



**Development Outcomes
with Information and
Communication
Technologies**

**Edith Adera – IDRC
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Future?

- Open Societies
- “Development as Freedom”
- Choice and capabilities
- The role of ICTs in this.....



Incremental change in ICT4D



- Layers of infrastructure:
 - Access
 - Then production of applications
 - Eventually societal change through access to information services

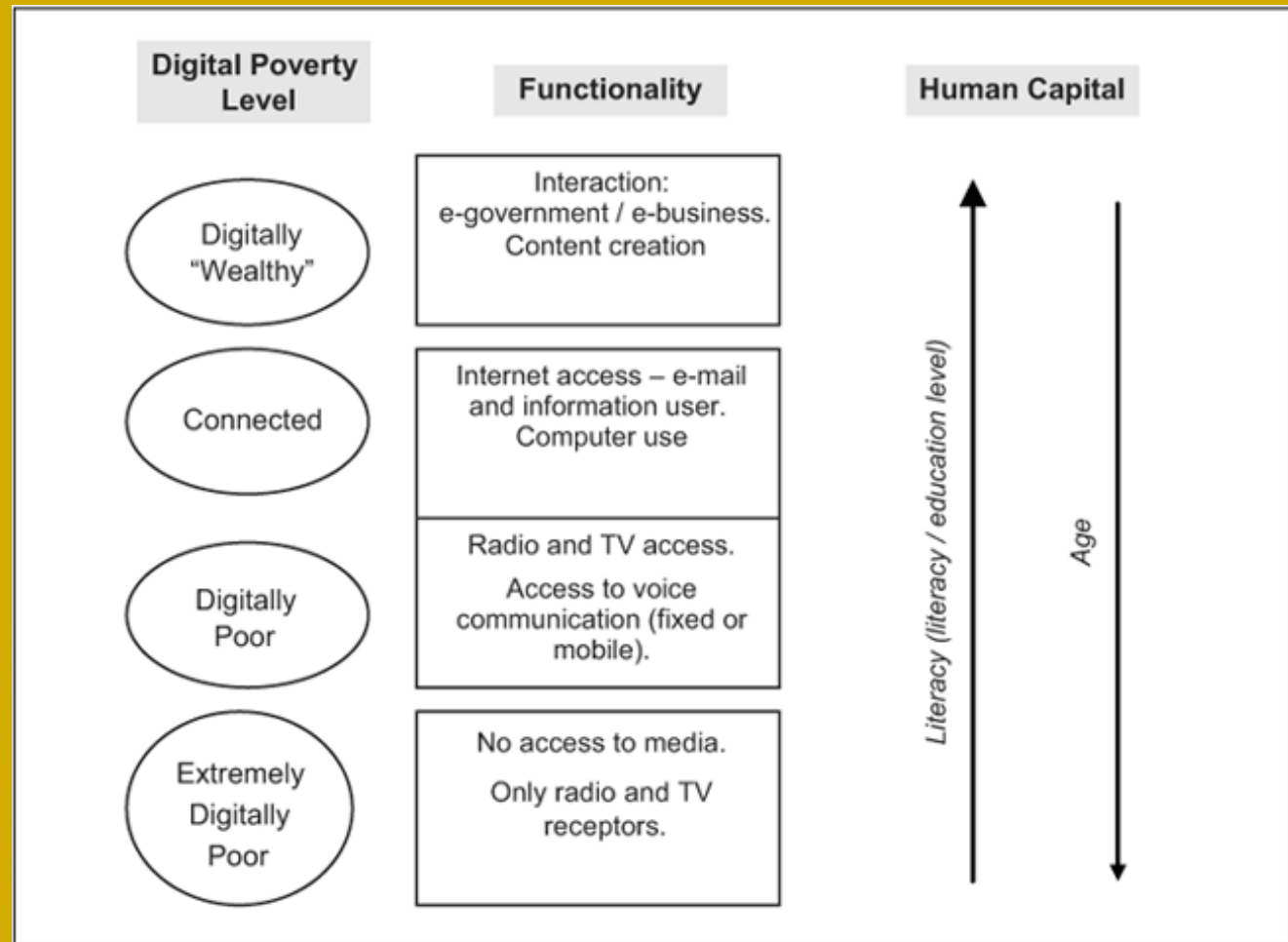
Digital Poverty

Digital Poverty: “...the lack of goods and services based on ICTs” (Barrantes, 2005:30)

Digital poverty thus incorporates a demand dimension (the ICT service cannot be afforded), a capability dimension (the skills to use the service are not available) and a supply dimension (the infrastructure to deliver the service is not in place).



• Digital Poverty





Requirements

Policy and Regulation

Infrastructure & Technologies

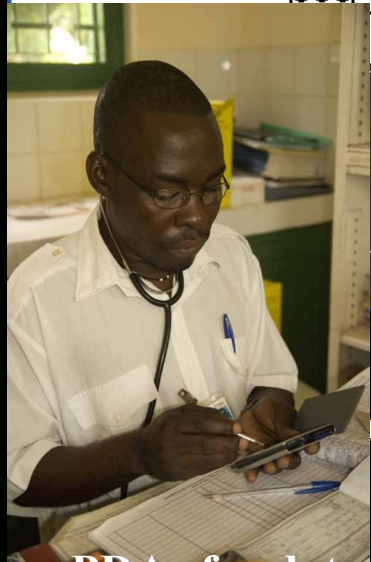
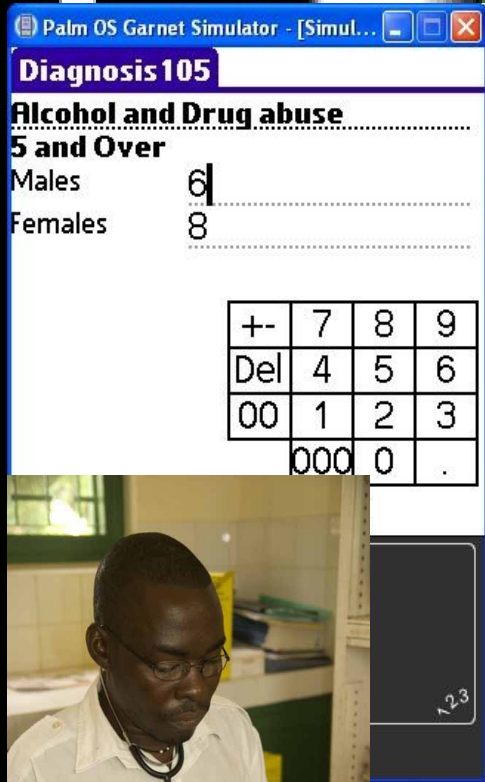
Human Resource Devt.

Content & Applications

Problems addressed by eHealth Project (UHIN):



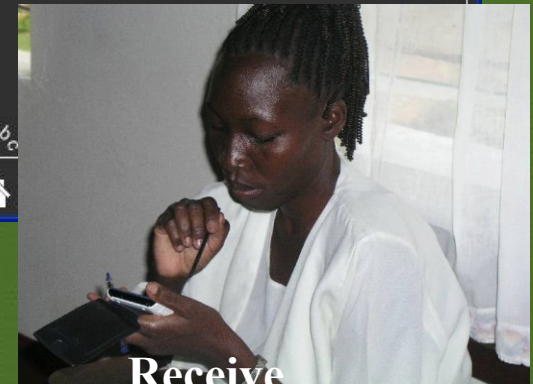
UWIN Solution



PDA's for data capture
At point of care

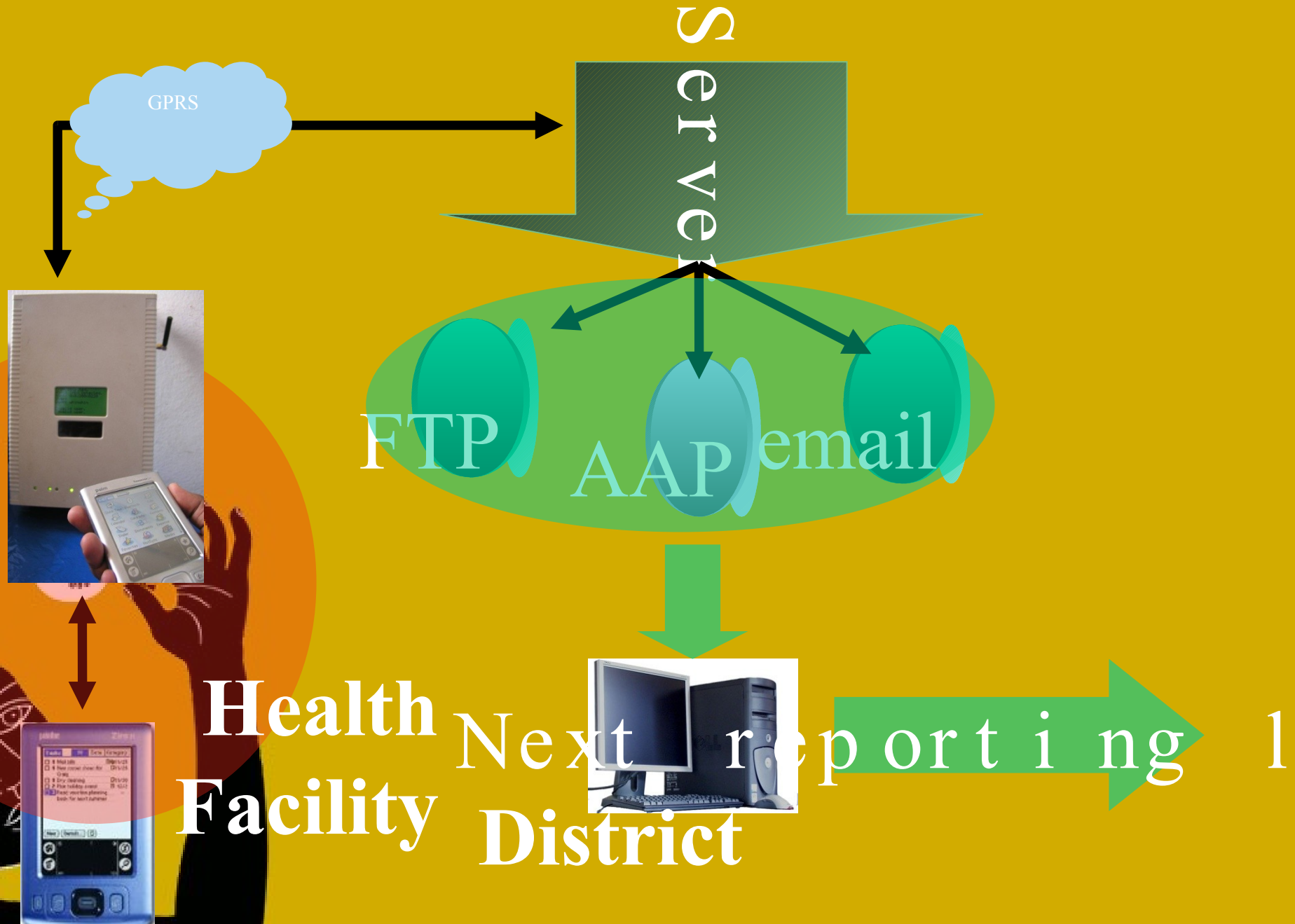


Seamless transmission of
data to districts via
wireless access points



Receive
health content for
better quality of health
service

UHIN Data Pathway



Outcomes: Improving Patient Care & Cost Efficiency

97%

of Health
care

workers
report

improved
patient
care

\$\$\$ Saved more

than **25%**

over paper
process

data
collection and
reporting





• Thank You