

# Domestic Biodigester Dissemination



## SNV's approach in biogas sector development

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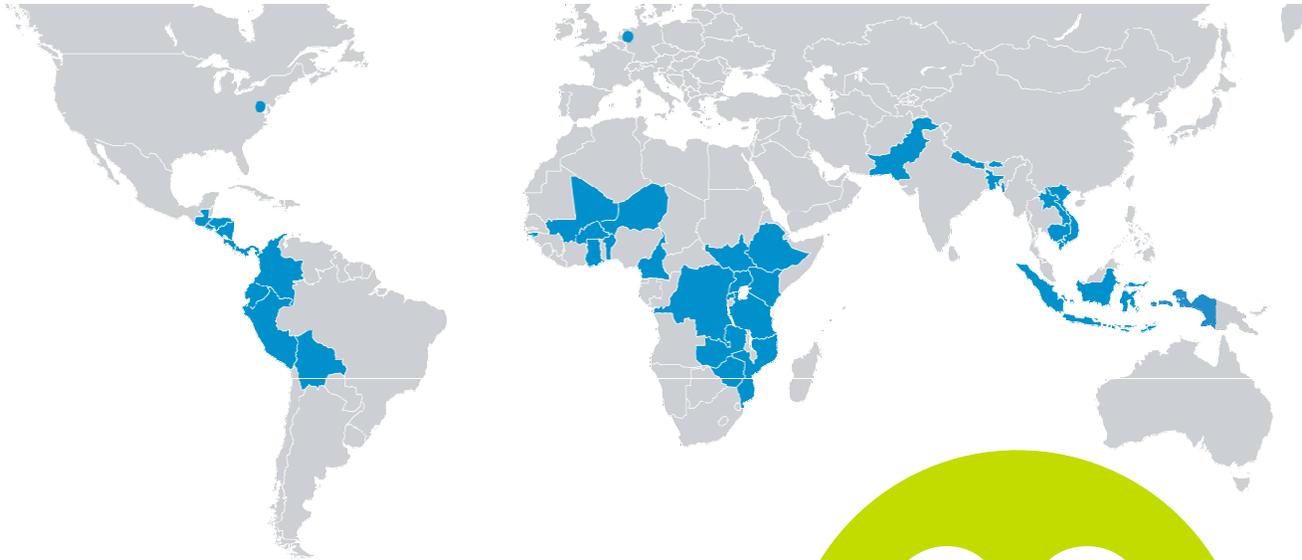
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**SMART DEVELOPMENT WORKS**

# SNV: Working to end Poverty in



**38**  
countries

# Our focus

- Increasing income, production and employment opportunities
- Improving access to, coverage and quality of basic services



Food



Energy



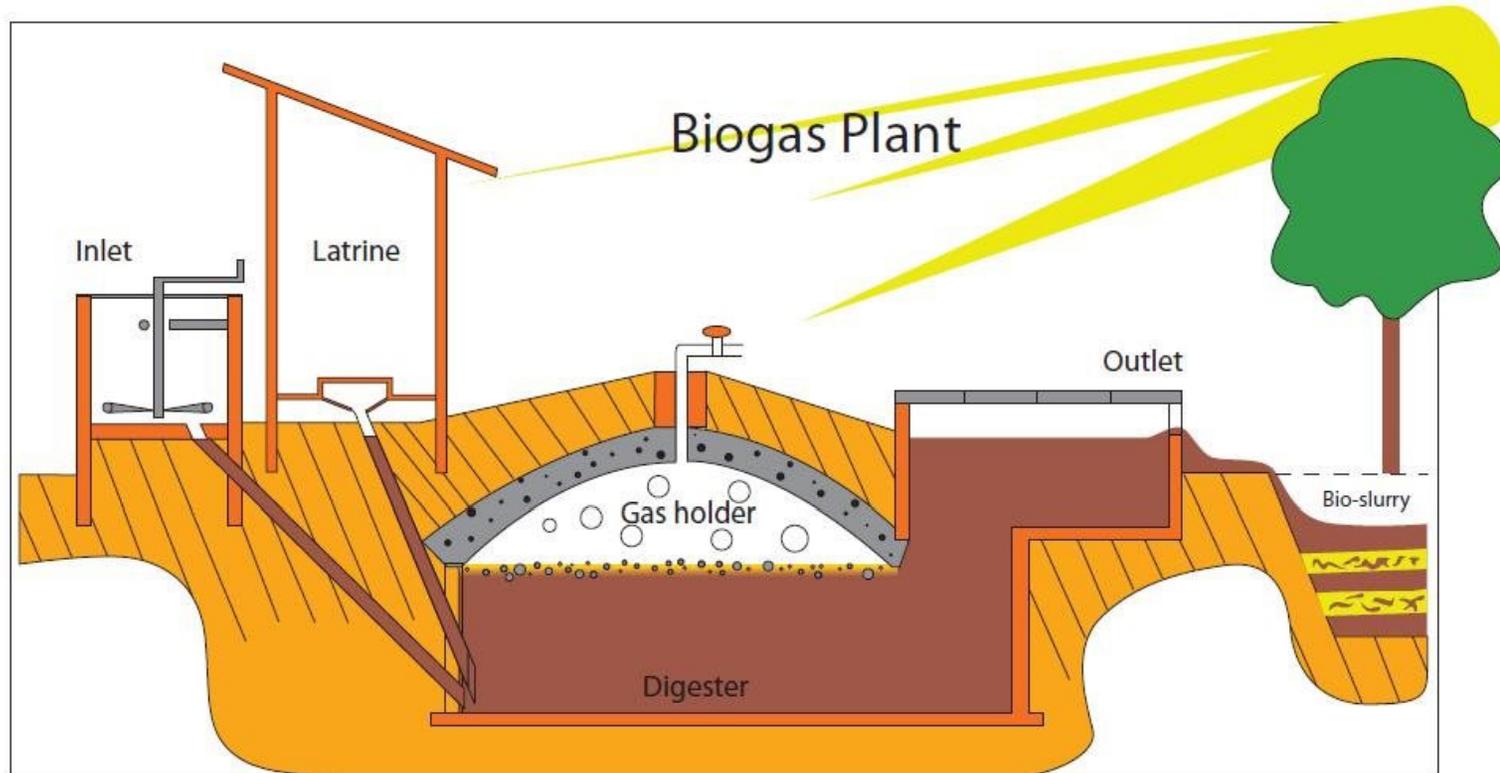
Water



# Water and Fire: Global Similarities

	<b>Water and Sanitation</b>	<b>Energy and smoke</b>
<b>Problem</b>	No access to improved sanitation	No access to improved energy services
<b>People at risk</b>	2.5 Billion	1.9 Billion
<b>Annual premature death toll</b>	3.4 million	4.0 million

# Domestic biodigester



# Key features biogas digester



- Benefits in time and money
  - Investment: 500 USD
  - Savings: 150 USD/year
  - Time savings
  - Rural job creation
  - Reduce chemical fertilizer, pesticides
  - organic fertilizer
  - GHG reductions

# Smoke: the killer in the kitchen, 4 mln (GBD)



# Clean Cooking Solutions



# Domestic biogas and sanitation

Feedstock:

Toilet connection

Feedstock: pig, cow chicken

Anaerobe digestion (AD):

Reduced pathogens

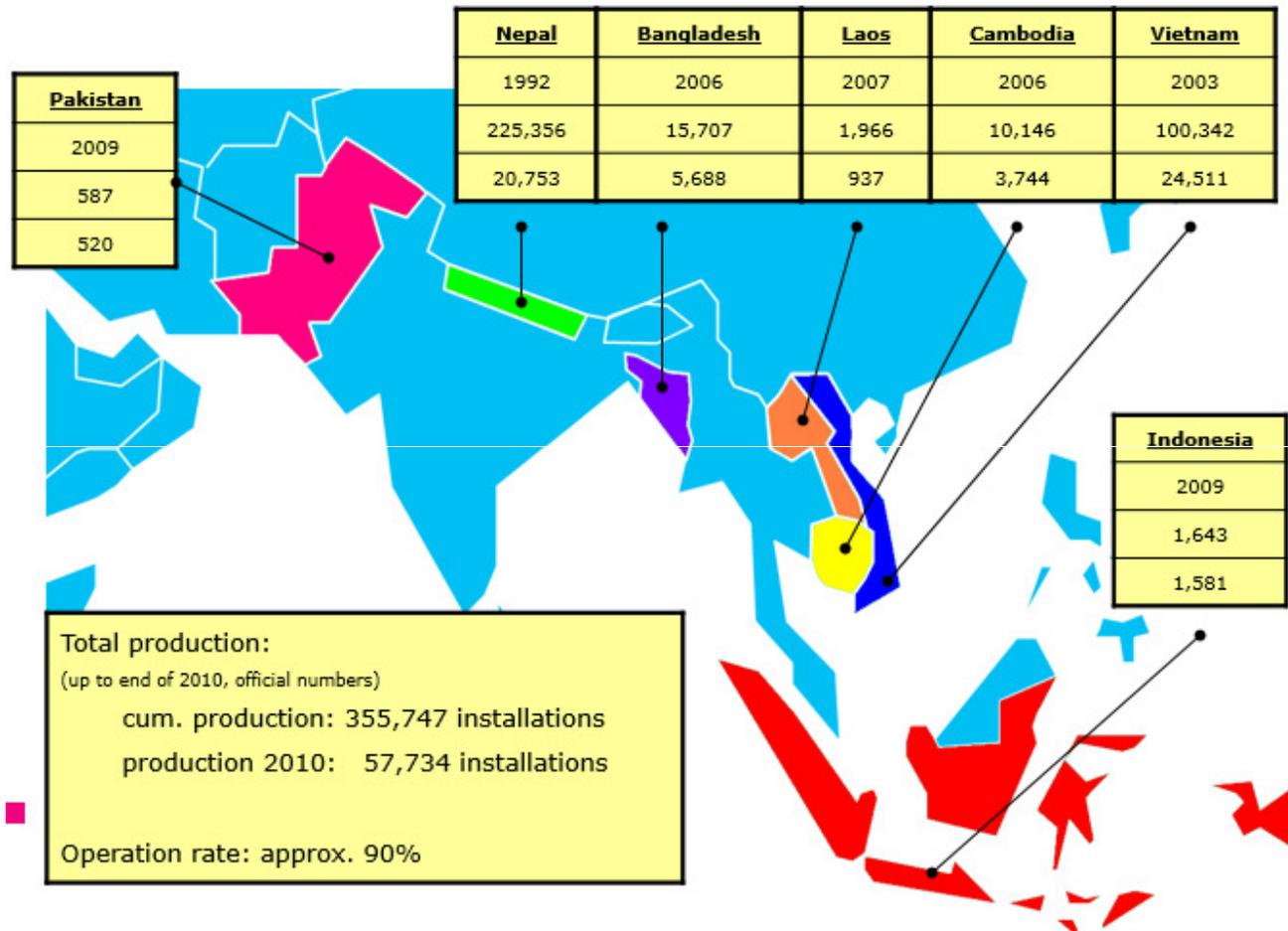
Lowers BOD/COD

Smell and bad odour

# SNV's sector development approach: scaling up mechanisms

- Market based
- Capacity building local actors
- Result oriented
- Multi stakeholder approach

# Upscaling and replication in Asia



# Acknowledgements to SNV and Partners



Thank you very much



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