



TOWARDS
A CONNECTED
COMMONWEALTH



COMMONWEALTH
TELECOMMUNICATIONS
ORGANISATION
FORUM 2015
14 - 16 SEPTEMBER, NAIROBI, KENYA

Future Trends

EMERGING MARKETS AND THE INTERNET OF THINGS

Josiah Mugambi

Executive Director

iHub

15 Sept 2015



TECHNOLOGY . INNOVATION . COMMUNITY

The Internet of Things

Is this new?

Connected embedded systems have been with us for some time

IoT now becoming more mainstream:

- Cost of hardware has dropped
- Greater connectivity globally, not just between people

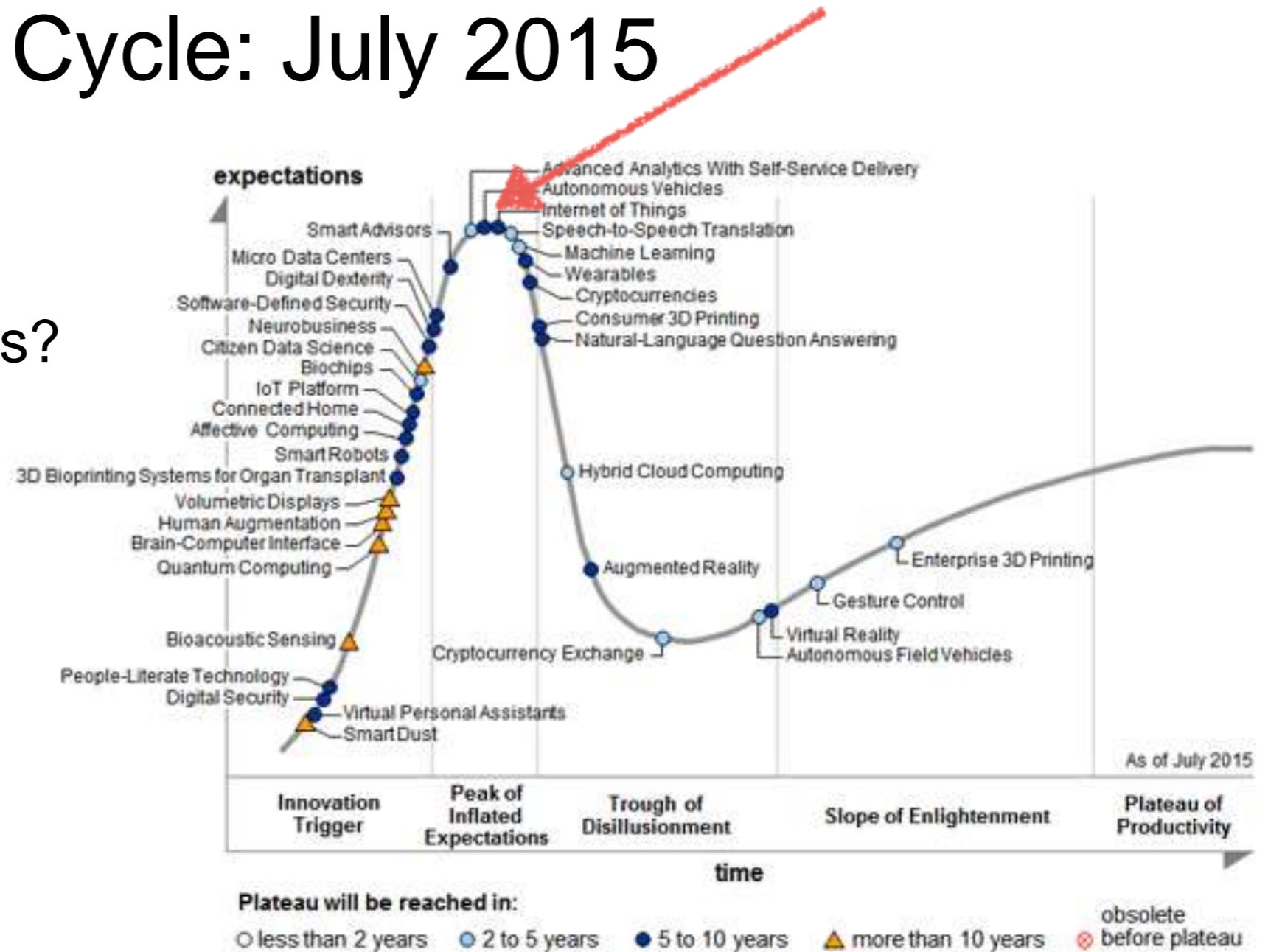
Use cases outside of developed countries can vary significantly



IOT: Hype?

Gartner Hype Cycle: July 2015

Inflated Expectations?



IOT in Emerging Markets

What are some of the challenges to be addressed?

1. Agriculture
2. Health
3. Education
4. Security
5. Environment
6. Transport



IOT and Big Data

The Analytics of Things

Near countless sensors collecting huge amounts of data.

Tools and intelligence for decision making:

- Food Security
- National Health Systems

IOT

Risks and Challenges

as identified by the World Economic Forum:

- Cybersecurity
- Data Privacy
- Interoperability among existing systems



COMMONWEALTH
TELECOMMUNICATIONS
ORGANISATION
FORUM 2015
14 - 16 SEPTEMBER, NAIROBI, KENYA

TOWARDS
**A CONNECTED
COMMONWEALTH**

Thank You

***iHub** Research
KNOWLEDGE . DISCOVERY . SHARING

***iHub** UX lab
DESIGN . TRAINING . TESTING

***iHub** Consulting
TEAMS . PROJECTS . COORDINATION

m:lab
EAST AFRICA

 **Gearbox**

***iHub_**

TECHNOLOGY . INNOVATION . COMMUNITY