

Domestic biogas programmes in Asia; transformation towards commercial sectors and development of effective financing facilities



Results and the way forward

Netherlands

Development

Organisation

Bandung, Indonesia
24 November 2011



Connecting People's Capacities

Day 1: Transformation towards commercial sectors

- Eight presentations from different countries
- Country Team discussions

Day 2: Celebration/exhibition/fields visits

- Well appreciated!



International Workshop

Day 3: Financing facilities

- Three presentations
- Two parallel sessions

Did we achieve the workshop objective 1?

- To prepare for the transformation of national biogas programmes to commercial biogas sectors during the period up to 2016
- Expected output is an outline including *resource mobilisation*:
 - For existing countries on strategy towards commercialisation;
 - For giant biogas countries on innovation;
 - For new countries on start-up

Way forward by category of countries

- Existing countries: Scale-up; transform towards commercialisation; secure financing for next phase of national programmes
- P.R. China and India: Formulate more detailed proposals for innovative programmes
- New countries: Sri Lanka, Myanmar: Define institutional set-up; secure financing

Observations and recommendations (1)

- Role of government: assume ownership, provide financing, conducive policies, regulation, avoid market distortion
- Role of private sector: fully acknowledged, to be further developed
- Institutional development: SEDA, VBA, ..
- Bio-slurry: develop further

Observations and recommendations (2)

- Credit: develop the financial services
- Subsidy:
- Carbon financing: large number of countries are somehow engaged
- ODA: follow-up the many leads

And what about workshop objective 2?

- To present and discuss the Asian Rural Biogas Facility as under development by KfW, ADB and SNV.
- Expected output: A set of observations and recommendations from the country delegations on the design of the Facility

Observations and recommendations (1)

Credit fund/facilities:

- Market distortion?
- Eligibility criteria?
- Country specific!

➤ KfW and ADB will take this forward while designing the regional structured debt fund

Observations and recommendations (2)

Carbon financing:

- Not sure what is the way forward for each and every country, if any (country specific)
 - Bank on specific experience gained so far
- Define the way forward on the basis of a brief proposal

(Climate funds, NAMA???)

What else in 2011/2012?

- Request to comment on draft final report from Expert Group on technical innovation of domestic biogas plants to reduce costs, to increase reliability and to meet untapped market demands (December 2011)
- Member registration of WG on Domestic Biogas
- Course on domestic biogas programme development in cooperation with Asian Institute of Technology (? 2012)
- Expert group on bio-slurry management (2012, yet to be specified through ToR and financed)
- International workshop (2012, yet to be confirmed and financed)

Finally...

Question one year ago at Cambodia workshop:

- Is it truly feasible to develop (over time) the national programmes on domestic biogas into commercial sectors? Or will these (development) programmes continue to require external public financing including all risks?