



Biodigester market development in emerging countries

World Biogas eFestival

21 May 2020





has been building local
capacity since

1965

We work in

30+ Countries

Across three continents

With a global team of

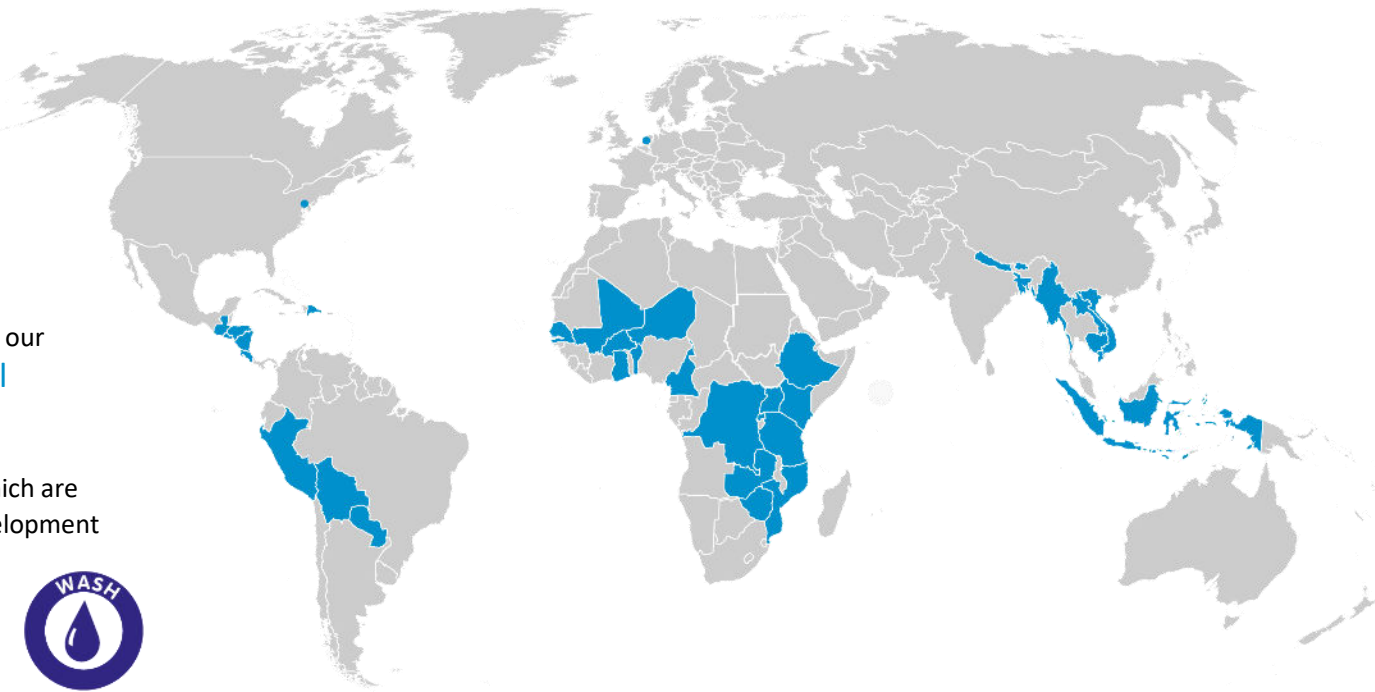
over 1,400 experts

The large majority (>90%) of our

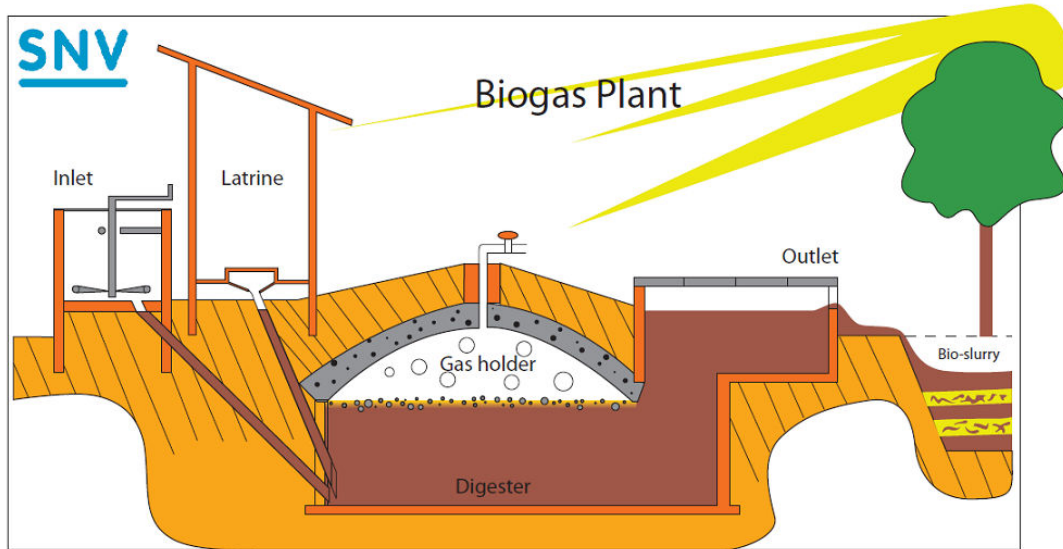
In-country staff is local

We focus on **3 sectors** which are

fundamental to human development

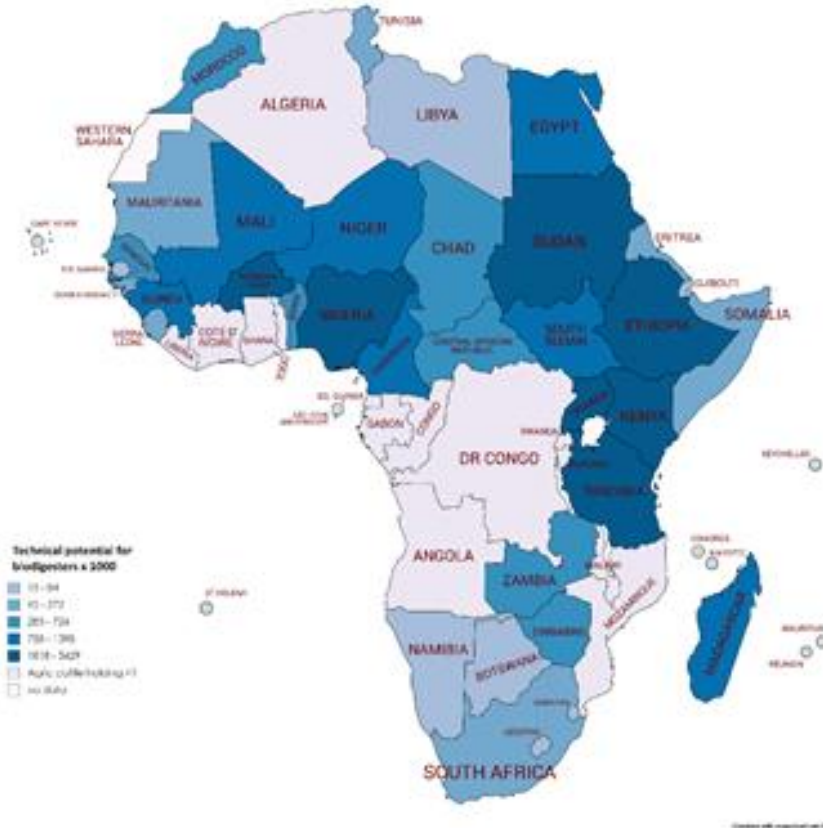


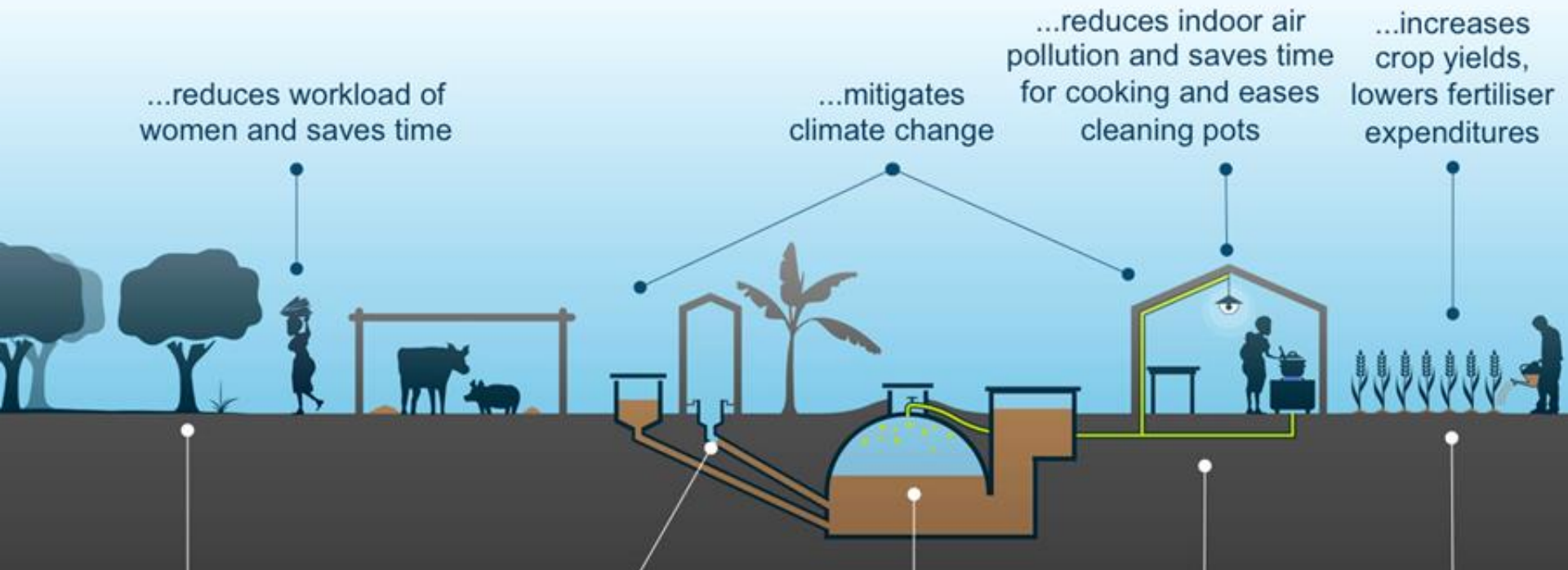
Household biogas technology



- Design: fixed dome (2-20m³), with ample modifications
- Local materials & resources
- Feeding: livestock manure & human excreta (> 20 kg daily)
- USD 300-1,500
- Technical life: > 15 years
- Gas use: cooking/basic lighting
- Bio-slurry: organic fertiliser

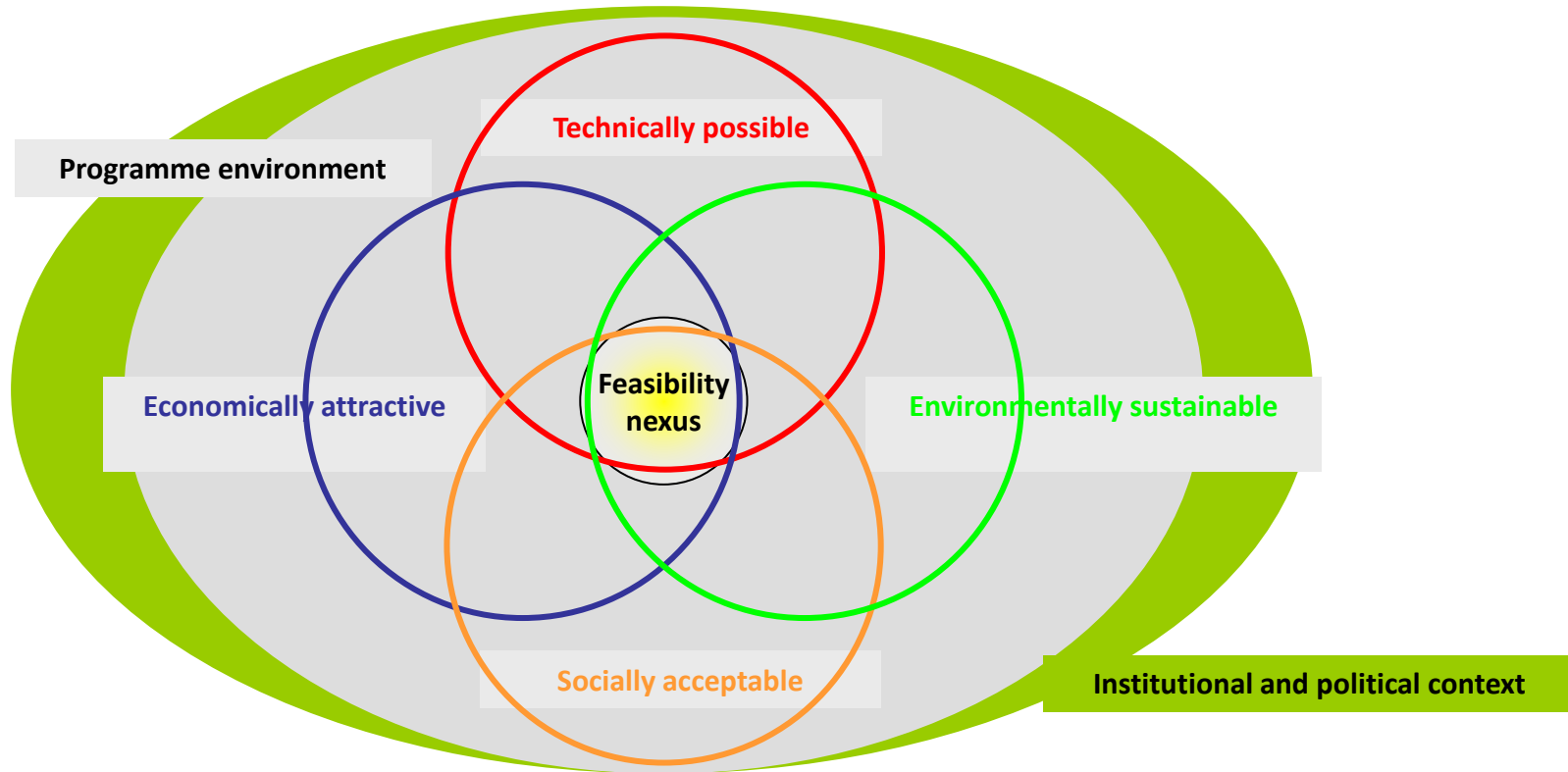
Technical potential of household bio digesters in Africa



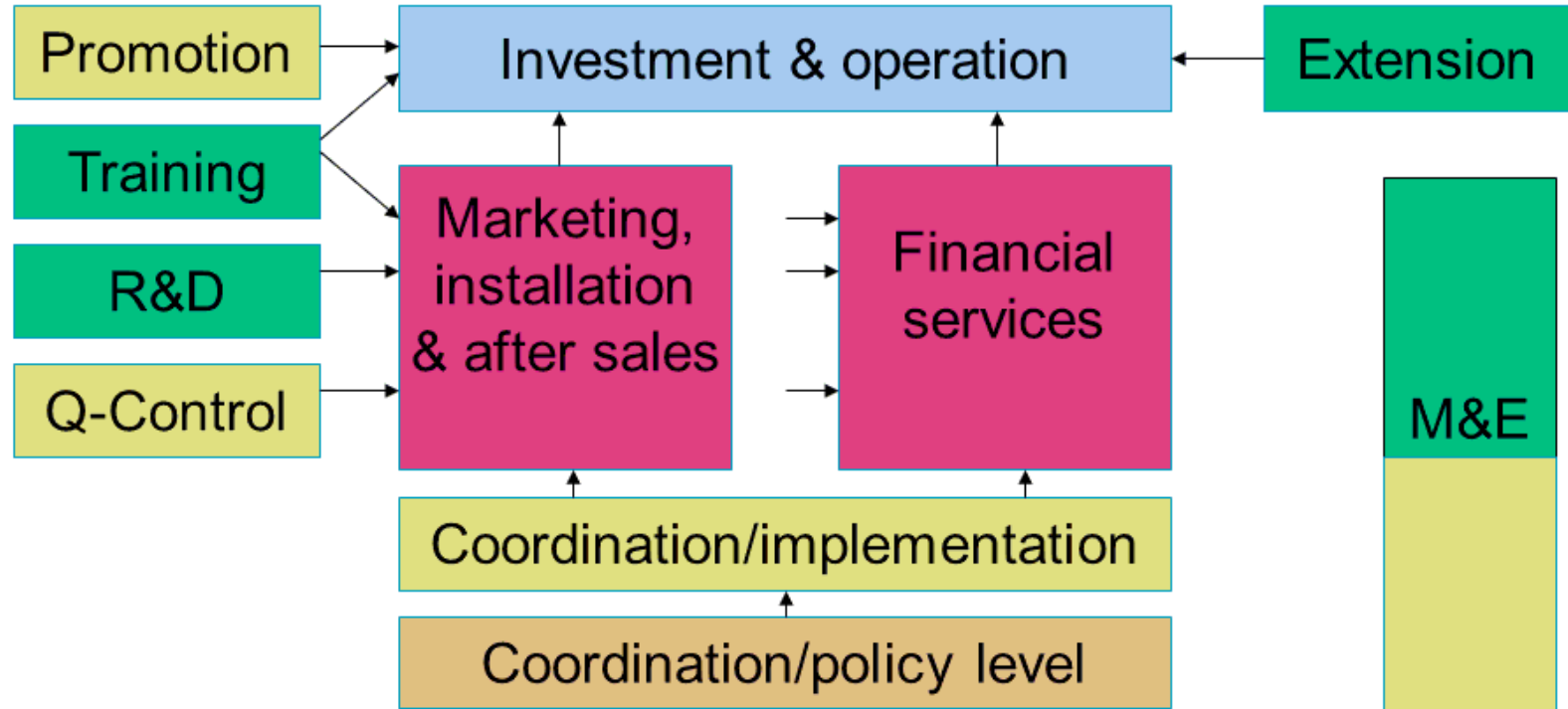


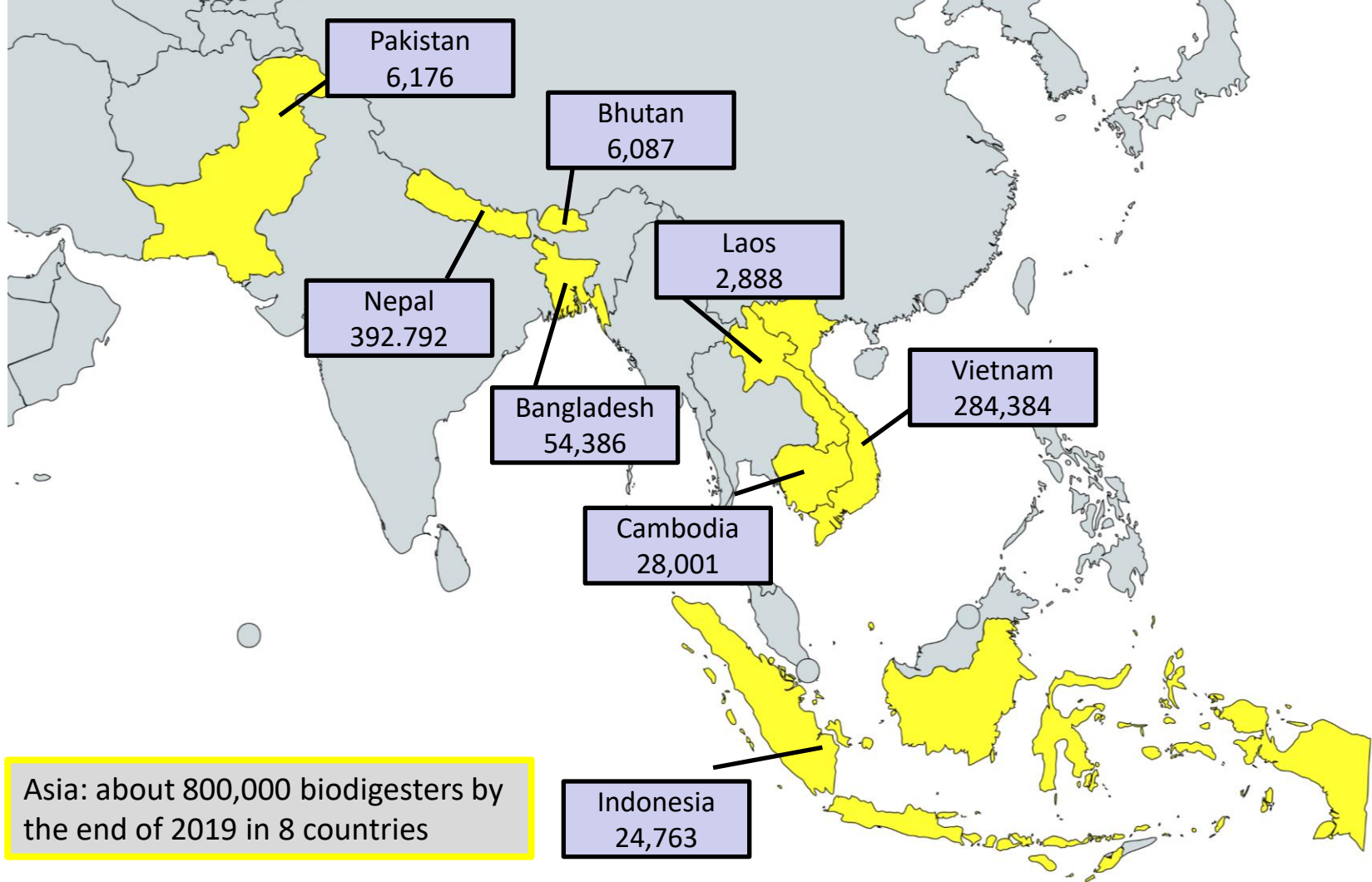
Multiple benefits of household biodigesters

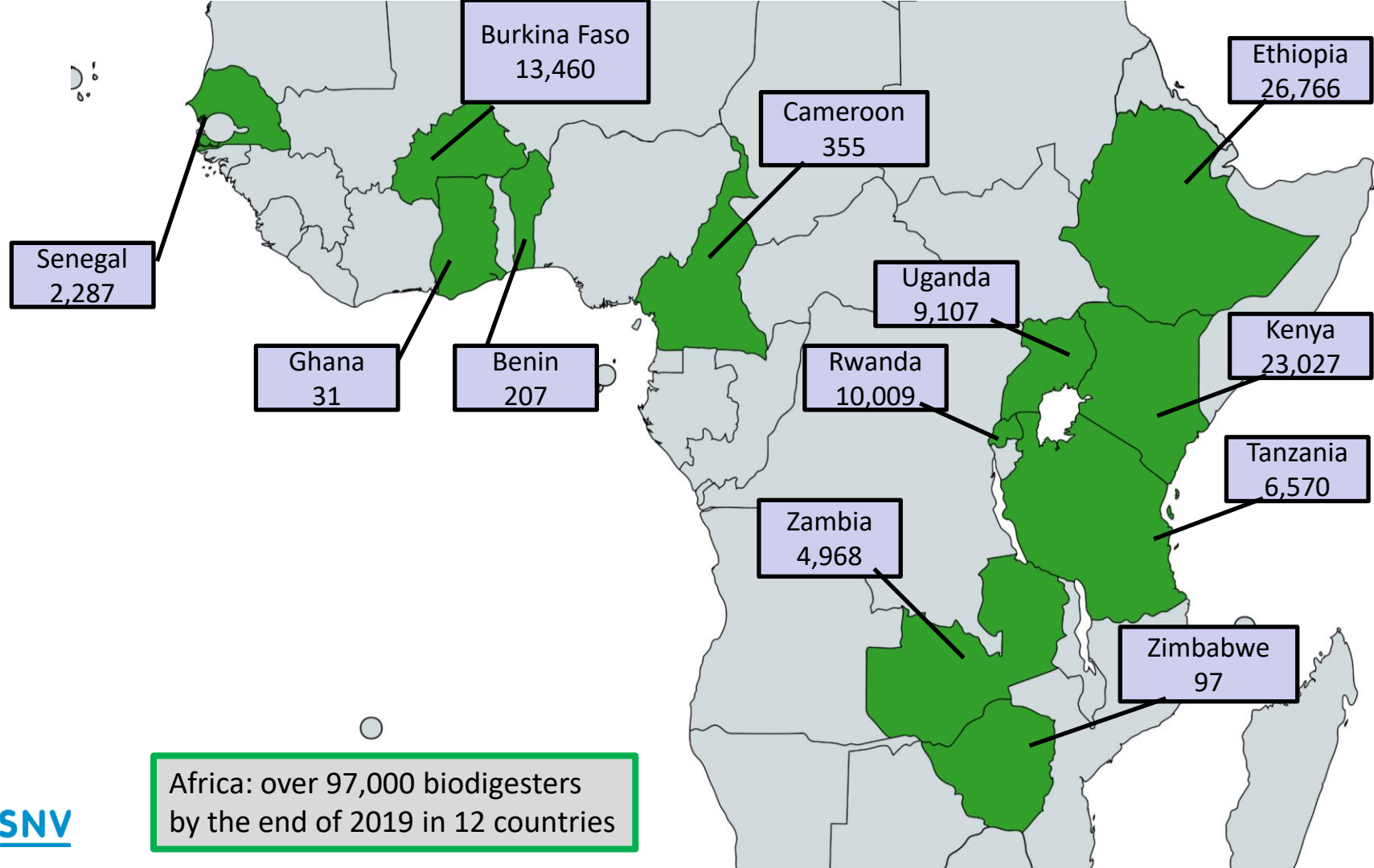
Biodigester sector feasibility nexus

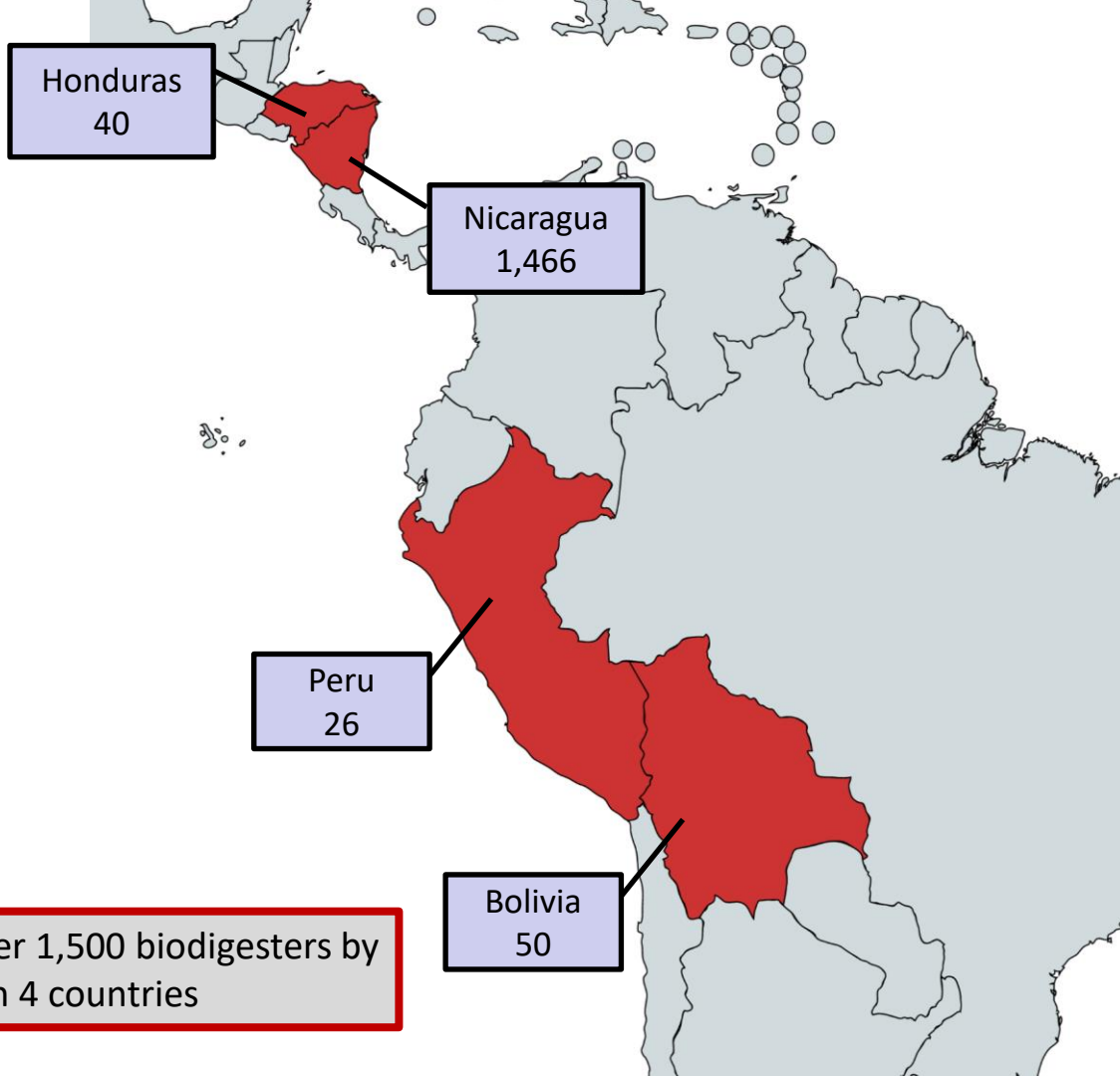


Function model - biodigester sector development









Latin America: over 1,500 biodigesters by the end of 2019 in 4 countries

Market needs and opportunities

- **Impact investors (international and local companies)**
- **Technology providers (pre-manufactured digesters, biogas appliances)**
- **Providers of financial solutions (e.g. PAY-GO)**
- **Research institutes on the value of bio-slurry and –compost for agricultural production**
- **Carbon financiers and brokers**



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