



**Asia-Pacific
Economic Cooperation**

2016/SMEMM/011
Agenda Item: 3.2.2

Singapore's Smart Nation Initiative

Purpose: Information
Submitted by: Singapore



**23rd Small and Medium Enterprises Ministerial
Meeting
Lima, Peru
9 September 2016**

Singapore's Smart Nation Initiatives

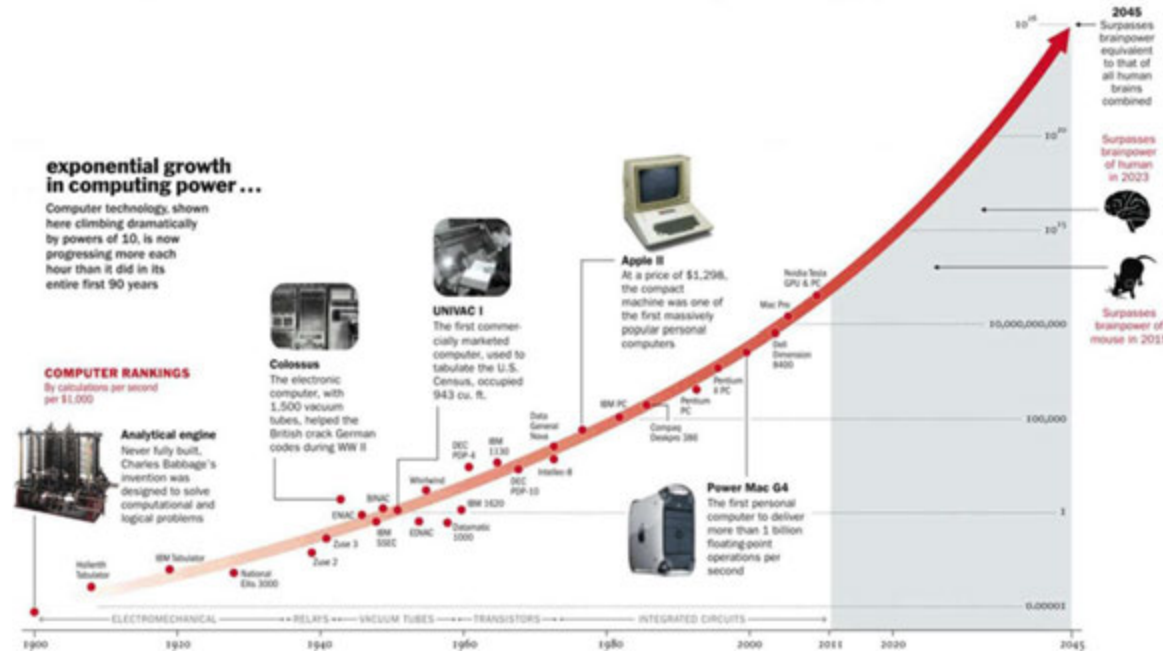
Mr Ted Tan
Deputy Chief Executive
SPRING Singapore
23rd APEC SME Ministerial Meeting



Smart Nation
S I N G A P O R E
Many Smart Ideas • One Smart Nation



Digital Revolution has brought about rapid and transformative changes to the digital landscape



Moore's Law

Falling cost of computing

Digital connectivity

Rising computational power

Information

Things

Data as asset

People

New social/
business models

Tsunami of data

Smart Nation initiatives were created to leverage Singapore's strength



“Our vision is for Singapore to be a Smart Nation . A nation where **people live meaningful and fulfilled lives, enabled seamlessly by technology, offering exciting opportunities for all.**”

– PM Lee at the Smart Nation launch on 24 Nov 2014

Singapore's strength

Investment in Education and R&D

Infrastructure and Connectivity

Compact nation-state

Engineering Ethos

Focus on 5 key areas and developing enablers to achieve outcomes

Smart Nation

Outcomes

Better Living

More Opportunities

Stronger Communities

Focus areas

Enhanced Mobility

Better Homes & Environment

Improved Public Services

Better Health, Ageing Well

Competitive Economy

Private sector enterprises

Research & development support

Enablers

Human capital

Cyber security & resilience

Data & digital connectivity

Harnessing the power of big data and sensors to enhance mobility

Now

Home



Empowered commuters



Office



Optimised network



Future

Home



Beeline

Autonomous vehicles



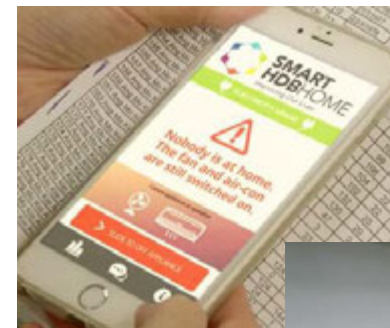
Office

Pilot Smart estates to develop better homes and environment

- Introduced and tested new technologies with 38 blocks and 3,200 households



Home Energy Management



Elderly Monitoring



Create new opportunities for SMEs to test-bed solutions

Lab Trial @ HDB Concept flats



Living Laboratory



Market Adoption



To demonstrate and test for...

Usability and
relevance

Inter-
operability and
multi services

Trust, data
protection &
security

Commercial
viability

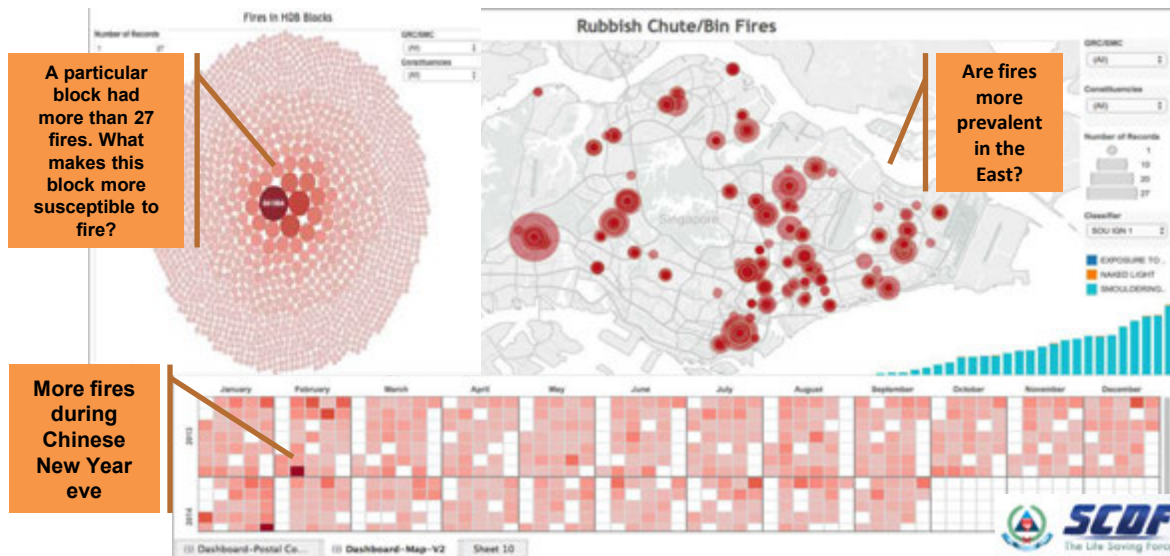
Tap on data analytics to deliver improved public services



Serve Citizen's Needs

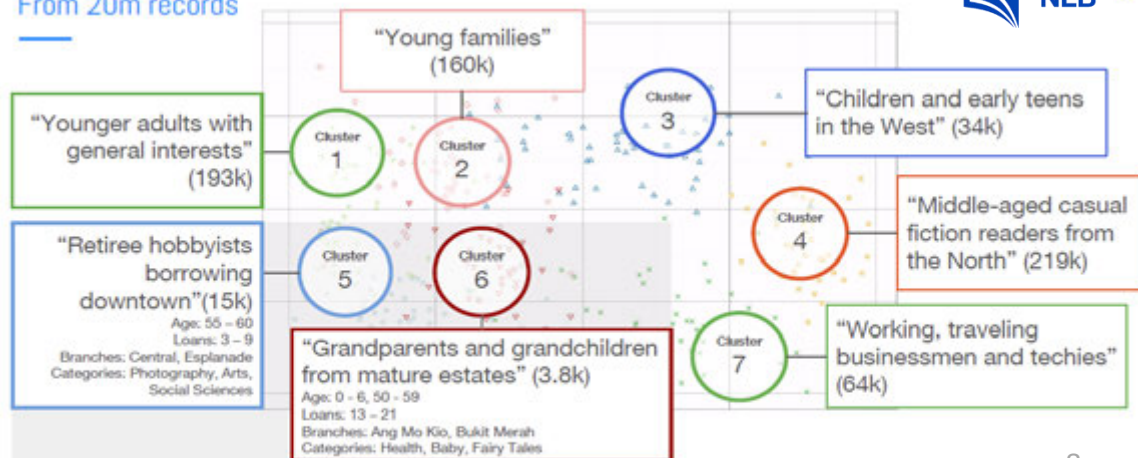


Strengthen Planning & Policy



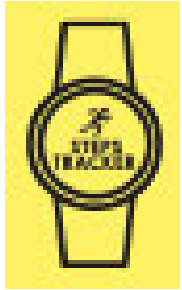
Transform Operations

From 20m records



Reveals previously unknown borrower types, e.g. different elderly groups

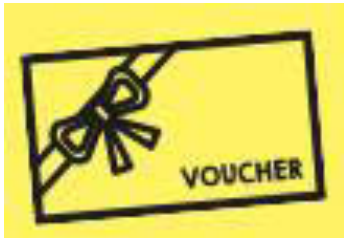
Tap on technology to support citizen need for better health and aging well



Pedometer



Healthy 365 App



Incentives and Rewards



National Steps Challenge



156,000 participants
>7,500 steps daily

Community-based wellness programme, leveraging technology

Wellness

Data portability and access

Healthcare productivity

Home and community care

Smart Nation will support a competitive economy by creating opportunities for SMEs to innovate

- Living test-bed for developing & prototyping innovative solutions
- #10 in the world for best start-up ecosystem, best in Asia
- #1 for ease of doing business
- Creation of jobs in the digital economy e.g. Industry 4.0



SMEs can benefit from Smart Nation initiatives by partnering public agencies



**Housing
Development
Board (HDB)**

From prototype to product :

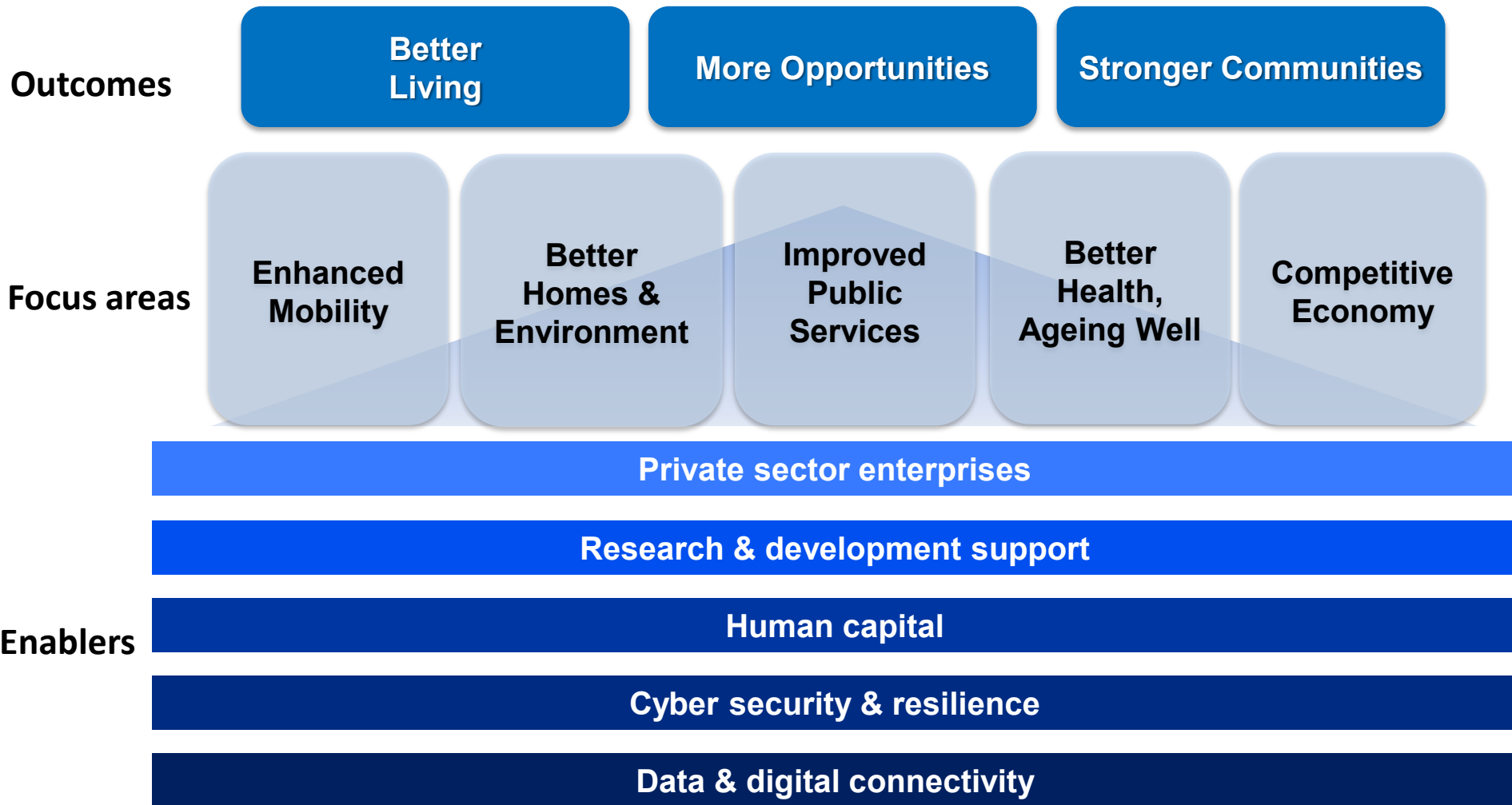
- Implemented under the Smart Nation initiative
- Offer opportunities for SMEs to develop, test bed ideas and turn prototype into product.



E.g : Elderly monitoring & alert system

- Monitor the well-being and safety of the elderly at home
- Receive alerts when mishaps occur

In Summary



Thank You



Smart Nation Singapore