



INNOVATION

Schneider Electric

A global specialist in energy management and automation

Life Is On

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“There can’t be a digital world without electricity.”

– Jean-Pascal Tricoire, CEO Schneider Electric



Electricity is the Backbone.

Big Data and Smart Cities cannot exist without reliable power solutions.

Digital is synonymous with electricity.

The International Energy Agency reports that electricity is the “fuel” of the future. Global electricity demand grew by 4% in 2018, pushing electricity to 20% of the total global consumption of energy.

Urbanization is rising.

Energy Consumption is rising.

An additional 2.5 billion people will live in cities by 2050, and cities and suburbs will transform significantly. Energy and mobility are the two key pillars of these transformations.



Schneider Electric: Leading the Digital Transformation of Energy Management and Automation for our Customers Worldwide

Benefits of Digitized & Decentralized Electricity:

- Reliability
- Resiliency
- Efficiency
- Sustainability/Lower Emissions
- Mobility
- Public Health & Safety



Schneider Electric: Key Policy Recommendations

- ✓ **Invest in infrastructure** to electrify Smart Cities of the future:
 - Gov'ts must identify ways to incentivize infrastructure modernization through grants, tax incentives, etc. (new fully connected infrastructure or optimized/upgraded legacy systems)
 - Int'l efforts should seek to accelerate UN SDG-7: Access to Electricity (1.3 bn people in some of the most deprived parts of the world still do not have access to electricity)
- ✓ **Establish coordinated planning at municipal/reg'l/nat'l levels** to:
 - Identify strategic or core objectives for transformation
 - Identify the barriers/obstacles
 - Identify solutions to overcome the barriers
- ✓ **Modernize regulations and laws** to eliminate barriers:
 - Review/revise outdated energy regs to enable decentralized/connected models for Smart Cities
 - Adopt modern trade agreements to enable the cross-border flow of data

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