



Decentralisation of sector functions within the Biogas program for Animal Husbandry Sector of Vietnam

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**International Workshop In
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The Biogas program for Animal and Husbandry Sector of Vietnam 2003-2012

A partnership between SNV and MARD - DLP

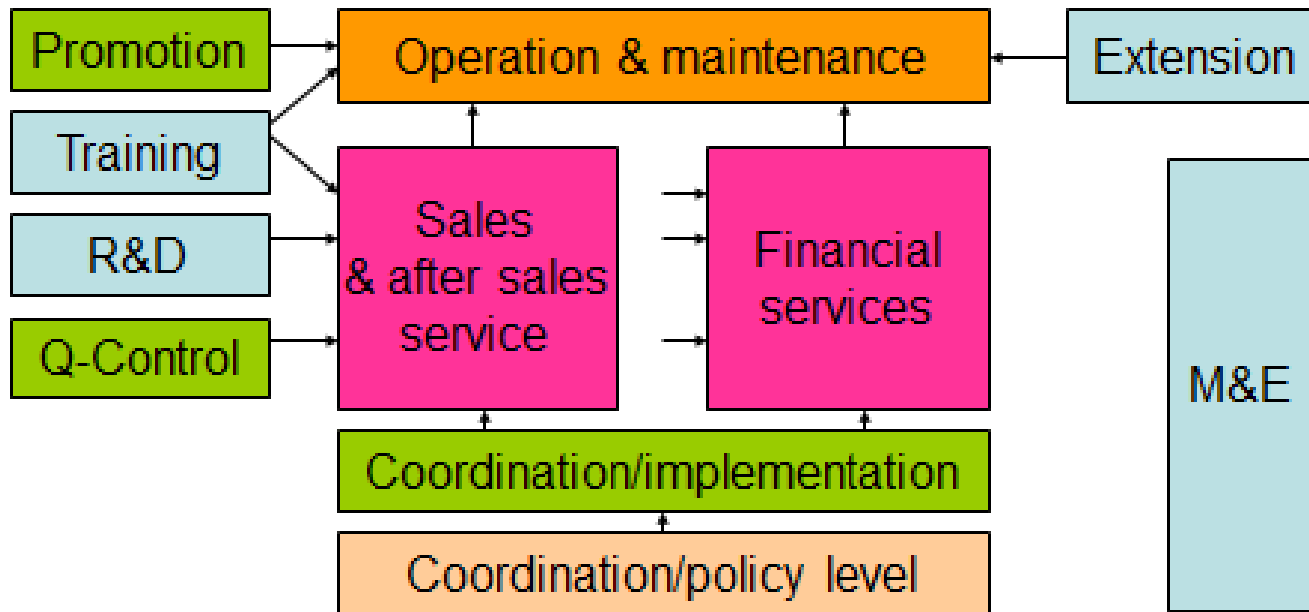


Goal: 140.000 units in 58 provinces by end 2012

Key results thus far:

- 110,000 biogas plants installed in 44 provinces
- 500,000 beneficiaries in rural areas
- 2 million labour days created
- 2 tons of CO₂ per plant/year reduced
- Energy Globe Award 2006
- Ashden Award 2010

SECTOR FUNCTIONS



SNV

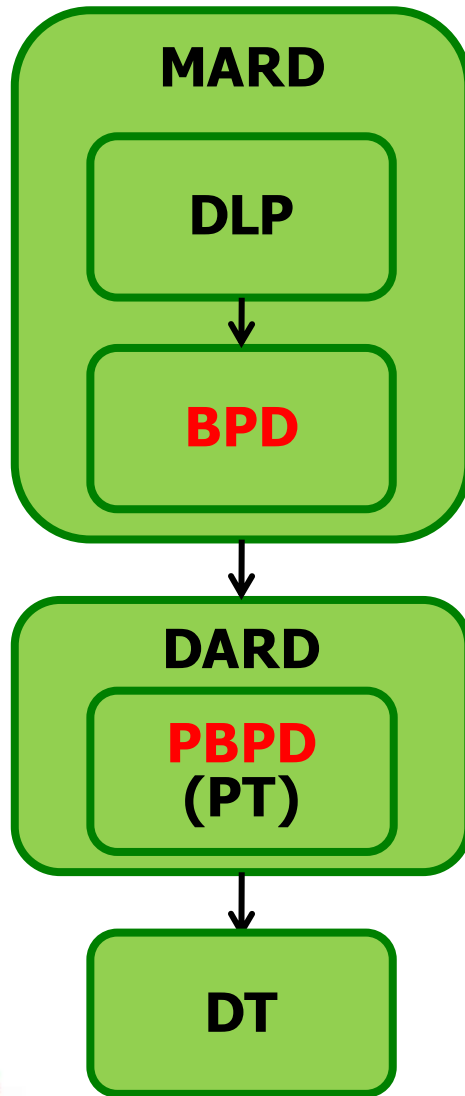
Connecting People's Capacities

3

THE STAKEHOLDERS

- Ministry of Agriculture and Rural Development (MARD)
- Department of Livestock Production (DLP)
- Government on provincial level (DARD)
- Biogas Project Division (BPD)
- Provincial Biogas Project Division (PBPD)
- SNV Netherlands Development Organisation (SNV)
- Dutch Government (DGIS)
- Local stakeholders
 - >500.000 households
 - labor created
 - among them >1000 mason teams,
 - Provincial Technicians (PT)
 - District Technicians (DT)

STRUCTURE OF THE STAKEHOLDERS



DECENTRALISATION

2010: 28/36

2011: 31/43

- All responsibilities concerning
- ✓ QC (acceptance file, database)
 - ✓ Technical & mason training
 - ✓ Extension application
 - ✓ Finance

Is now in hands of the provinces who have been in the program 2 years or more

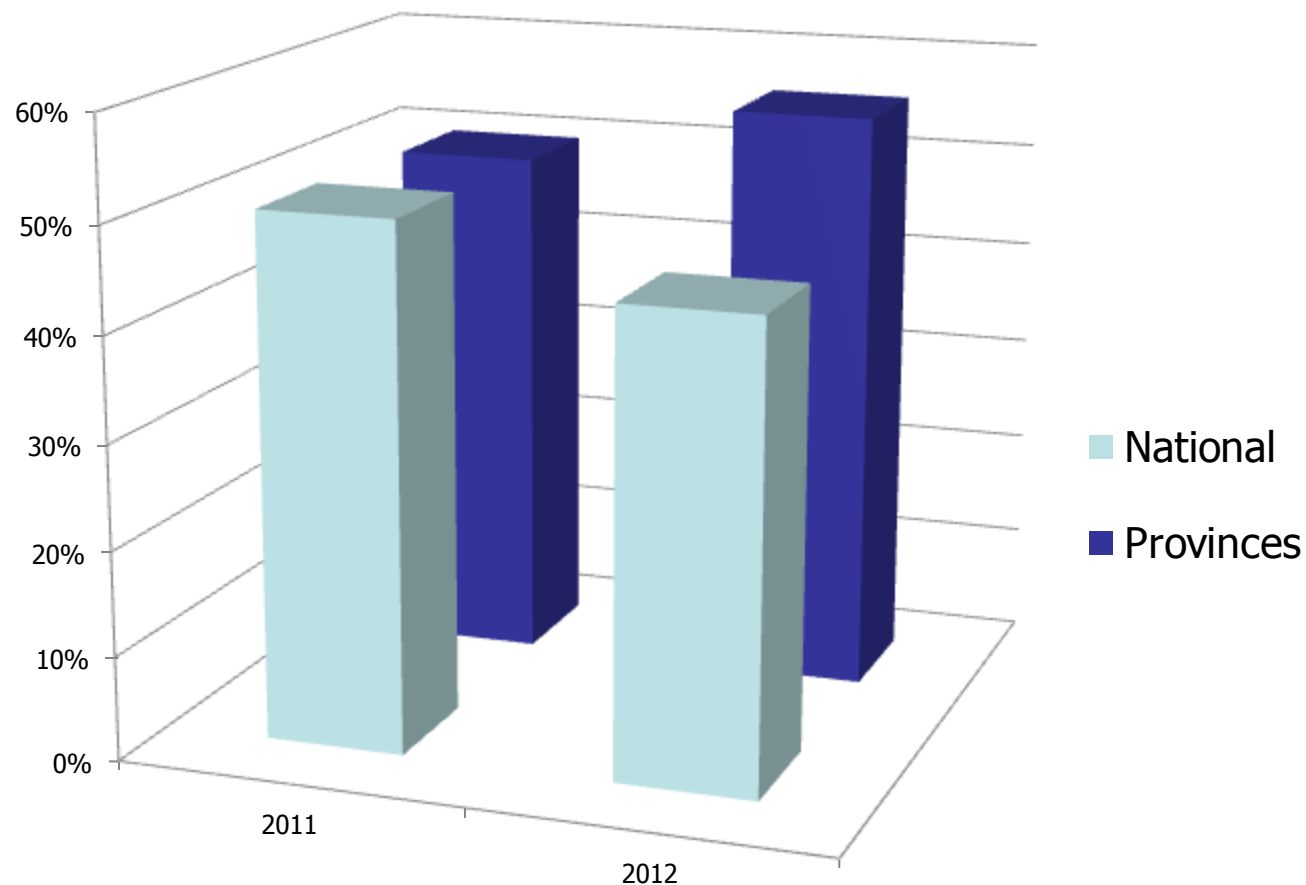
RESULTS



- Strengthening of the program M&E system (guidelines, database update, etc) for QC, training and finance.
- Better ownership of the PBPDs through better services of QC, training and finance.
- Utilize Government systems at provincial level (seconded staff/human resource)
- Reduce workload for BPD but sometimes, resulting workload to the provincial, district and commune technicians/ accountants.



Program Cost Allocation & savings



CONTRIBUTIONS TO COMMERCIAL BIOGAS SECTOR



- Updated appropriate program designs with
 - Promotion
 - QC
 - Training
 - R&D
 - extension
 - Finances
- Good human resources
(Trainers, Technicians, masons, accountants)
- Biogas network spread over 49 provinces (users, masons, technicians, appliances suppliers)