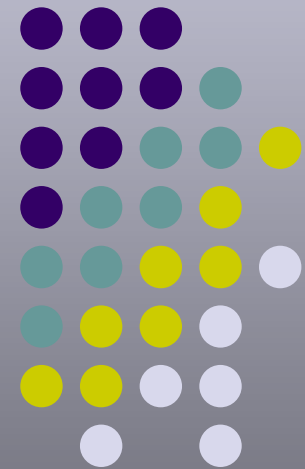# USAID e-Health

Using Information and Communication Technology for Health Development

Foreign Assistance Framework

- **Investing in People**
  - Peace and Security
- Governing Justly and Democratically
  - Humanitarian assistance
  - Economic Growth

Presented by

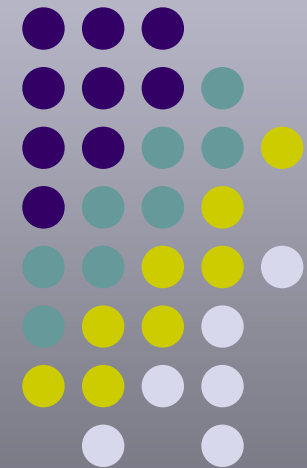Stephen Settimi, USAID Sr. Advisor, ICT4D/Knowledge Management

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Underlying Challenges in LDCs
(Less Developed Countries)

A Demanding International Development Environment

- Human Capacity
- Material Resources
- Capital markets
- Institutional Capacity
- Geo-Physical Location
- Political stability

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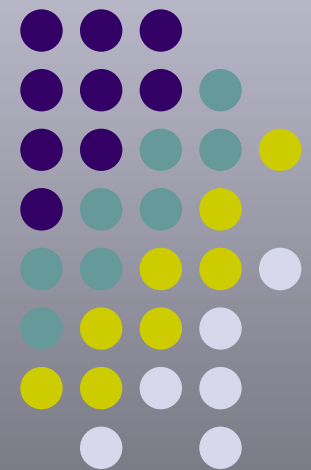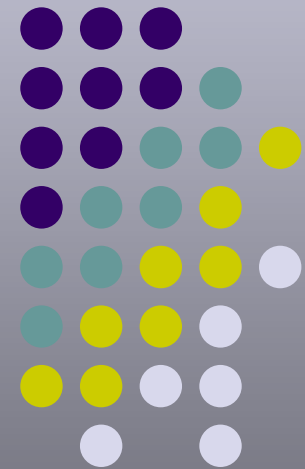Aid Agencies in Promoting Better Health in the Developing World

Places we work…

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Other places we work…

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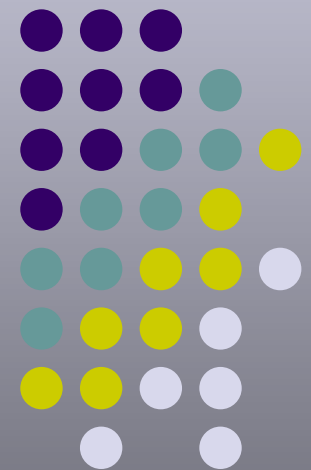Aid Agencies in Promoting Better Health in the Developing World

USAID HIT Activities

- Handling surveillance and epidemiological information
- Disseminating public health information
- Facilitating the management of health services
- Accessing and evaluating knowledge and medical literature
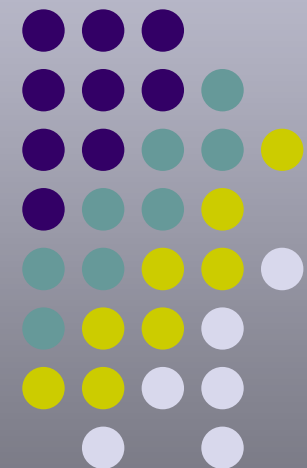- Expanding access to diagnostic and prognostic information in the treatment of patients

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USAID -eHealth
Field use of Information Technology

Over the past 2 years, has the USAID program in your country supported any of the following functions using electronic "information technologies" of any kind?	YES
-disease surveillance	62%
-tabulation/transmission of service statistics	58%
-budgeting or financial reporting	58%
-logistical data – inventory, shipments	53%
-personnel management	15%
-ordering commodities	53%
-patient referrals	26%
-remote medical consultations	1%
-patient medical records	34%
-distance education/training of staff	43%

Over the past two years, has the USAID Health program in your country made use of any of the following technologies?	YES
-Rural telephones or cell phones	55%
-Two way radios	42%
-Desktop Computers	91%
-Laptop computers	75%
-Personal Digital Assistants (eg. Palm Pilots)	19%
-Wireless transmission – WiFi	11%
-Internet	87%
-GIS	53%

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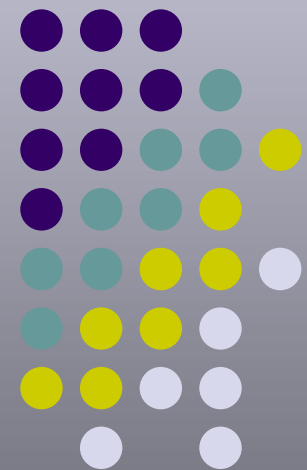Aid Agencies in Promoting Better Health in the Developing World

Places we work…

USAID e-Health in Bolivia

Reproductive Health Project is supporting the development of
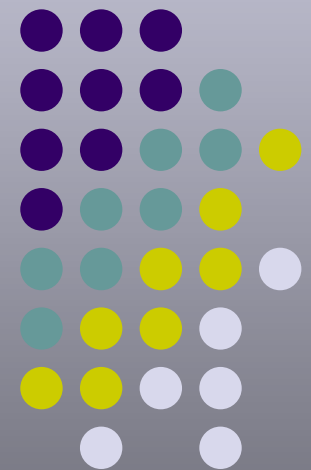
- **technology-assisted learning centers linked to a trainer network**.

- **cost recovery mechanisms and work toward sustainability**.

- **Central Learning and Performance Support Office works closely with regional office staff and host institutions,** using technology tools such as a needs assessment questionnaire, to set up processes that both fulfill immediate needs and provide for long-term sustainability. (JHPIEGO in partnership with USAID)

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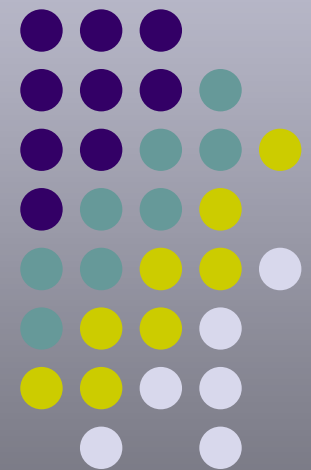
Places we work…

USAID e-Health in Albania

- **Participatory approach** in reforming and **strengthening** the primary health care delivery system.
- **Bottom-up approach**, pilot effort to produce evidence for **informed decision-making at the local and central level**.
- **Health Information System (HIS**). Every patient encounter is entered on a form, read directly by a scanner, and transformed into data. This tracks patient demand and facility utilization, diagnosis, prescription, and referrals, etc.
- **Regularly discussed results…strengthening accountability and transparency of the local health system.**

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USAID e-Health

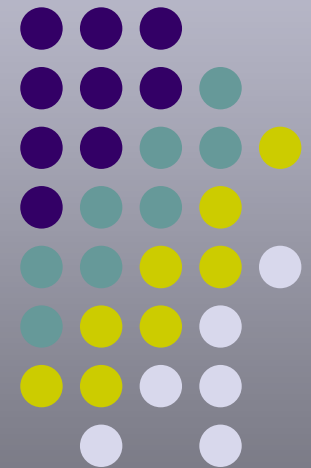## Other examples of partnerships…

- DOT-COM Alliance partnerships in Health

  Nepal

  Myanmar

- United States Telecommunications

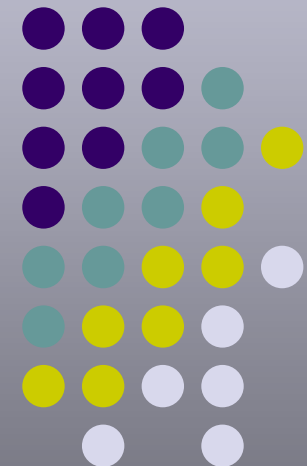 Training Institute (USTTI)

- Johns Hopkins INFO Project

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USAID -eHealth

On the Horizon…

- More leveraging of existing technology

- Promotion of enabling technology and capable partners

  - **WiMax**

  - **VSAT**

  - **Point-to-Point broadband cellular**

  - **WiFi**

  - **Other Cellular (SMS)**

- Improvements to health care access

  - **open knowledge sharing**

  - **personal health care knowledge and practice**

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…Thank you.

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- http://ustti.org/
- http://www.infoforhealth.com
- http://www.usaid.gov/our_work/economic_growth_and_trade/info_technology/index.html
- http://www.state.gov/documents/organization/69012.pdf#search=%22foreign%20assitance%20framework%22
- Photos from Http://www.PhotoShare.org