Carnegie Mellon University Rwanda



Inspiring Innovators

Bruce H. Krogh

Professor of Electrical and Computer Engineering Director, Carnegie Mellon University in Rwanda

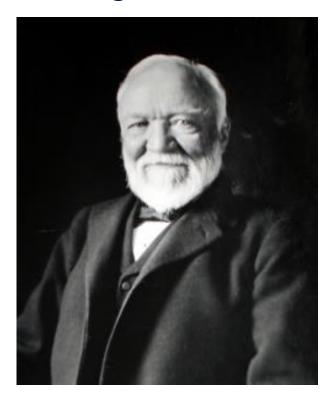
Carnegie Mellon University

Pittsburgh, Pennsylvania, USA

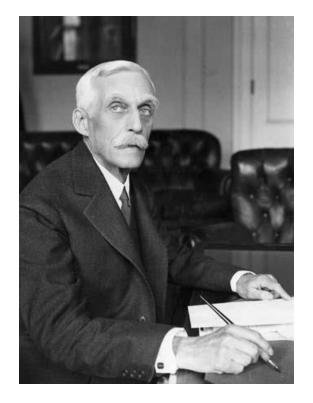


Carnegie Mellon University

Founded 1900: Carnegie Institute of Technology Merged 1967: Mellon Institute of Industrial Research



Andrew Carnegie 1835-1919



Andrew Mellon 1855-1937

Carnegie Mellon's Global Presence















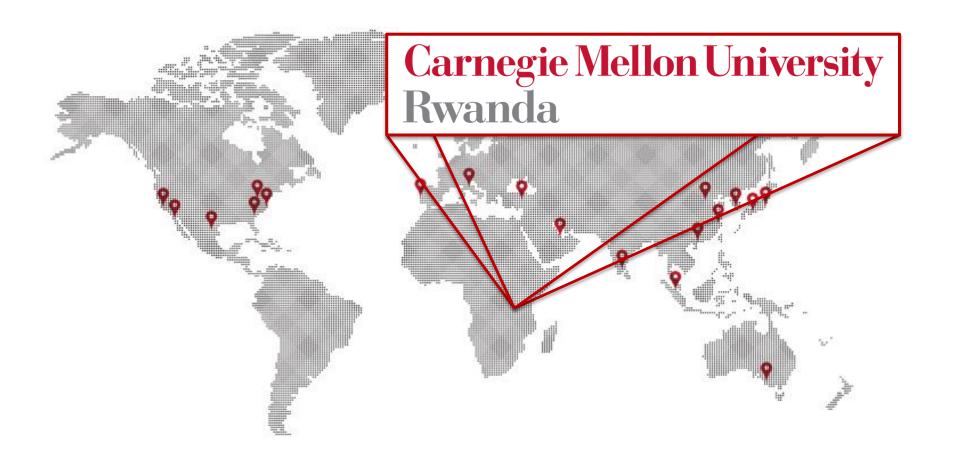








Carnegie Mellon's Global Presence

























Carnegie Mellon Rwanda Campus



Temporary LocationTelecom House

- CMU-R floors 4-5
- Rwanda National Data Center (hosting our servers)
- control center for the national fiber optic network
- several ICT companies
- kLab innovation hub



Future LocationKigali Technology Park

- 15 hectares reserved for CMU-R
- African Development Bank funding for campus design and construction
- Completion date: July 2016



Internships

IBM Research ZTE中兴

























Carnegie Mellon University Inspiring Innovators

Artificial Intelligence



Logic Theorist language

December 1955

Allen Newell



Herb Simon



Twitter **Hashtags** #InnovationAfrica2014

Aug. 23, 2007

Chris Messina



lava

Java Programming Language

1994

James Gosling



Red Whittaker

Autonomous Cars



DARPA 2007 Urban Challenge First place, November 3, 2007



Raj Rajkumar



Emoticons

:-)

Sept. 19, 1982

Scott Fahlman



Sun microsystems

February 1982

Andy Bechtolsheim



Vinod Khosla





Michael Loren Mauldin



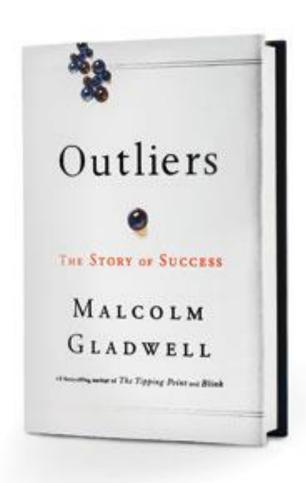


Luis von Ahn Pioneer in crowdsourcing Inventor of reCAPTCHA



Acquired by Google – Sept 2009











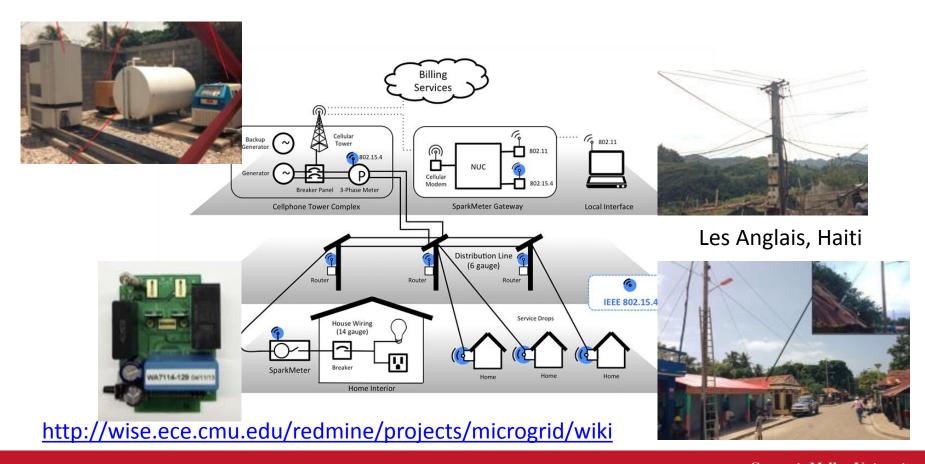
Carnegie Mellon University Rwanda

1. Become experts.

- 1. Become experts.
- 2. Solve real problems.

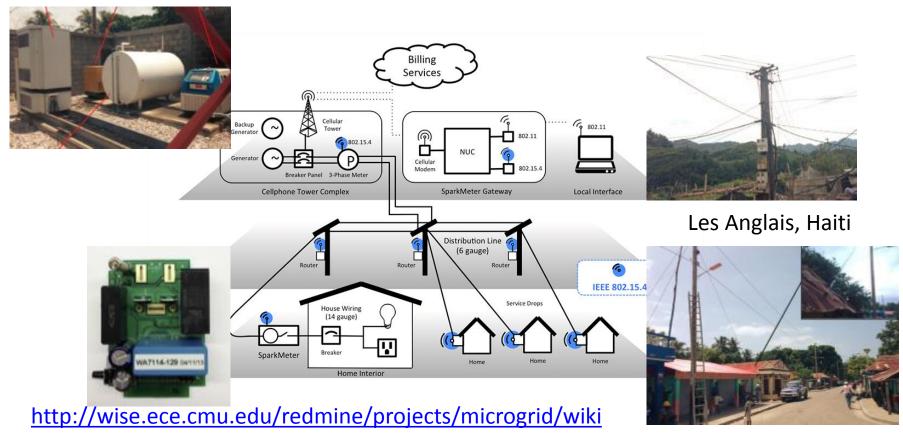


Building a Truly Smart Grid: What Can We Do When There Is No Legacy System?





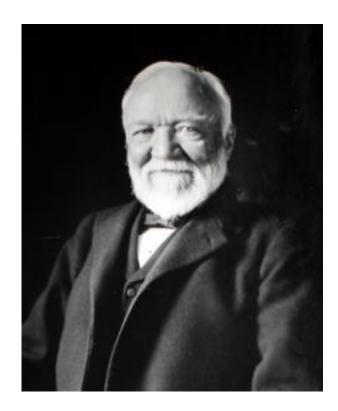
Anthony Rowe Researcher and Inventor Wireless Sensor Network Technology



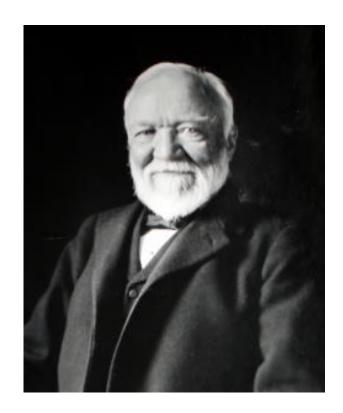
1. Become experts.

- 1. Become experts.
- 2. Solve real problems.

- 1. Become experts.
- 2. Solve real problems.
- 3. Be born at the right time!



Andrew Carnegie 1835-1919

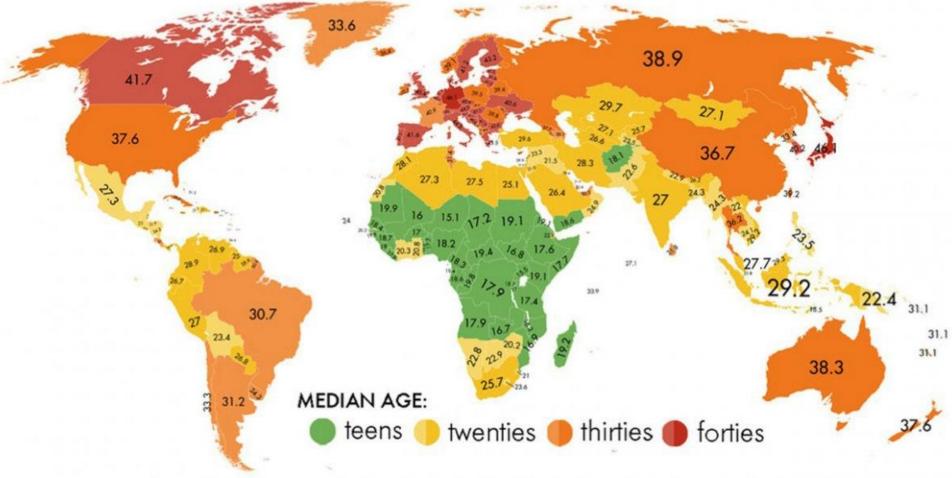


Andrew Carnegie 1835-1919



Bill Gates 1955-

"The future of humanity is increasingly African" UNICEF



YOUNGEST: 1. Niger (15.1) 2. Uganda (15.5) 3. Mali (16) 4. Malawi (16.3) 5. Zambia (16.7) OLDEST: 1. Germany & Japan (46.1) 2. Italy (44.5) 3. Austria (44.3) 4. Virgin Islands (44.2)

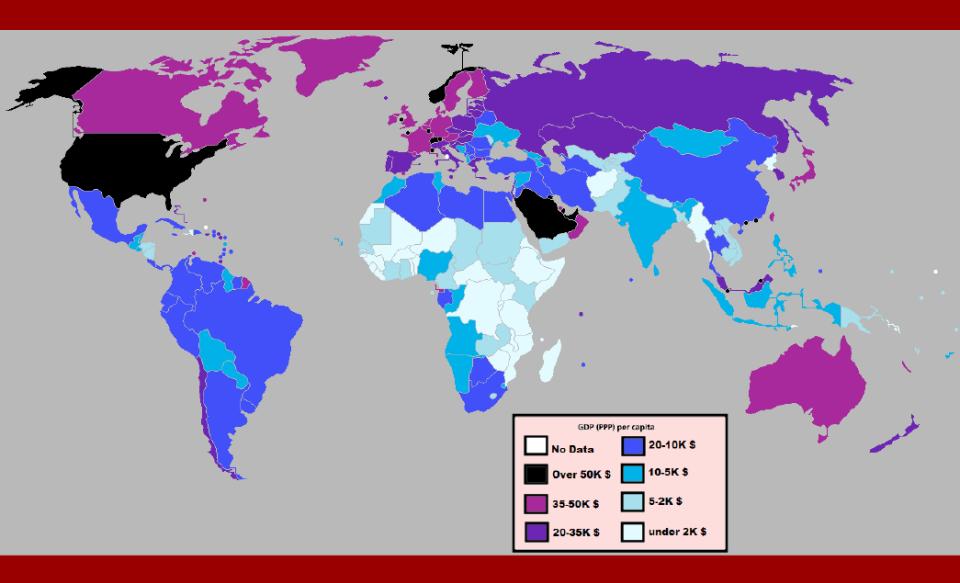
Source: CIA Factbook

Simran Khosla/GlobalPost





The **Last** Economic Frontier



The Past

The Future





Carnegie Mellon University Rwanda

Carnegie Mellon University Rwanda



Brilliant Minds Wanted

Carnegie Mellon University Rwanda



Murakoze cyane Merci Obrigado Thank you!

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