

U.S. GLOBAL DEVELOPMENT LAB



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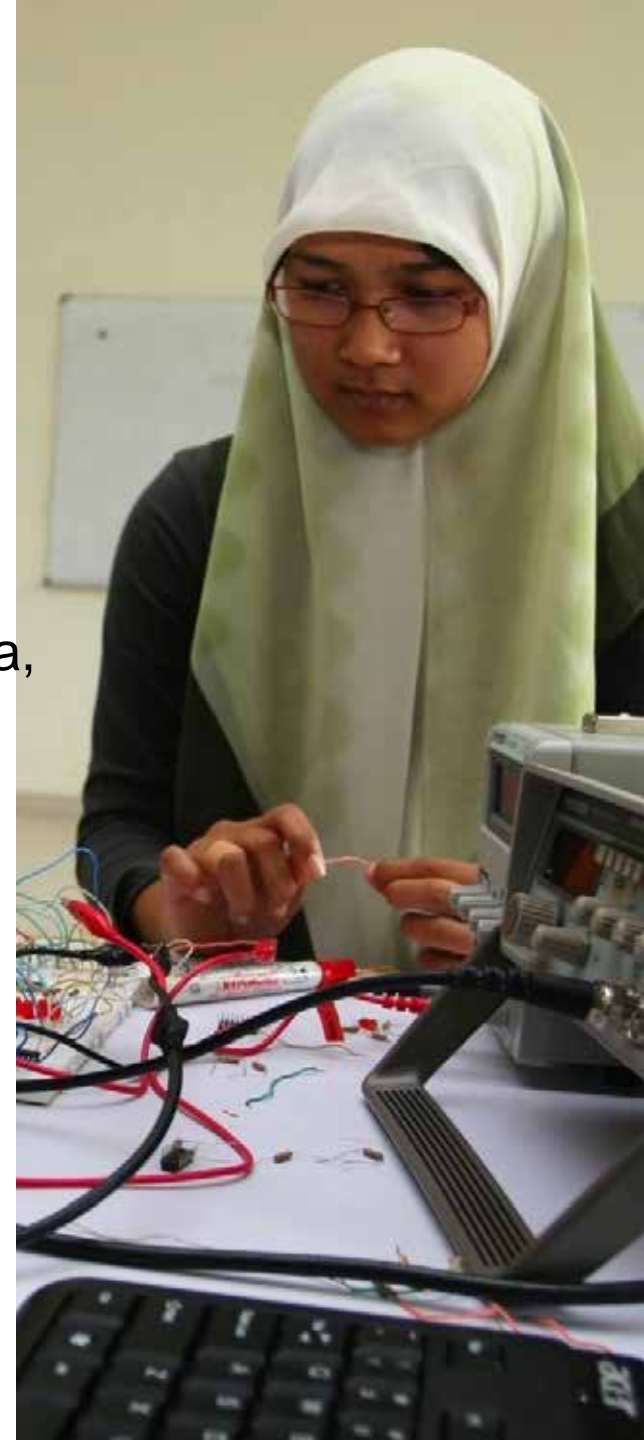
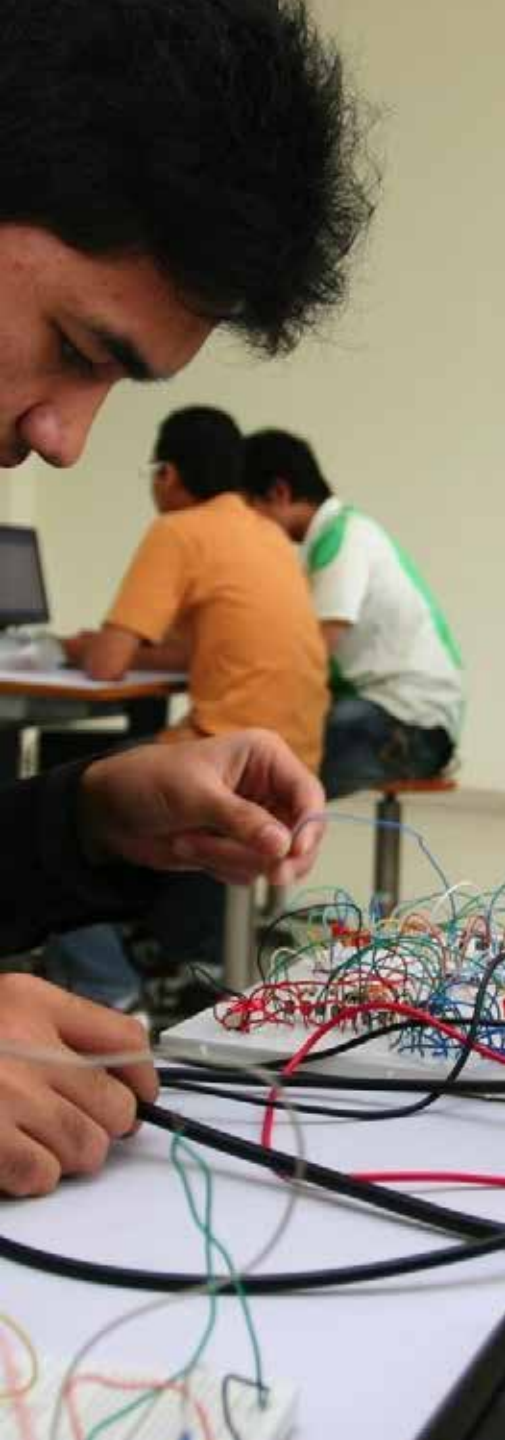
WE CAN END THE NEED FOR FOREIGN ASSISTANCE

- New scientific and technological breakthroughs
- Digital and data revolution advances the way we communicate and share information and ideas
- Private resource flows to developing countries dwarf official development assistance



Development is Changing

- Private resource flows to developing countries dwarf official development assistance
- Science, technology, big data, and communications advances are accelerating
- Boundaries of 'development sector' as we know it are disappearing
- All segments of American society– demonstrating desire to engage in global challenges



TWO PART MISSION OF THE LAB

GUIDING PRINCIPLES



OPEN AND INCLUSIVE

Drawing upon the ingenuity of people from around the world.



EVIDENCE-BASED

Investing based on strong evidence of impact.



CATALYTIC

Attracting the support of others to enable sustainable development solutions that reach massive scale.



AGILE

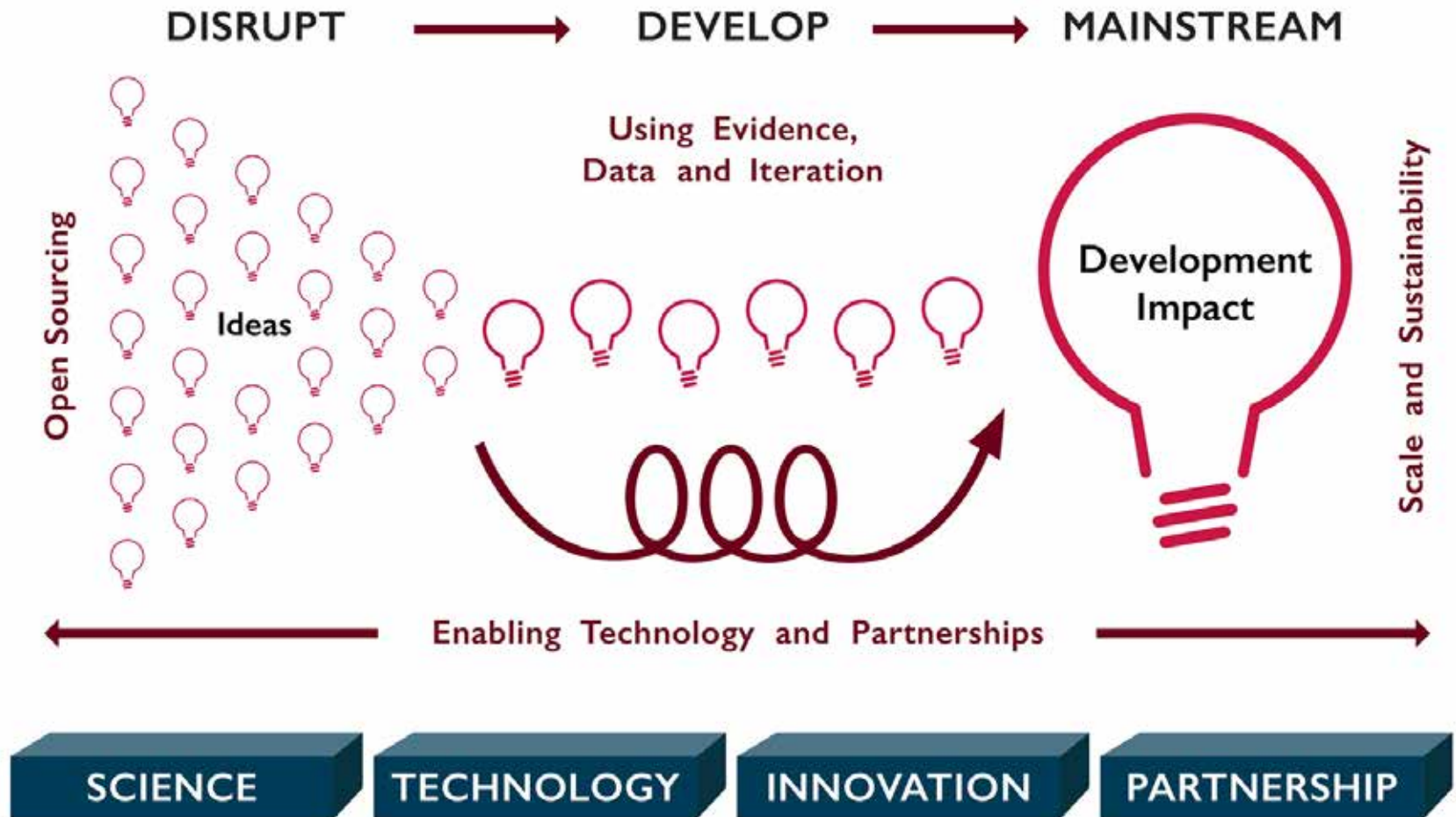
Creating fast feedback loops that enable continuous learning and performance improvement.



FLEXIBILITY

Serving as a cross-sectoral change agent, applying the best tools and approaches to complex problems.

A NEW MODEL OF GLOBAL DEVELOPMENT



DIGITAL DEVELOPMENT

Core Programs

Digital Finance
Digital Inclusion

GeoCenter
Development Informatics

Key Outcomes

Growing an inclusive digital economy: Lab support to partnerships and policy around digital technology has led to over 45 million people gaining access to the Internet.

Mainstreaming digital & data approaches in USAID: The Lab's GeoCenter has supported 80 Missions in applying geographic analysis to improve strategic planning and project design.



INNOVATION

Core Programs

Development Innovation Ventures (DIV)
Grand Challenges for Development (GCDs) and Prizes
Innovation Design Services (iDesign)

Key Outcomes

Supporting breakthrough innovations: Lab innovation programs have fostered 1000+ innovations that have improved the lives of 120 million people.

Bringing new ideas to development: Of the almost 25,000 applications submitted to challenges, open calls and prizes since 2014, 55% were local innovators and 71% had never worked with USAID before.



R&D FOR DEVELOPMENT

Core Programs

Higher Education Solutions Network (HESN)
Science Fellowships



Key Outcomes

Building global research capacity for local solutions: Lab science programs have built a global research network of more than 1,100 partners from 82 countries.

Advancing research to improve programs and policy: Lab programs have supported 275 collaborative research projects in 54 countries, resulting in 750 research products and significant policy changes.

PRIVATE SECTOR ENGAGEMENT

Core Programs

Partnership Advisory Services (e.g., Global Development Alliances, GDAs)
Partnering to Accelerate Entrepreneurship (PACE)

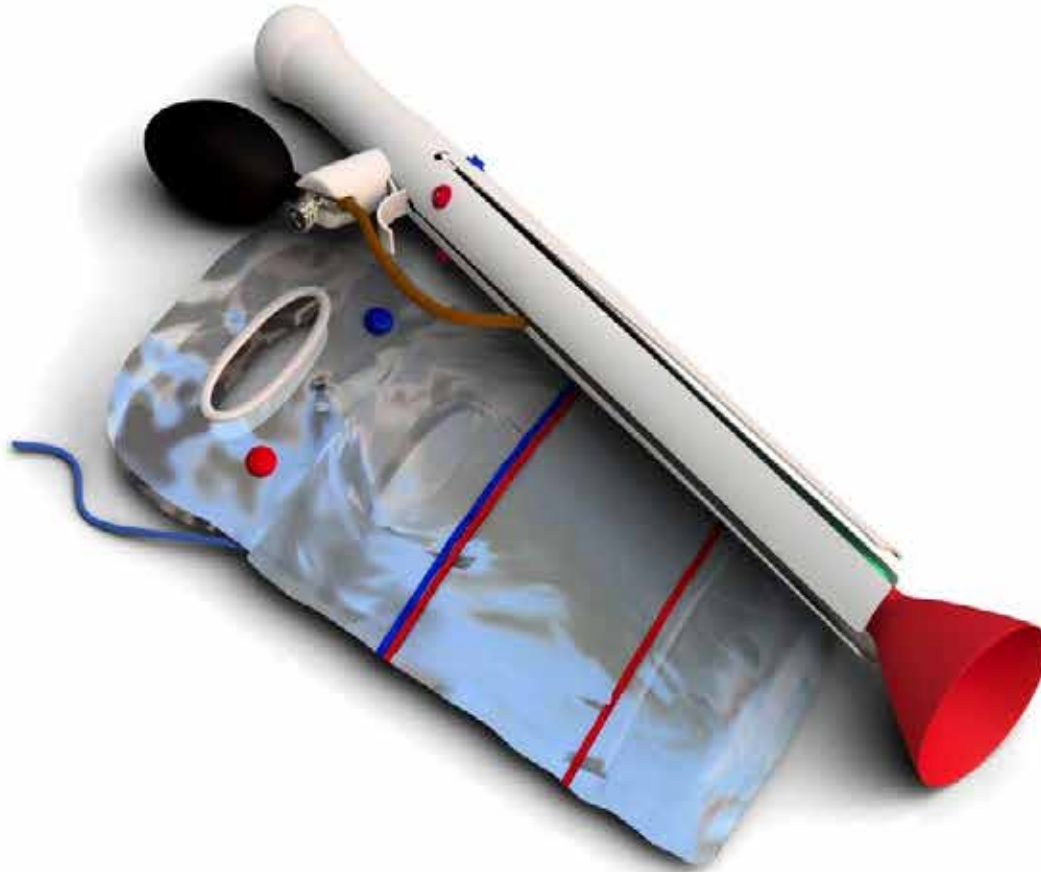
Key Outcomes

Leveraging the private sector towards shared goals: In the past 15 years, USAID has built more than 1,600 partnerships with the private sector, expecting to leverage more than \$16 billion in public and private funds.

Catalyzing investment for entrepreneurs: Through 2019, Lab programs have catalyzed over \$800 million in follow-on funding from the private sector for entrepreneurs and innovators.



3 GOOD HEALTH



Odon Device





Making Water Safer – Kenya, Uganda, Malawi



The REST **survived**
the matatu accident

A **careless** MATAYI
driver is your wake up call!
STAND UP. SPEAK UP.

WE WILL THE BEST OF THE WHEELS DRIVE

Safaricom



CALL UP 010

This message has been given in the interest of passenger safety with support from

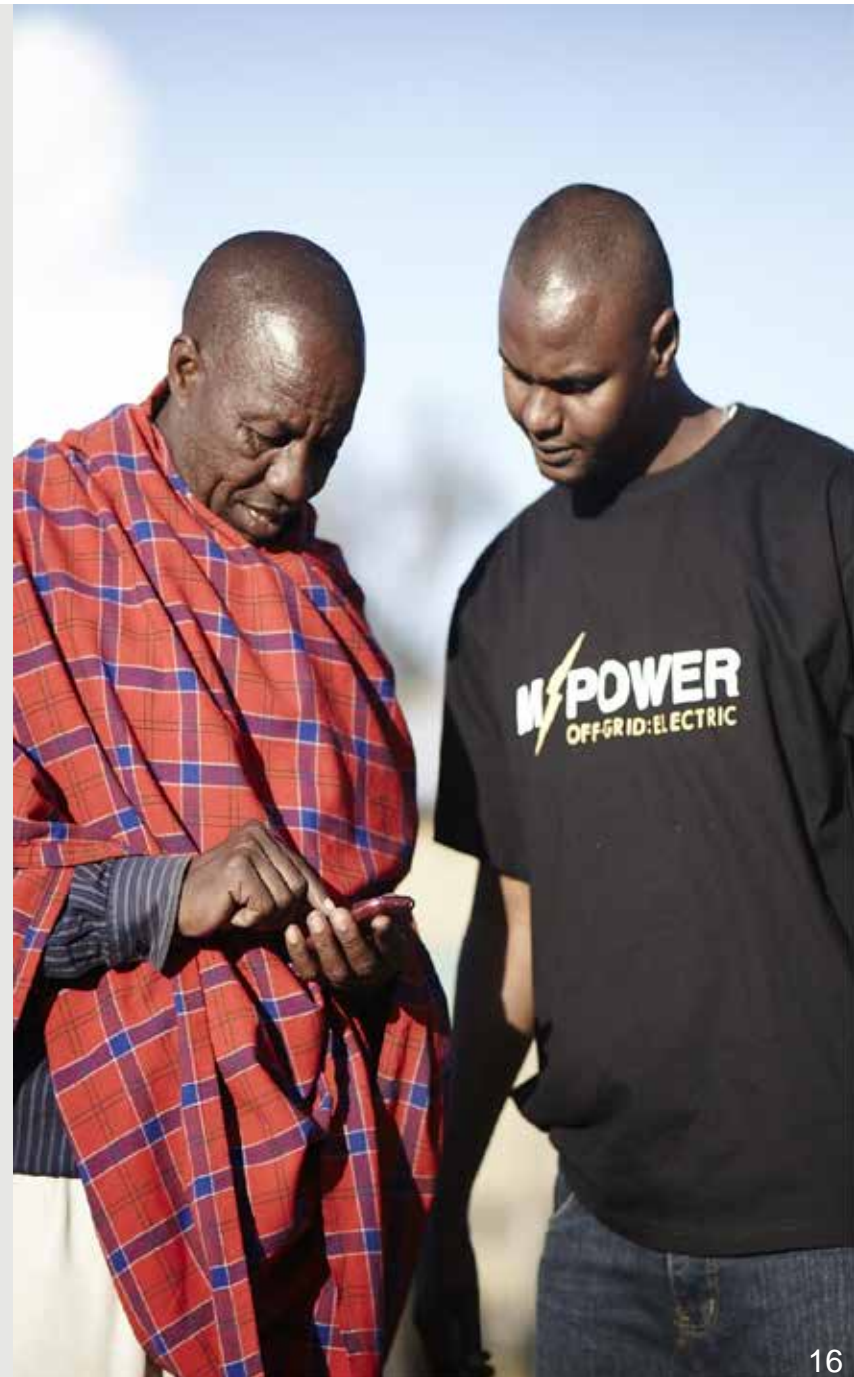
PKA

OUTRAGE



SUCCESS: HELPINGS Small Business SUCCEED

- Using a Grand Challenge to Scale-Off Energy (SOGE), USAID and partners are helping entrepreneurs explore new products & business models , building markets to connect **20M households** to affordable electricity.
- To-date, **\$200M+ private capital mobilized** for 45+ investments in off-grid enterprises across 20 countries.
- Many of these businesses explicitly **address youth bulge challenges** : E.g, Village Energy in Uganda prioritizes local youth employment, growing to 115 staff and 4,000 solar system installations.



SUCCESS: EXPANDING CONNECTIVITY IN INDONESIA

USAID helped draft and launch Indonesia's 5-year national broadband plan

- **Unlocked \$130 million** from the country's Universal Service Fund.
- Estimated to generate **\$23 billion in affordable internet** to underserved schools, local governments, and rural health clinics.
- Government has a 10 year plan to **connect 74,000 communities** using new, low cost technologies based on USAID pilot, and is currently replicating in 800 new sites.
- As a result of the new broadband plan, **US businesses, including Google, Facebook, and Microsoft, are now able to scale innovative connectivity pilots in rural areas** for the first time.



SUCCESS: WATER & AGRICULTURAL INNOVATION

Global call for best new Water for Ag ideas, funds only what proves to work

- Securing Water For Food innovators has **saved 10 billion liters of water, produced 2.7 million tons of food**, and **reached more than 3 million farmers**
- **Results based funding** - 35% of awards ended when awardees were unable to meet performance benchmarks
- Adaptive Symbiotic Technologies new BioEnsure treatment helps crops grow in difficult conditions and **use 50% less water**, supporting sustainable ag livelihoods and reducing insecurity over water
- Ignitia sends daily, customized weather forecasts and weather warnings to farmers' mobile phones to help small-scale farmers **predict water availability** and optimize food production



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