

Scaling up access to energy

Experiences from the Asia Biogas Programme

Netherlands

Development

Organisation



Connecting People's Capacities

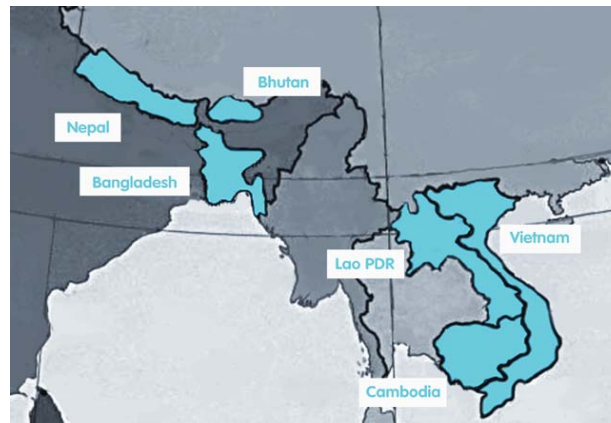
Overview

- The Asia Biogas Programme
- Regional features
- Essentials
- The biogas road map

ABP; towards a regional approach

- 1989: Biogas Support Programme Nepal
- 2002: Support Project for the Biogas Programme in some provinces of Vietnam
- 2004: R2004-Bonn
- 2004: ABP

Regional scope



- 260 million people
- 35% below poverty line
- low HDI
- declining natural resources
- large agricultural sector

Ten million biogas plants:

- 50 million people
- 3500 MW installed
- reduce 42 million T CO₂eq / year

Asia Biogas Programme

To further develop the market for biogas as an indigenous, sustainable energy source in selected countries in Asia.

- (Nepal), Vietnam, Cambodia, Bangladesh, Laos, (Pakistan?)
- Sector development
- Target: 210,600 domestic biogas plants (1.3 million people)

• Status:

| Biogas plants realised under the Asian programmes supported by SNV | | | | |
|--------------------------------------------------------------------|----------------|---------------|---------------|----------------|
| Country | Up to 2005 | 2006 | 2007 | Total |
| Nepal | 139,332 | 17,126 | 16,400 | 172,858 |
| Vietnam | 18,022 | 7,672 | 7,350 | 33,044 |
| Bangladesh | - | 205 | 2,116 | 2,321 |
| Cambodia | - | 296 | 1,150 | 1,446 |
| Lao PDR | - | - | 110 | 110 |
| Total | 157,354 | 25,299 | 27,126 | 209,779 |

Why would a regional approach work?

- **Synergy**
 - Knowledge transfer
 - Inspiration
- **Flexibility**
 - Funds
 - Human resources
 - Area of intervention
- **Status**
 - Access to resources
- **Economies of scale**
 - Support costs
 - Product costs

Essentials

- **Simple**
 - Limit bureaucracy
 - Agree on outlines
- **Focus**
 - Single approach
 - Single technology
- **Link**
 - Funds
 - Targets
 - Capacity
- **Think regional, act national**

Road map for biogas

- ABP plus
 - Extension of coverage
 - Pakistan
 - Indonesia
 - Sri Lanka
 - Philippines
 - Other countries?
- ABP II
 - Extension after 2011

Thank you for your attention

Felix ter Heegde

SNV-the Netherlands Development Organization

Contact:

fterheegde@snvworld.org

wvannes@snvworld.org

<http://www.snvworld.org>