | | | | |
|---|------|-----|------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|--|
| | Dec | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep | Oct | Nov | Dec | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep | Oct | Nov | Dec | |
| identify suitable projects | | | | | | | | | | | | | | | | | | | | | | | | | | |
| identify stakeholders | | | | | | | | | | | | | | | | | | | | | | | | | | |
| identify potential investors / donours (application deadlines!) | | | | | | | | | | | | | | | | | | | | | | | | | | |
| feasibility study training | | | | | | | | | | | | | | | | | | | | | | | | | | |
| business plan training | | | | | | | | | | | | | | | | | | | | | | | | | | |
| conduct feasibility study | | | | | | | | | | | | | | | | | | | | | | | | | | |
| prepare business plan | | | | | | | | | | | | | | | | | | | | | | | | | | |
| arrange finance | | | | | | | | | | | | | | | | | | | | | | | | | | |
| construction phase | | | | | | | | | | | | | | | | | | | | | | | | | | |