

Annex 6: Smart Nation

Singapore as the world's first Smart Nation

Singapore aims to be the world's first Smart Nation, with fuller use of technology to live, work and play, resulting in improved quality of life for individuals; business opportunities for enterprises and an anticipatory government that uses tech to better serve and anticipate citizens' needs. Citizens are also empowered through access to data, to be more participatory in engaging government, as well as businesses, to make more informed decisions and meaningful choices in their daily living.

Singapore has the opportunity to be the world's first Smart Nation if we work together and successfully combine policy, people and technology. Singapore will continue to build up all aspects to enhance our national capabilities – from infrastructure, industry and talent, to governance. To do this, Singapore will build on our achievements in the IN2015 journey, such as the Nationwide Broadband Network (NBN) and Wireless@SG. There are also several ongoing projects by Government agencies and the industry, such as the Smart Nation Platform (SNP) that are integral to a Smart Nation. The SNP seeks to bring together a nationwide sensor network and data analytics abilities, providing better situational awareness through data collection and sharing of collected sensor data.

What it means to Citizens, Businesses and Government

Empowered citizens

With greater access to open data, citizens can improve their daily living and to be an active participant in the shaping of this nation. On an individual level for example, citizens can make use of public transportation mobile apps to determine the best route to reach their destination. The app will be able to generate recommendations for citizens to choose from, based on sensor data such as bus crowdedness, traffic/weather conditions and bus arrival time. At a community level, the access to rich data and innovative products, suggestions and ideas can help citizens to create actionable solutions that can benefit society as a whole. By leveraging on integrated public services, citizens can also play a more active role in connecting and communicating with the government to make lives better for all.

New and greater business opportunities

Smart Nation also creates an environment that continues to provide opportunities for businesses using technology. Businesses can thrive and grow in a conducive and networked environment which provides them with the opportunities to build world leading products and services for consumers and businesses, many of such services being powered by Data and Analytics. Using sensors and analytics, companies can also drive resource usage at much higher, efficiency levels. New market possibilities

and innovations are enabled, such as through new infrastructure locations for connectivity

A more anticipatory government

The Government can leverage on the concerted effort across agencies to use data better, to engage the public and provide for more responsive and citizen-centric public services. At a basic level, it could be planning a more efficient manpower schedule for our cleaning crews or transportation systems. At a higher level, our urban planning policies will be able to change in sync with how people are using our urban spaces or a greying population, in order to maximise how resources are utilised.