

Local Life and Green Economy



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Description

People are shifting to a “Local Life” which is greatly affecting the mobility ecosystem. People and businesses are shifting from the physical to the digital world e.g. e-commerce, telecommuting, telehealth.

1. Telework

- The share of **teleworking** is **increasing** worldwide, especially in advanced countries as the USA with a **growth of 115%** in the last decade
- Technologies such as **VR and AR** are **improving the quality** of telework by enhancing the quality of engagement from remote locations, allowing users to meet in virtual locations instead of travelling to physical ones
- Estimates in the US point to **530 million trips avoided** and **7.8 billion vehicle miles not travelled**, as well as 3 billion tons of GHGs not generated

2. E-commerce

- The **global e-commerce market** is expected to grow **4 times faster than the overall retail market** during 2017-2020 period
- This has several implications for urban mobility, such as **increasing freight transport requirements**
- Technologies such as **VR and AR** are contributing to the growth of e-commerce by providing **enhanced retail experiences** to customers

3. Additive manufacturing

- The **global additive manufacturing market** (3D printing) is expected to **reach ~18bn USD by 2025** and have significant impact on transport, including:
- **Reduced freight movement** as raw material is shipped in bulk
- **Reduced manufacturer-consumer distribution** as part of production process will take place at people's home
- Change in consumer travel behavior with **fewer journeys for shopping**

Tags

3D Printing

Future mobility

Key Trend

additive manufacturing

e-commerce

teleworking

STEEP

- Social
- Economical

Links

TRENDS

Country Lifestyle

Craft is back

End of the Oil Economy

Ethical Consumption

Flexible Working

Flying Shame

Green and Healthy

Rise of Circular Economy

Shift towards Local Production

The DIY* Lifestyle (*Do-It-Yourself)

The new Economy

Projects

RTA Future Scanning - Information & Trends

Rating criterion	04.06.2020
Importance	