

ALA Smart Cities

Feb 2020

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Smart Cities

- Smart is an attitude or approach to problem solving, not application of technology
- We seem to be trying to elevate problems so we can use tech to solve them
- Just because we can doesn't mean we should
- Ethics of Smart Cities needs to be determined
 - Infrastructure in public space ownership
 - Public consent
 - Data ownership, storage and use
 - On-selling data etc
- Example of being Smart – City of Medellin



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Social Inclusion is smart

- City of Medellin is united on social inclusion
- Social inclusion is achieved through investment in public transport and education
- Access has created inclusion, decrease in crime, increase in health
- Technology isn't the lead "WHY?"
- Technology is a capability
- Smart Cities are not automatically learning cities
- However, Learning Cities are Smart



What are challenges and opportunities of smart city strategies in the context of Melton's learning city and community?

Challenges

- Privacy
- Data management and access
- System security and vulnerability
- \$ investment for initial infrastructure
- Ongoing updating costs
- Educating citizens on use
- Social inclusion
- Increased social isolation

Opportunities

- Available data analytics
- On demand learning
- Decreasing the digital divide
- Engaged citizens and better lived experience
- Increased digital technology skills
- Safer communities
- Increased social learning and inclusion
- Digital platforms for self managed living & learning

Data analytics

Real time data from effective smart technology will lead to better utilisation of infrastructure, energy efficiency, improvements in social and civic services, increased workforce skill levels, and better benchmarking of a cities performance.

The available data will inform the learning needs of our citizens and guide the delivery of programs.

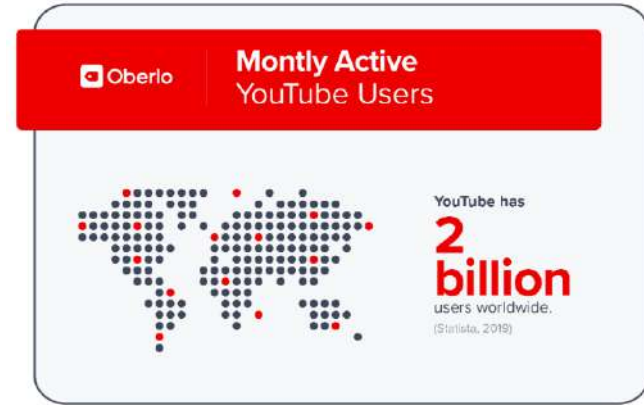


On demand learning

Learning what we need to know, when we need to know it, how we want to learn, wherever we are.

Self managed learning driven by our career, passion and need in all aspects of life.

Learning is at hand when I need it, whether on my smart phone or on a device that is part of the Smart City network.



Digital divide

The provision of free public WiFi, as well as access to platforms (screens or iPads) in public spaces such as streets, libraries, parks, civic buildings, transport hubs and shopping precincts will help to decrease the digital divide that exists in our communities and promote lifelong learning.



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Engaged citizens

Smart city technology can help cities operate more efficiently while improving services to citizens for a better lived experience.

Citizens today expect their cities to deliver robust, user-friendly digital services. Collaboration tools, modern and intuitive websites, mobile applications, self-service portals, and convenient online accounts have become the standard in many facets of life, and citizens expect no less from their city. Expanding digital services in communities make smart cities a more attractive place for residents to live and promote a connected citizen experience.



Digital technology skills

At home and at work, in order to function effectively day-to-day amidst a rapidly changing world, we need to learn new things

The nature of work is changing rapidly, becoming more fluid and less secure. Technological transformation, changing skill requirements and economic shifts are creating an ever more urgent need to ensure growth is inclusive and fairly shared.

Learning with digital technologies is critically important for our future economic and social prosperity. Our citizens need to be digitally competent, so they can participate successfully in a modern economy and society, support their families, and contribute to the wider community.



Safer communities

A smart city is a safer city. Leveraging technology advances and pursuing private/public partnerships help reduce criminal activity.

Investment in smart technologies and educating citizens to report crimes and support police work reduces crime and helps people to feel safer in the community



Social learning & inclusion

A smart city with the appropriate digital technology can facilitate social learning and increase social cohesion.

Imagine learning in the park or any outdoor space together, or groups with common interests being able to find each other and learn together all based on the smart technology in our city.



Digital learning platforms

A smart city with the appropriate digital technology and civic platforms will enable individuals to self manage their own learning journey.

With the ability to find what I need for personal or professional learning and life



City of Melton

In the City of Melton I learn throughout my life, I have equitable and inclusive access to local opportunities to learn for all aspects of my life.

To prosper, grow and innovate, Melton needs highly-skilled people, people with increasingly sophisticated skills and digital competencies.

Digital technologies can excite and engage educators, learners, families and communities in learning. In utilising a City of Learning model, digital technologies are embraced and welcomed for their ability to equalise access to learning and to record and manage the learning of new skills for work and life.



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