



# 1 World Connected

Data-driven Research to Bring Billions Online

A photograph of four children of diverse backgrounds gathered around a laptop. They are all smiling and looking intently at the screen. The child in the center is holding a banana. The background is a simple, light-colored wall.

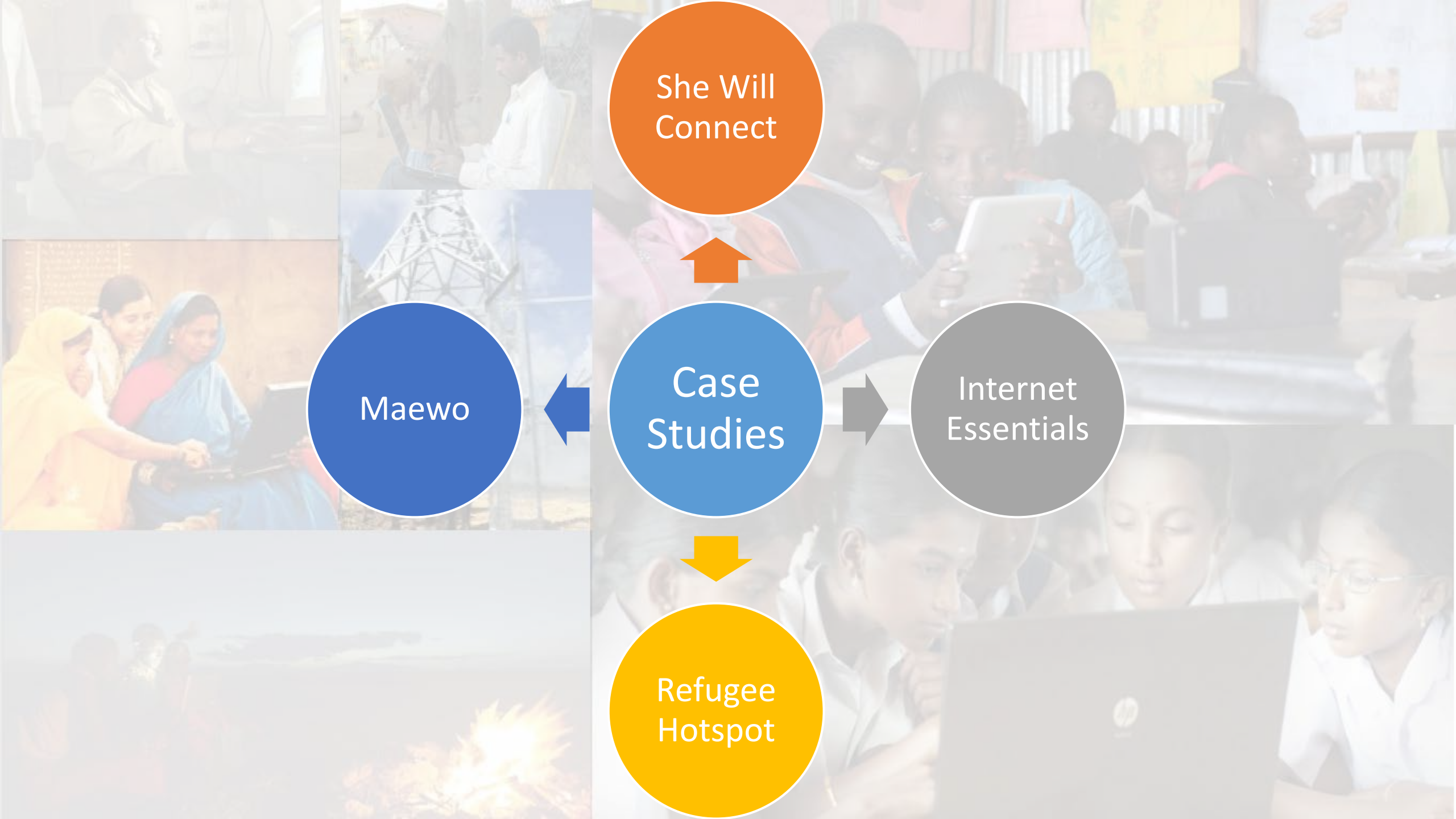
Connecting  
the Unconnected

# The Challenge

- Internet adoption rates are slowing all over the world, including in Africa and Asia
- Governments, businesses, and public interest organizations are experimenting with numerous ways to surmount those barriers
- No one is conducting a systematic analysis of the effectiveness of these efforts or validating them empirically

# 1 World Connected

- Is a three-year research project to systematically catalog and analyze the effectiveness of current supply-side and demand-side initiatives to connect the next billion
- Aims to develop key learnings about the circumstances under which various approaches are most likely to be effective
- Engages key decision makers to disseminate key learnings and showcase our findings



She Will  
Connect



Maewo



Case  
Studies



Internet  
Essentials



Refugee  
Hotspot



# Kenya, Nigeria, South Africa: Intel She Will Connect

- Closing the gender access gap in Africa through digital literacy training
- Uses modules to teach women with no technical skills how to use the Internet
- Partners with local organizations to provide training to women in community centers
- Offers an online peer network for women to connect on common interests and find mentors

Trained  
150,000  
women

Created app  
that makes  
training  
interactive  
and mobile

Empowered  
women  
entrepreneur  
s to expand  
their  
businesses

Enabled  
professionals  
and college  
students to  
expand their  
skills



# The Netherlands: Refugee Hotspot

- Provides undocumented migrants and refugees with rate-limited 50 kbps wireless connections
- Employs hacked Raspberry Pi 3s and 3G dongles to support wireless Internet connectivity
- Provides key areas with fixed-line broadband access
- Funded through donations

Provides refugees with wireless and fixed-line connectivity

Protects privacy of users

Uses cooperatively developed open source code

Aspires to expand into Germany and Belgium



## Vanuatu: Maewo Telecommunications Committee

- **Community-owned and funded initiative to provide broadband connectivity on the island of Maewo**
- **Combination of satellite backhaul and wireless last-mile connectivity to provide speeds of 15 Mbps**
- **Establishment of a telemedicine center to connect to hospitals two days away**
- **Connectivity provided for a school, a health center, and other villages**

Provides telemedicine access to healthcare for 2,600 people

Set up a network for the school and the health center for US\$ 6,000

Convinced regulator to free up the 900 MHz band

Link to the first real-time updates from outside the island

# How You Can Help

- Join our mailing list: [dc\\_connectingtheunconnected@intgovforum.org](mailto:dc_connectingtheunconnected@intgovforum.org)
- Provide us with data for more case studies
- Give us feedback on data we have already collected
- Spread the word
  - Website: [1worldconnected.org](http://1worldconnected.org)
  - Facebook: [@1worldconnected](#)
  - Twitter: [1\\_WorldConnect](#)
  - Instagram: [1worldconnected](#)
  - YouTube: [1 World Connected](#)



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**Thank you!**