



TOWARDS  
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TELECOMMUNICATIONS  
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FORUM 2015  
14 - 16 SEPTEMBER, NAIROBI, KENYA

# Future Trends

## EMERGING MARKETS AND THE INTERNET OF THINGS

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# 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

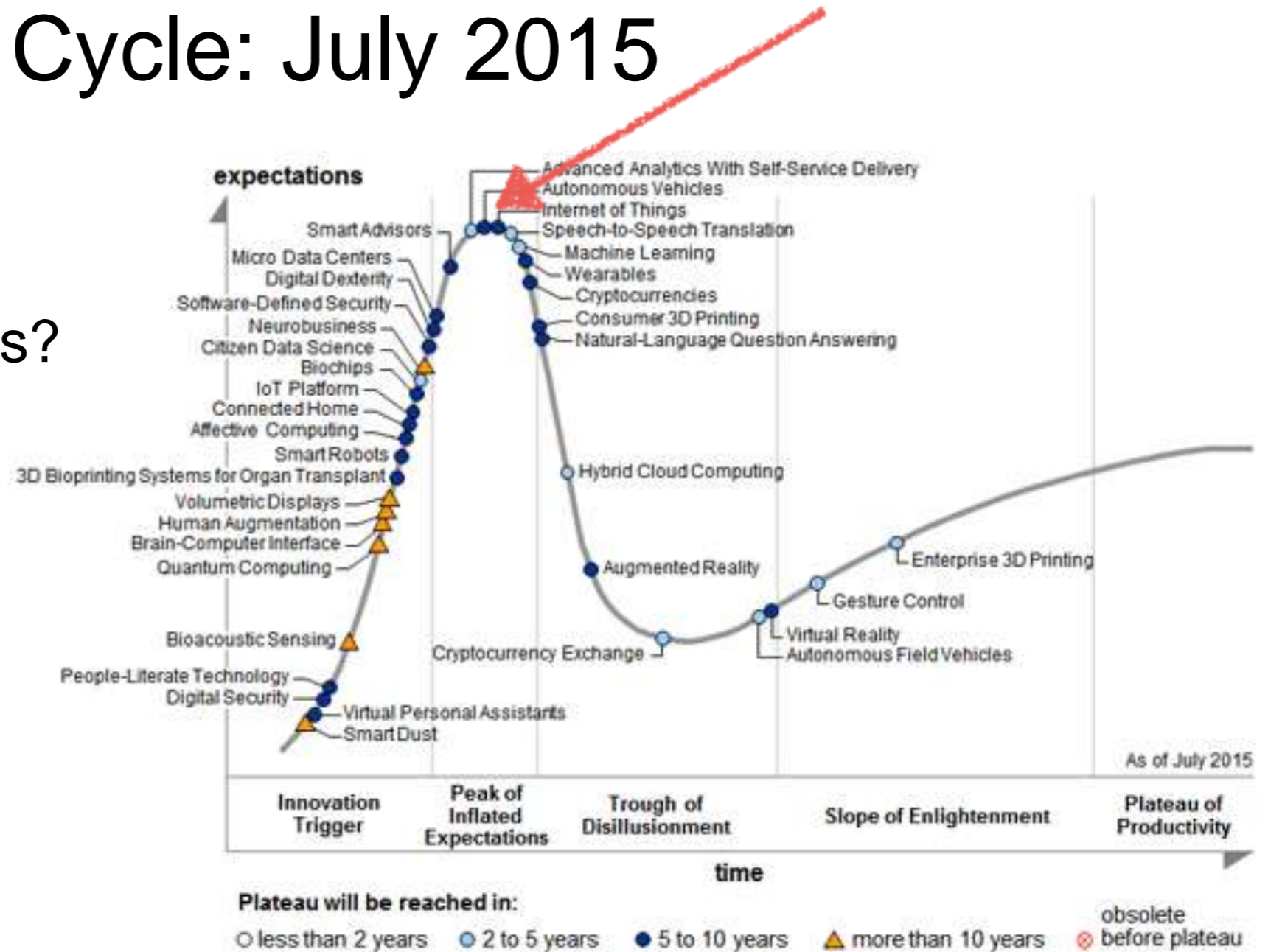
Use cases outside of developed countries can vary significantly



# 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



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