

Plenary VI

- The Hybrid Age: Mankind's Fifth Technological Revolution
-



Mrs Ayesha Khanna

Director

Hybrid Reality Institute

New York, United States of America

HYBRID AGE

AYESHA KHANNA

Humanity's 5th Technological Revolution

Stone Age

Agrarian Age

Industrial Age

Information Age

Hybrid Age

The Hybrid Age

Trend #1: The nature of technology is changing

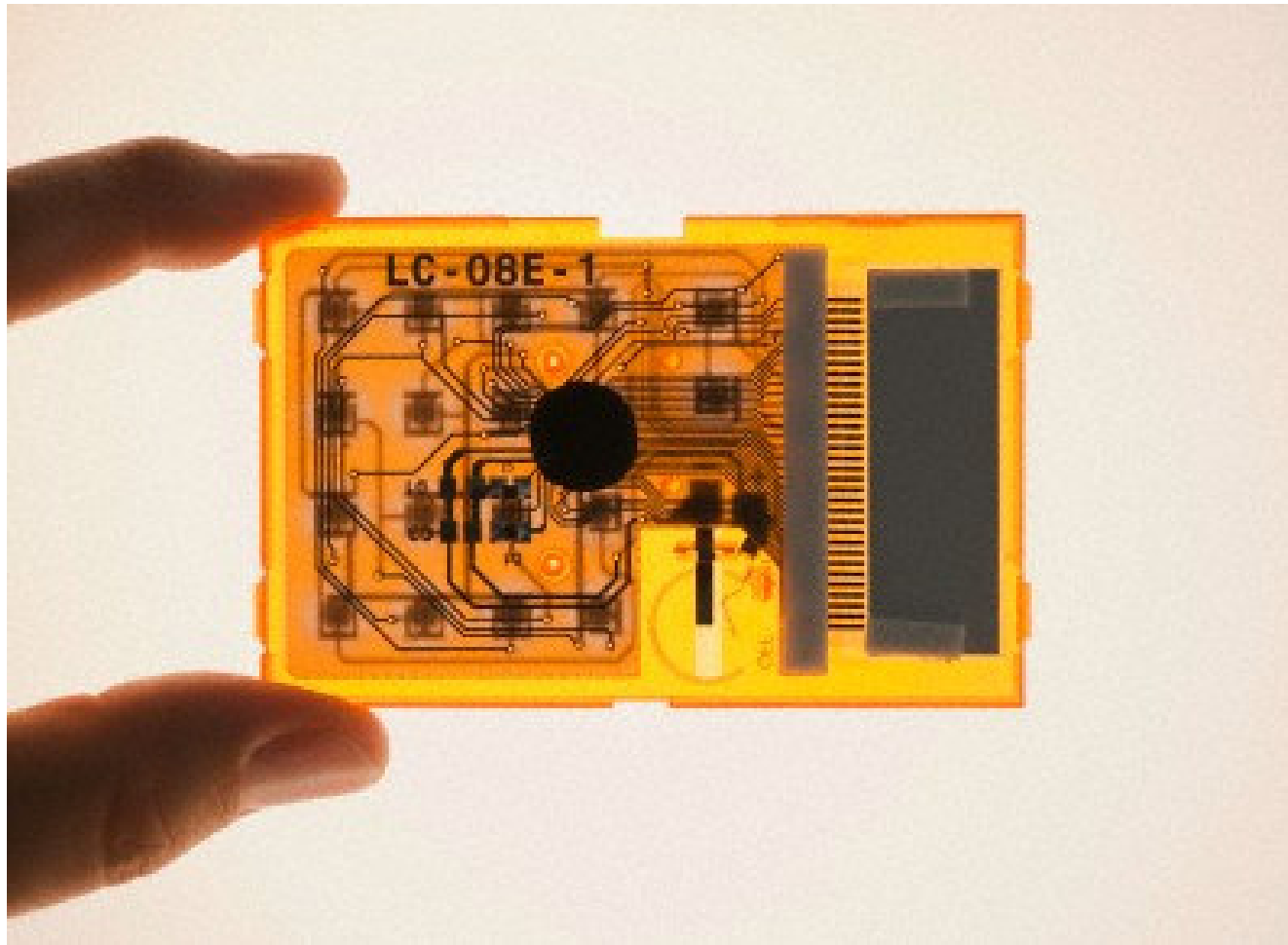
It is becoming

- Ubiquitous
- Intelligent
- Social



A thing called **Watson**

Disruption Multiplier – Cost



Disruption Multiplier - Collaboration



Disruption Multiplier – Reach



The INTERNET *of* THINGS



By the end of 2011, 20 typical households will generate more Internet traffic ...



...than the entire Internet...



Trend #2: The world is becoming urban

Today's Western Dominance: The Top 40 Cities Represent 25% of Global GDP



Source: Pricewaterhousecooper UK Economic Outlook, March 2007

The Rise of the South and the East: Top 40 Cities by Population and Growth



Source: United Nations, Worldatlas.com

Smart Cities: where Hybrid Age technologies and global urbanization trends meet

iCity: City as a Platform



Smart Homes
Smart Buildings
Smart Traffic
Smart Grid
Smart Digital Profiles
Smart Security
Smart Trees?

In Smart Cities, even a vending machine decides for you



Rush to Create “Smart Cities” and Retrofit Existing Cities



Business Opportunity

\$100 Billion Dollars in 10 years

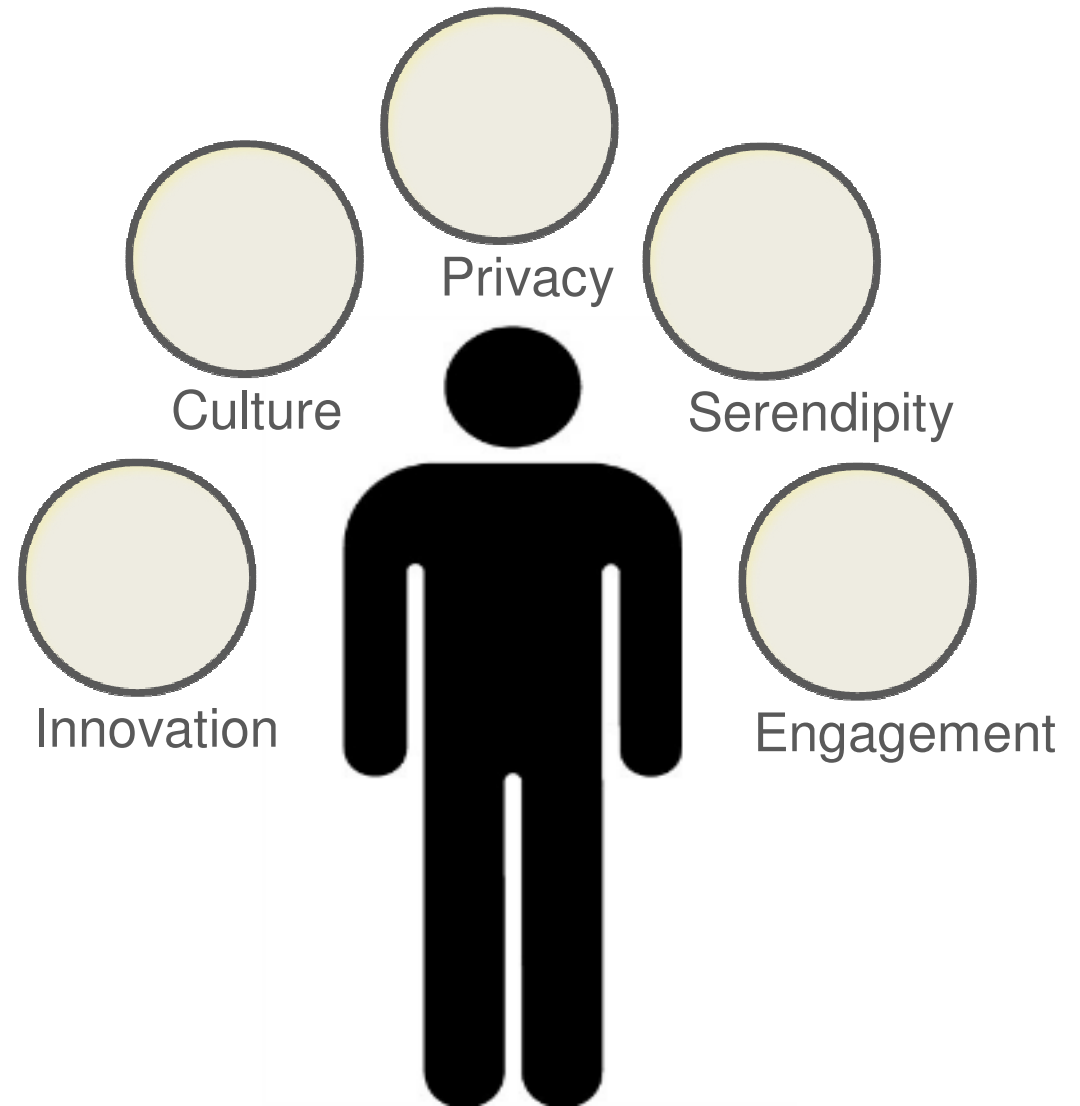
Social Impact Opportunity

Healthcare, Education, Sustainability

But a Smart City is Not Necessarily a **Great City**

Technology + Culture + Innovation = **Great City**

Connectivity
Security
Efficiency
Sustainability



Needed

a living lab for **human-centered** & **future-forward** city technologies



Corporations



Startups



Government



Incubators



Smart City Platform and Services

Case Studies

Smart cities and projects around the world

New Cities: PlanIT Valley **Software Driven**



New Cities: Songdo **Real Estate Driven**



New Cities: MASDAR Sustainability Driven



New Cities: Meixi Lake Population Driven



Revitalization Projects: Toronto **Waterfront**



Retrofit Projects: San Francisco Bottom Up



India: Top Down and Bottom Up



Lavasa



Dharavi

Hybrid Age: **Age of Opportunity**

South Asian Diaspora can:

- ✓ use local networks and knowledge
- ✓ collaborate with each other
- ✓ use Singapore as a Living Lab

City as a Platform – the next market boom, bigger than the tech boom that catalyzed India's technology revolution

Contact

AYESHA KHANNA

ayasha@hybridreality.me