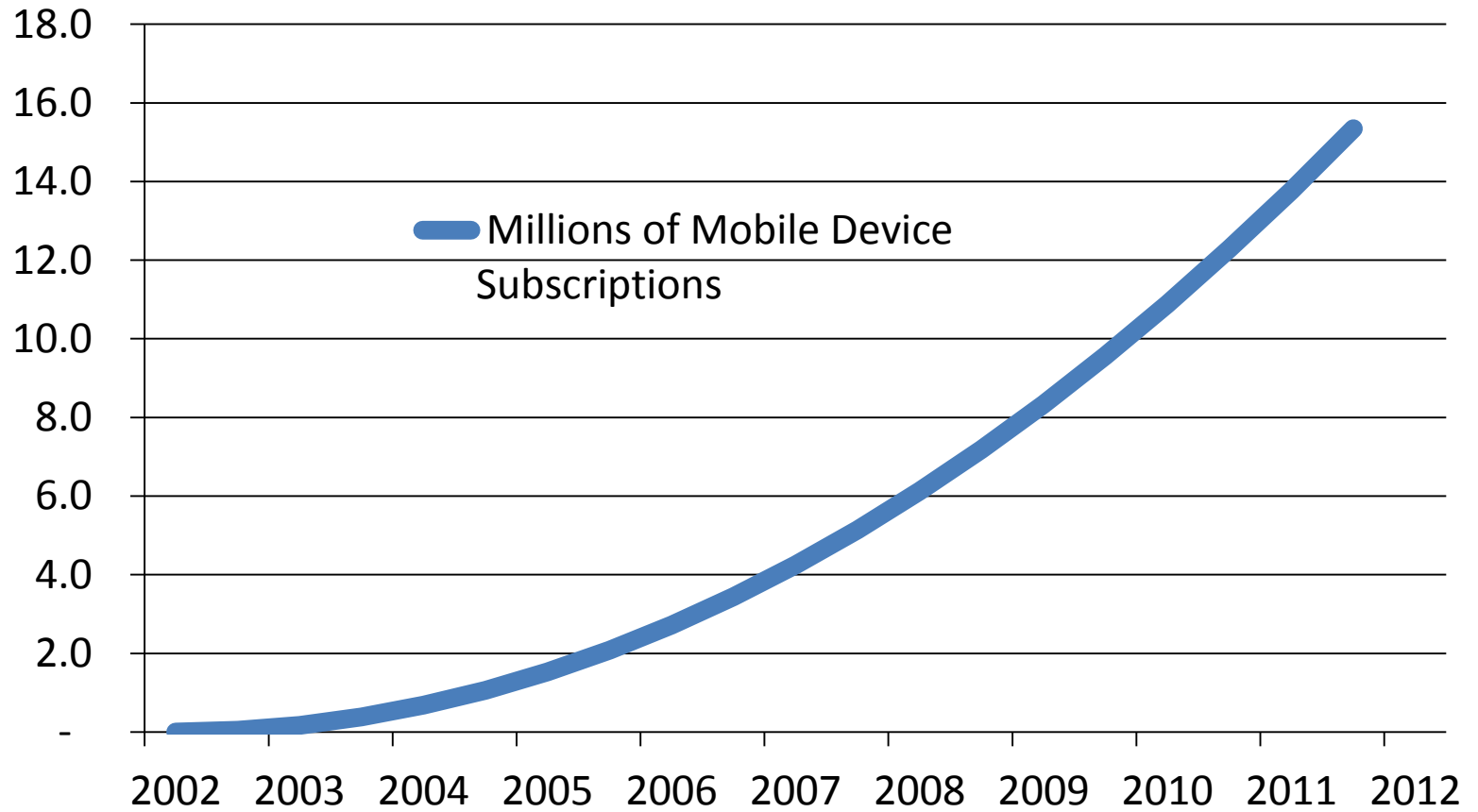# CEGHS | CONNECTIVITY TO ENHANCE GLOBAL HUMAN SECURITY

Leveraging Connection Technologies to Accelerate Development and Generate Goodwill in Afghanistan
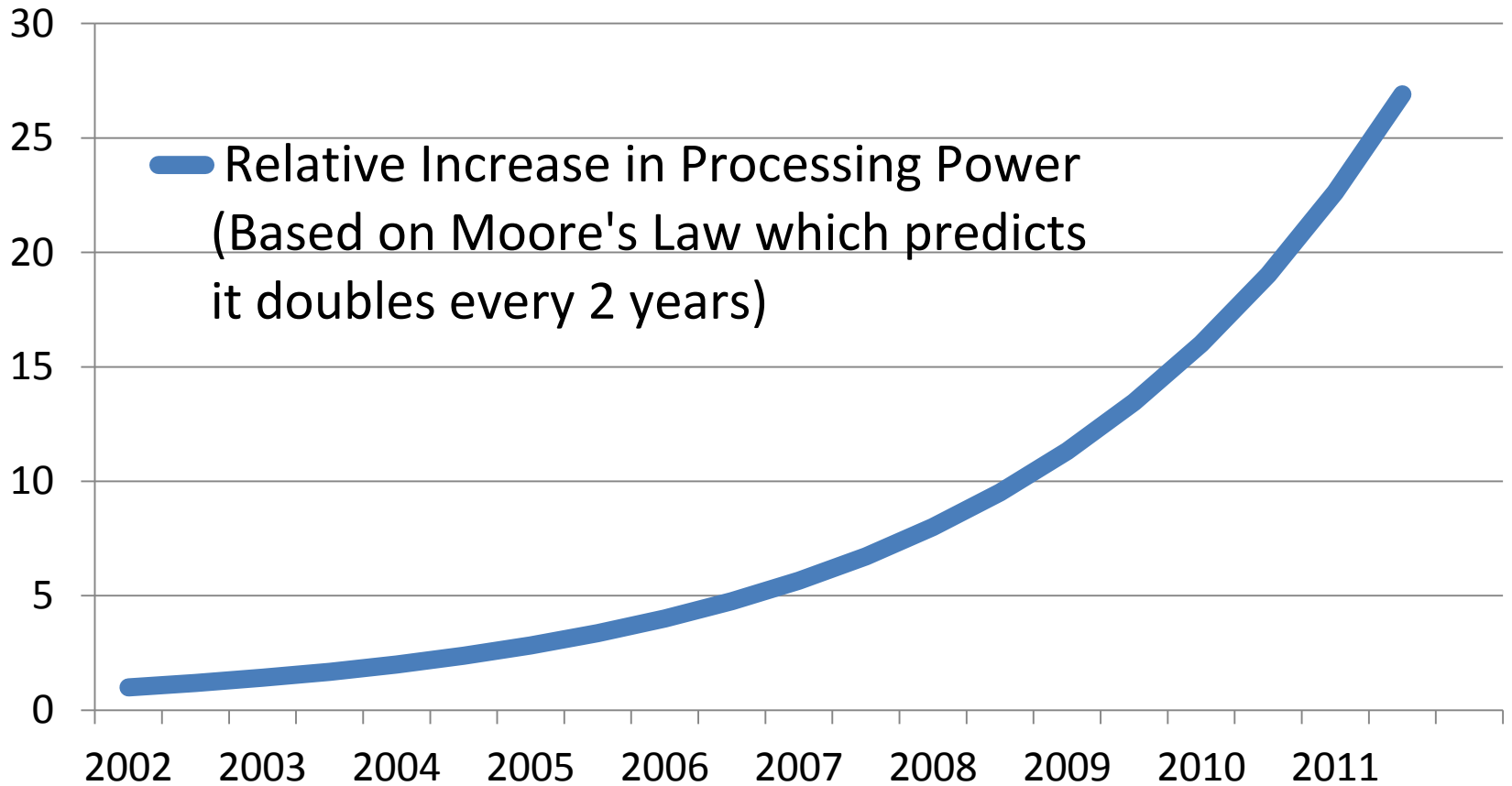
Major Trends in Information & Connection Technologies

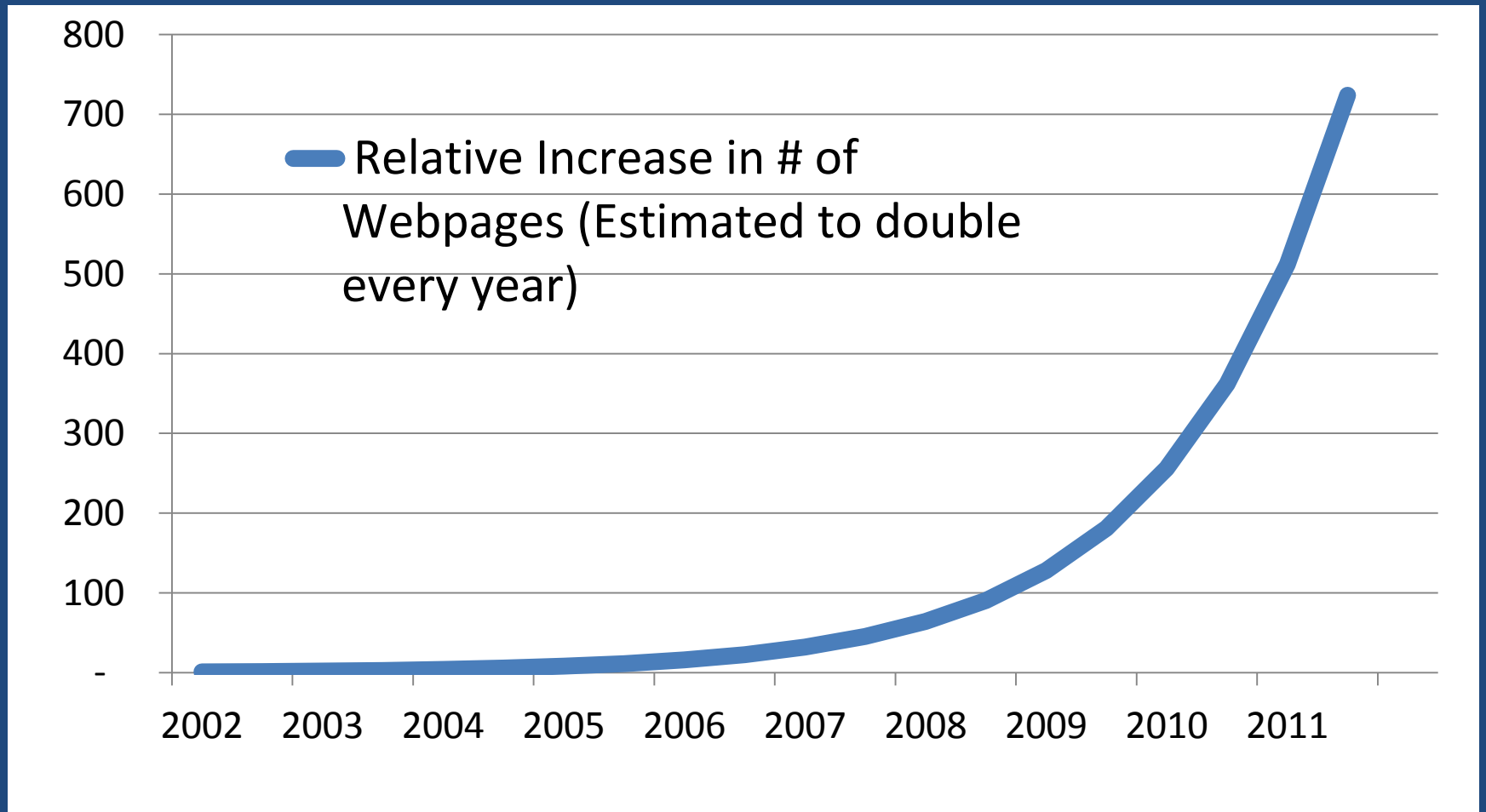## Creating Unprecedented Opportunity for Afghanistan

Mobile Device Subscription Growth in AF
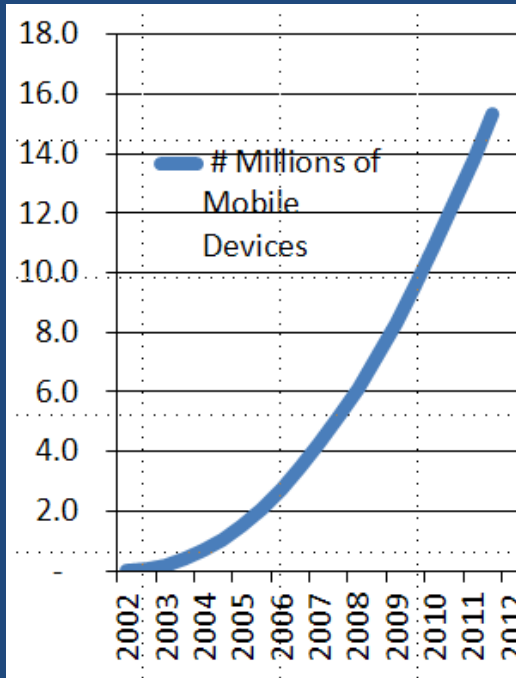
Mobile Device Processing Power
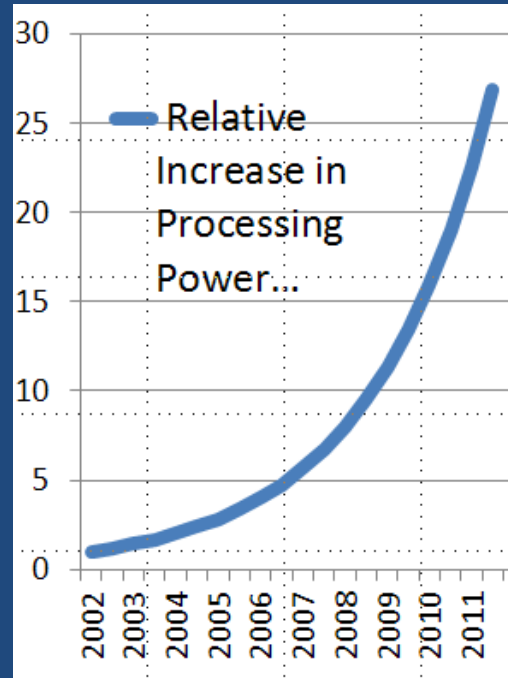
of Webpages Available for Mobile Devices

The Trends in Information Technology Appear to be Compounding Each Other's Effect

The "Compounding" Effect

Mobile Device Subscription Growth in AF

X

Mobile Device Processing Power

X
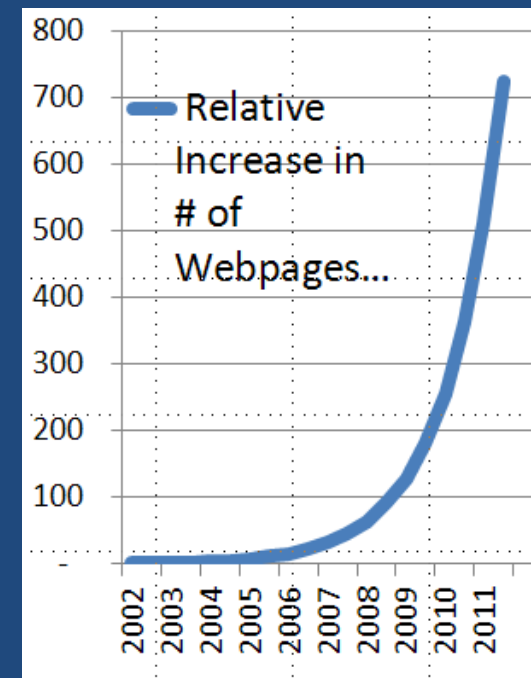
# of Webpages Available to & for Mobile Devices

Results of the Compounded Effect:

Curve = Potential Resources for Economic Development
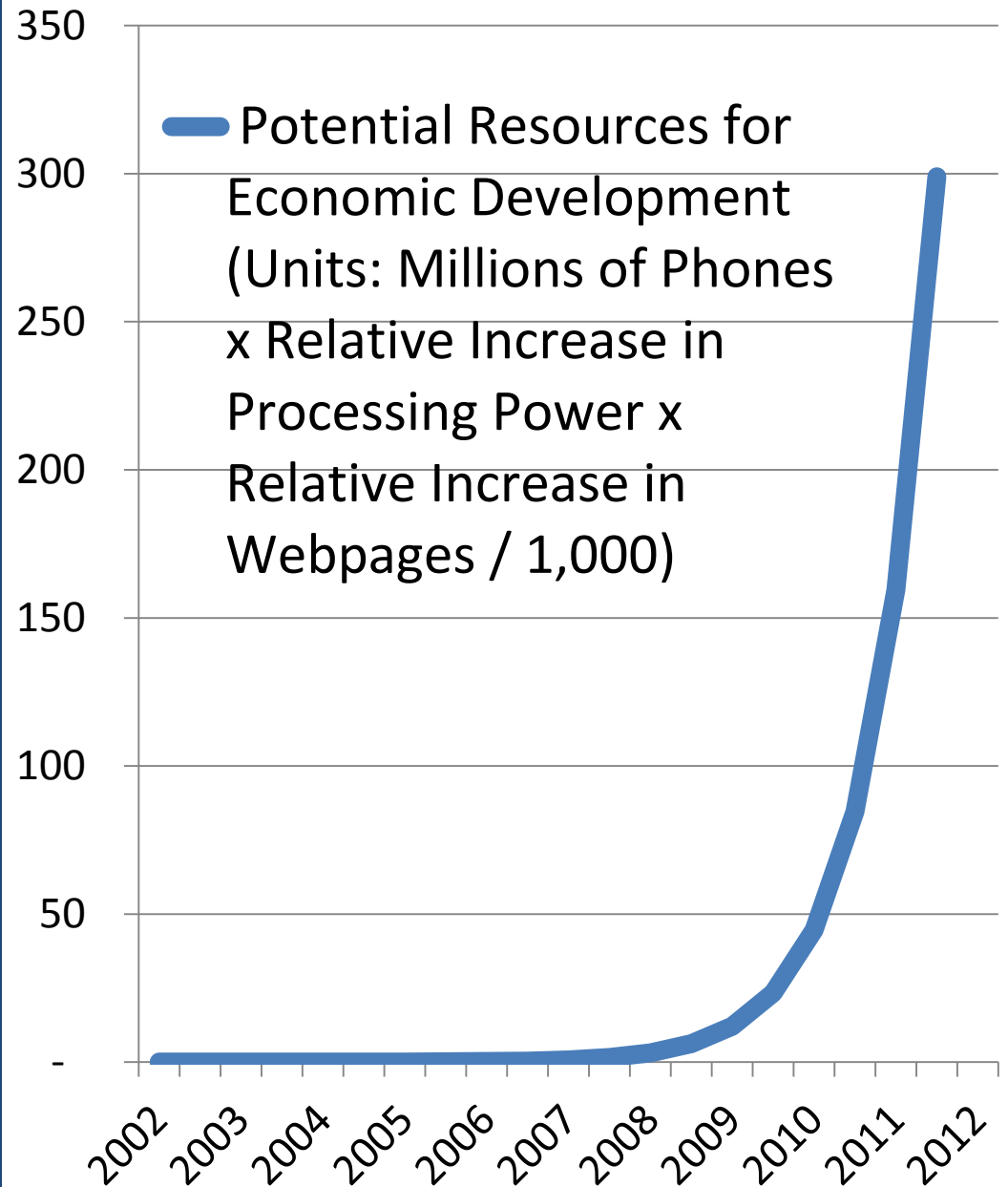
3 Main Strategies to Increase Beneficial Use of ICT in Afghanistan

A Leverage connection technologies to create a connectivity-enabled development surge (CEDS)

B Support populations under stress with services that they would value and sustain

C Increase end user access to information and connection technologies

A **Leverage connection technologies to create a connectivity-enabled development surge (CEDS)**

Catalyze a simultaneous scale-up of proven initiatives that utilize electronic connectivity to facilitate development and build goodwill

Example Initiative that is Proven & Ready for Scale-Up

Paying Afghan government employees via Roshan's M-Paisa Mobile Money Transfer Service

A Focus on Services that are Valued & Sustainable

B **Support Populations Under Stress with Valued and Sustainable Services (ValSServ)**

✓Leverage distributed talent from around the world

✓Pursue integrated solutions

✓ Sustain through the private sector

ValSServ Type **Examples** in Afghanistan
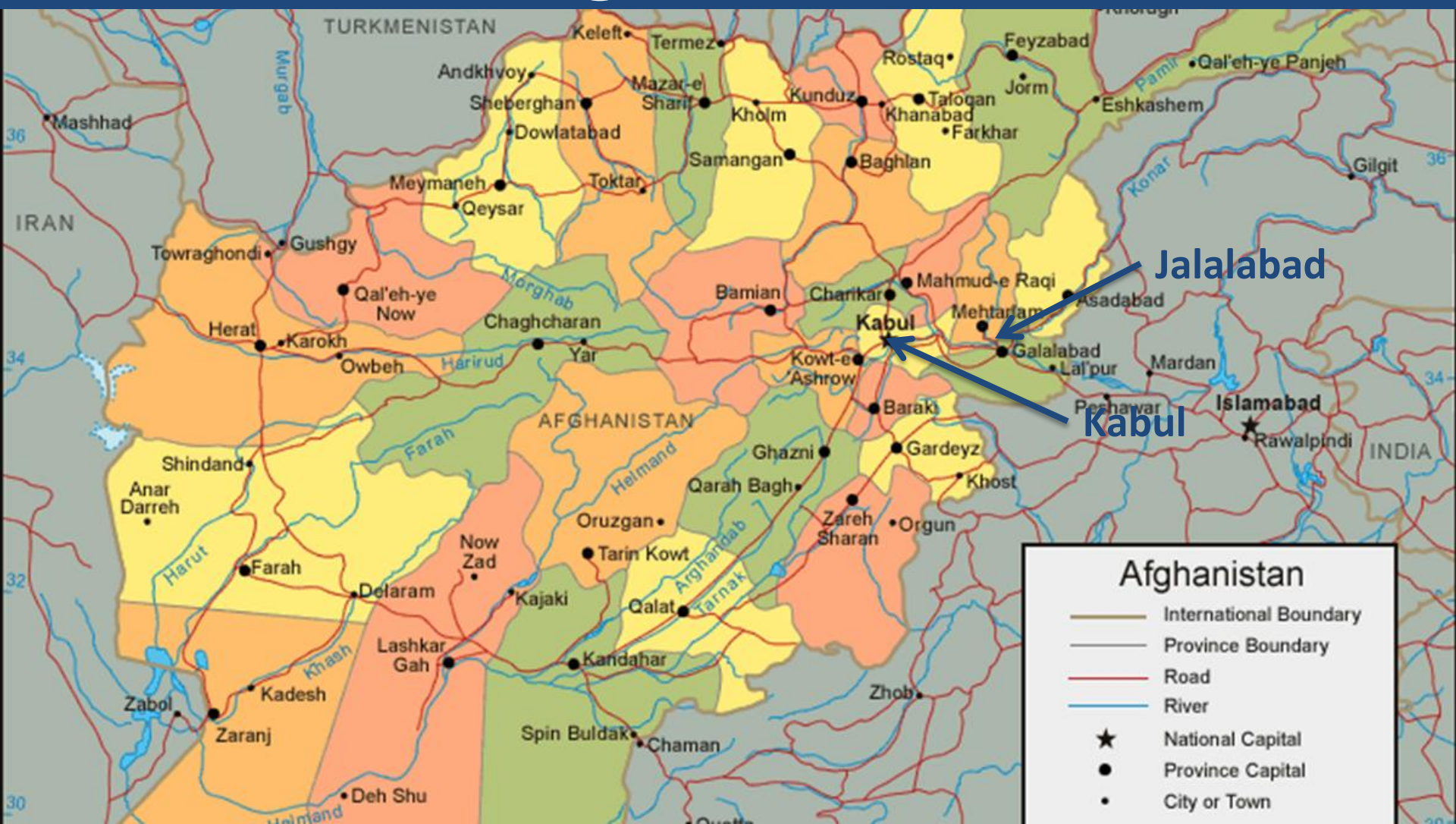
GPFA's Rural Development Programs:

Increasing Knowledge

Empowering Afghan's to help other Afghan's with financial and technical support

Building Farm Communities

Empowering Women

Renewing the Environment

Service Groups Helping Afghans

La Jolla Golden Triangle Rotary Club supporting Global Connection & Exchange Program (GCEP)

Connecting Afghans Online

CharityHelp's Child Sponsorship Program

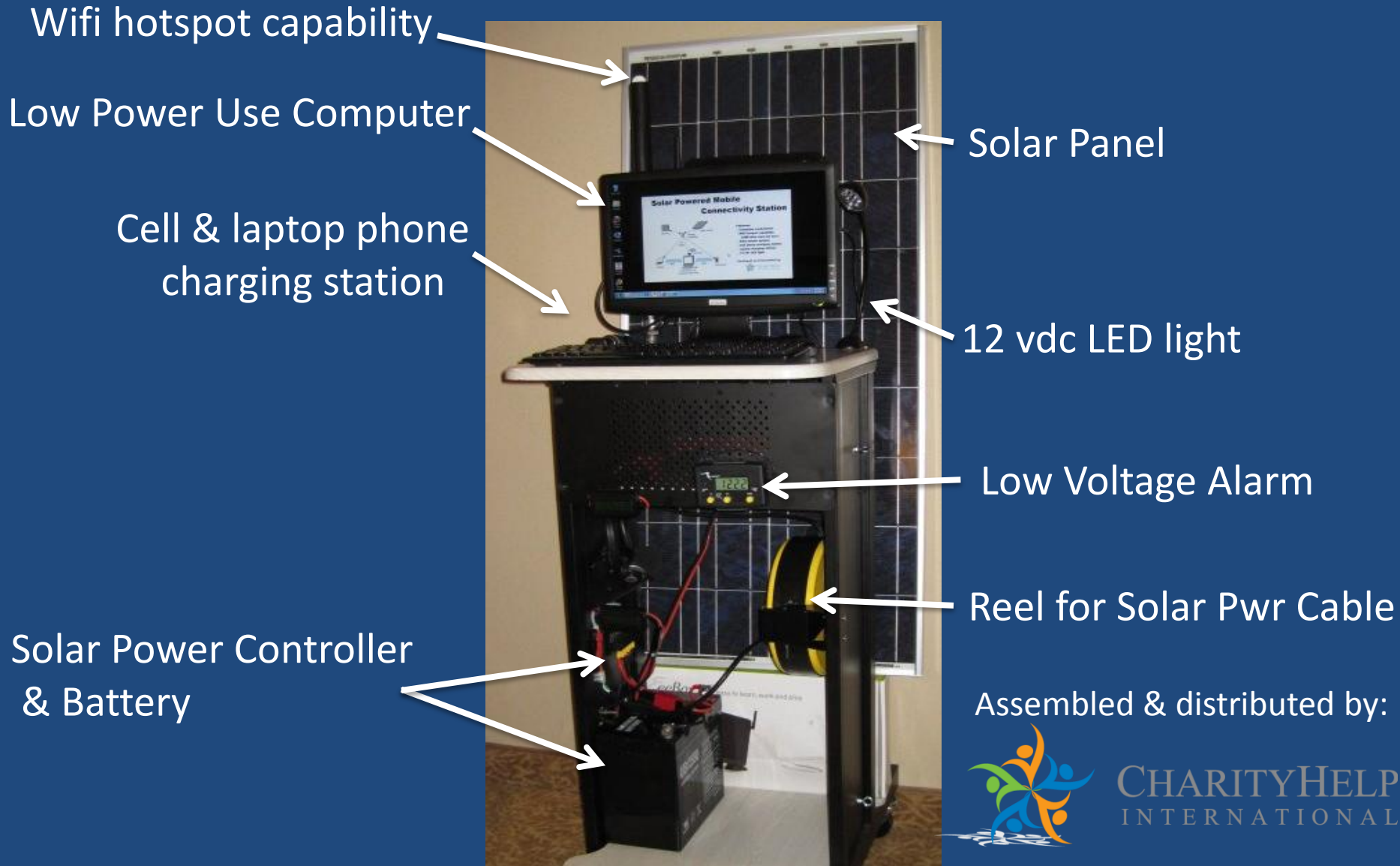Online communication between sponsors and children, enabling them sustainable relationships.

C Increase end user access to information and connection technologies

- Facilitate transparent & vibrant marketplace for computing devices, software, wireless data services & related training programs

- Encourage grantmakers to support end user access to information and connection technologies

Example of Low Cost Connectivity

Solar Powered Mobile Connectivity Station

Wifi hotspot capability

Low Power Use Computer

Cell & laptop phone charging station

Solar Panel

12 vdc LED light

Low Voltage Alarm

Reel for Solar Pwr Cable

Solar Power Controller & Battery

Assembled & distributed by:

CHARITYHELP INTERNATIONAL

Example Low Cost Computer Center for Education & Commerce Support

Solar Panels

Charge Controller

Internet

Battery

DC Power to all Electronic Equip.

Caching Server running a Linux based OS Preloaded with Educational Info and Tools for Entrepreneurs

Wifi Router for phones & laptops

Ethernet switch to provide connectivity to workstations

Six or more low-energy use computers operating on Linux or Windows
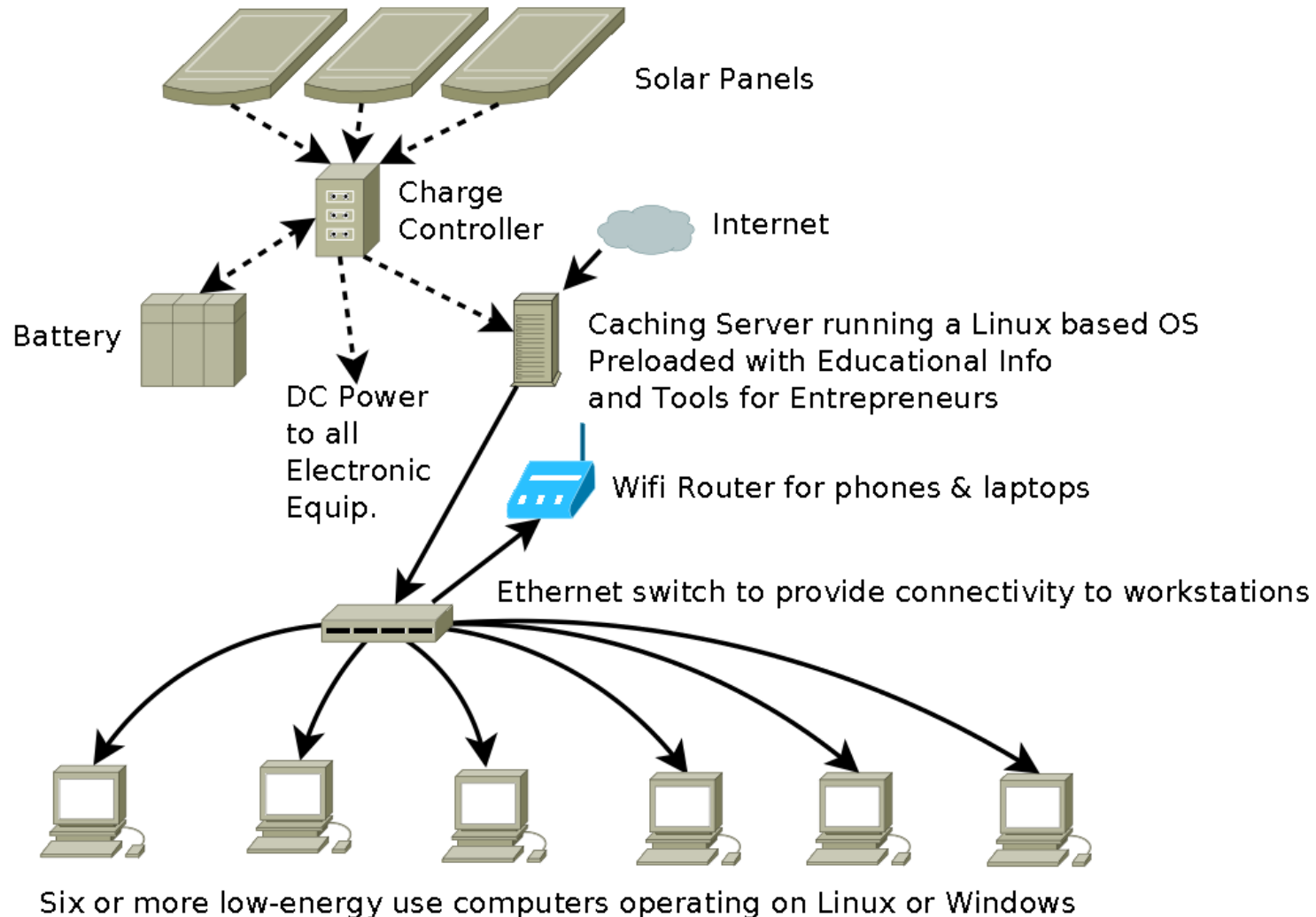
Recommended Next Steps

PHASE

1 Complete a strategic engagement and planning process to build a portfolio of proven connectivity-enabled initiatives.

2 Host a meeting of interested private and government funding agencies in the US to discuss the opportunity & seek initial funding commitments.

3 Seek input and funding commitments from major international donors for a large scale-up of connectivity-enabled initiatives.

CEGHS | Connectivity To Enhance Global Human Security

Thank you for your time

For more info, click on the references tab (References **) to the left of this screen or visit *www.ceghs.org*.**

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