

EPI 1 – Smart Cities

1. The future of cities

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Narrator: So, what is the future of cities? Global population is currently more than 7 billion, and is predicted to be around 10 billion by 2050. Most of the population growth will happen in the urban areas. So cities will need to change in order to adapt to the population growth. It will be necessary to have enough food and water for the whole population. And nature will have to be protected and respected, even if the demographic growth is strong. Food production might move to vertical farms in skyscrapers, rooftop gardens, or vacant lots in city centres. Electricity will increasingly come from multiple sources of renewable energy.

Instead of single-family homes, more residences will be built vertically. We may see buildings containing everything that people need for their daily life, in order to reduce transport and pollution. Sustainable development will help cities to be more independent in their production of food and energy. The future city will have to be creative and environmentally-friendly in order to offer services and comfort to its population. How can we use new technologies in this revolution?