1 World Connected
Data-driven Research to Bring Billions Online

Connecting
the Unconnected

The Vision

- Database of innovative approaches to connect the unconnected – both supply side and demand side

- Case studies and gather empirical data in ways that permit cross-project comparisons

- Controlled trials to measure impact on development

- Present resulting analysis to key decisionmakers in ways that mobilize decisionmakers

- Make all data available via www.1worldconnected.org

Progress to Date

- Database: 1,029 projects spanning 151 countries
  - Country/region, founding year, stakeholder group, technology, domain(s), headquarters, brief description, funding source
- Case studies: 120 interviews spanning 50 countries
  - Four cases with full financial data
  - U.S. studies/related work on municipal fibers
- Fieldwork: Rwanda (economic development, education), Nepal (health), Vanuatu (health, education) trials
- Dissemination: 40 events in 12 countries

Compiled Case Studies by Domain

- Africa 47
- Asia 29
- North America 14
- Latin America 12
- Europe 8
- Oceania 4
- Mixed 2

- Supply-side 39
- Demand-side 65
- Both 7

- Education 38
- Community network 24
- Commercial deployment 21
- Gender 15
- Health care 14
- Agriculture 10
- E-government 8
- Zero rating 4
- Financial inclusion 3
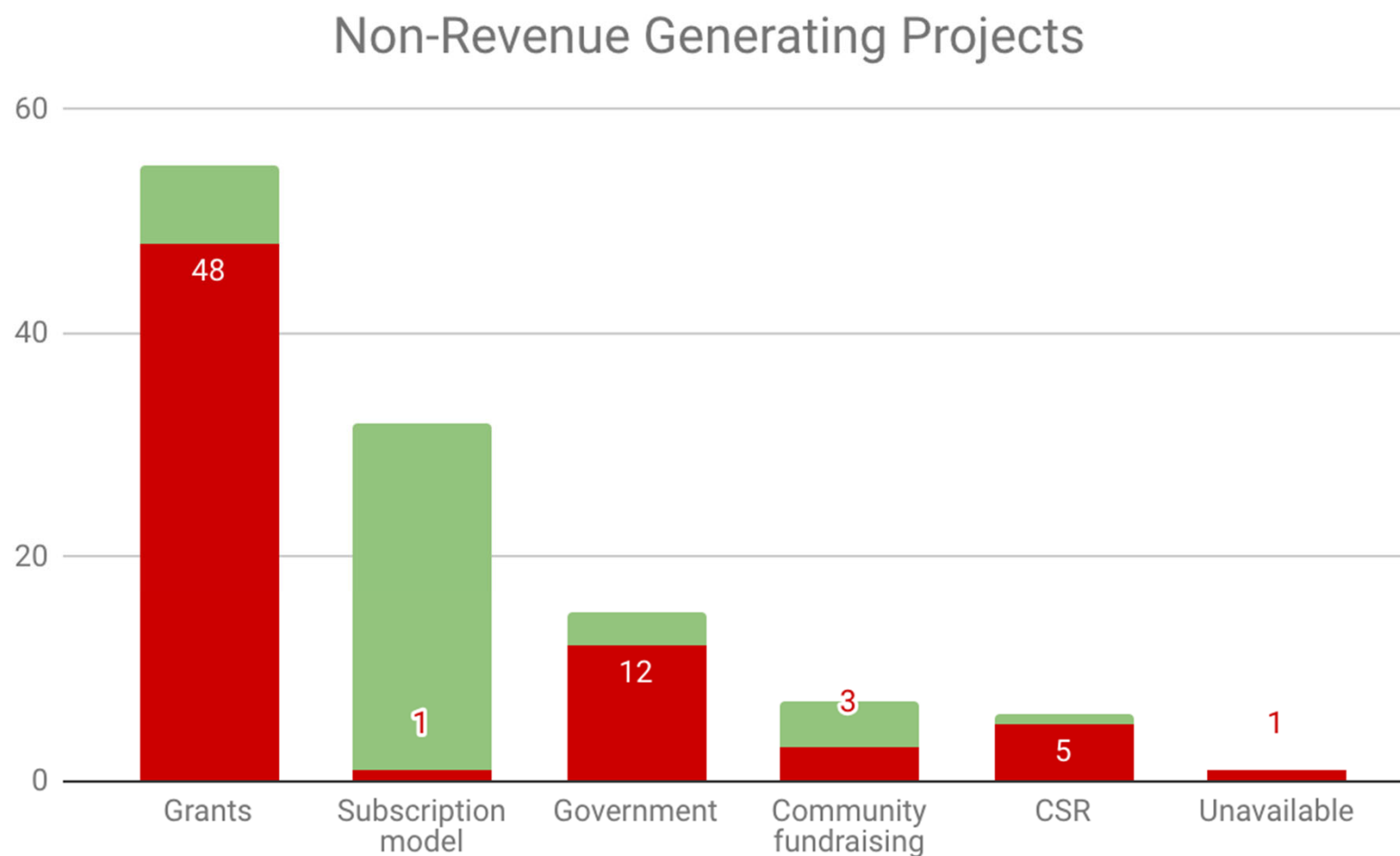- Local content 2
- Accessibility 2
- 5G fixed wireless 1

Projects with Revenue Sources

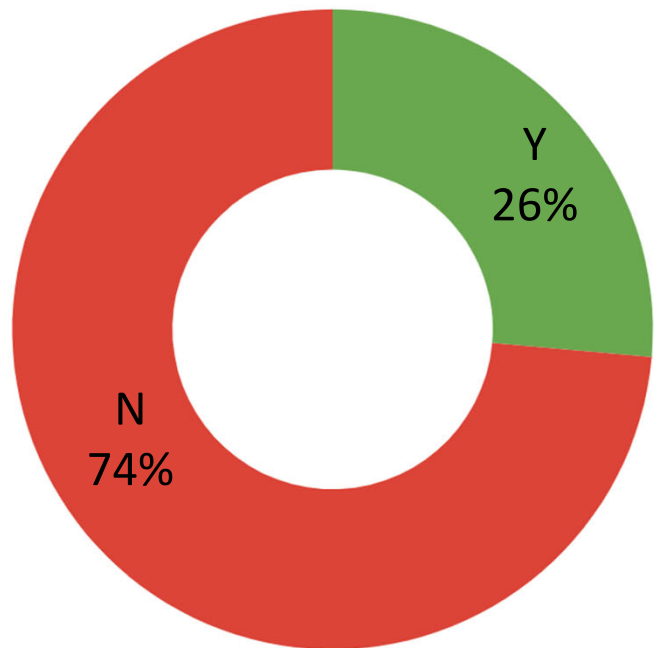Most projects do
not have a revenue
generation model

Y
38%

N
62%
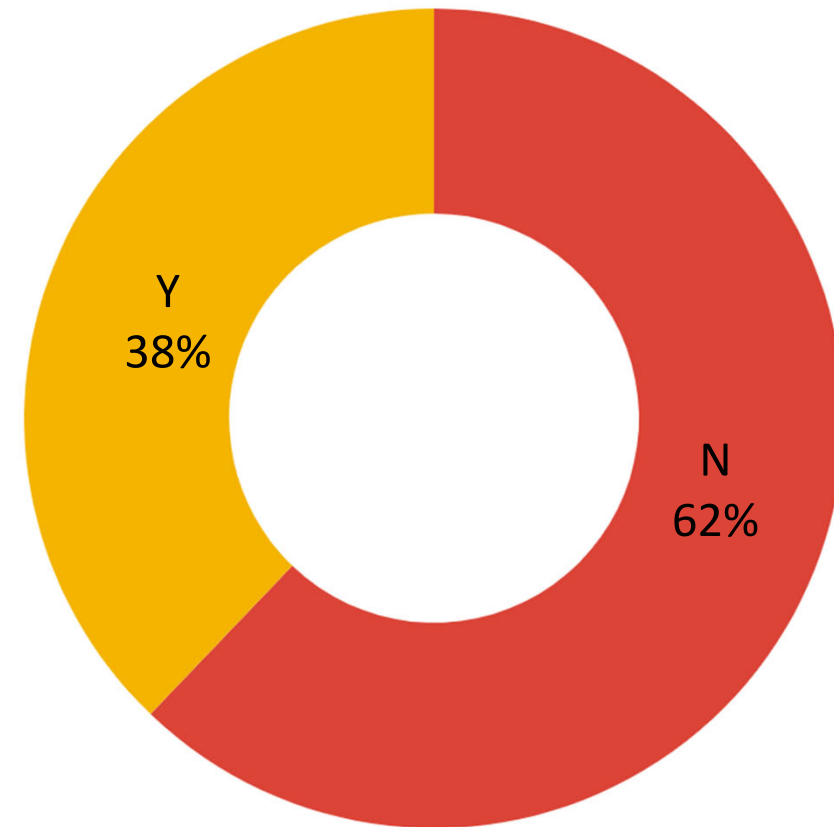
Sources of Funding

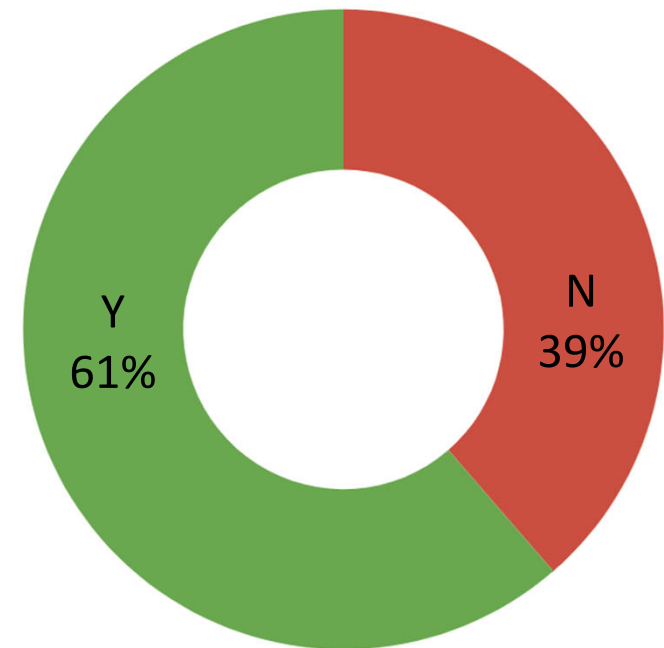The most problematic examples are grant-funded with no sources of revenue: 48/55 grant-funded projects have no revenue

Non-Revenue Generating Projects

Grants	48
Subscription model	1
Government	12
Community fundraising	3
CSR	5
Unavailable	1

Revenue Sources

Problem driven by demand-side initiatives focusing on digital skills training

Demand-side Projects: Revenue Generation

Y 26%
N 74%

Supply-side Projects: Revenue Generation

N 39%
Y 61%

Controlled Trials

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- **Nepal**

  Healthcare

- **Rwanda**

  Education,
  Economic
  Development

- **Vanuatu**

  Health, Education

Future Work

- Finish cost/financial analysis (esp. scenario based)

- Conduct content analysis of big data base

- Refine impact criteria for demand-side interventions

- Assess business models (white spaces, anchor institutions)

- *Finish controlled trials*

- Create focused analyses (esp. U.S., verticals)

- Ramp up dissemination to development banks/impact investing community