

Clean air and carbon reduction

Longer Term Investments (LTI)

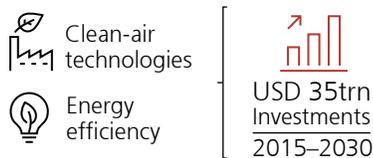
Clean air is a basic human need, but it is threatened by rising pollution. Global population and GDP growth as well as urbanization are increasing demand for energy which is still largely generated from fossil fuel. However, innovation is increasingly providing solutions. The transition to more efficient energy sources is helped by technological progress and lower-cost solar and wind energy, as well as batteries and other



Projections and opportunities

Clean air investments

In areas like clean-air technologies or energy efficiency, cumulative investments of above USD35trn are expected between 2015 and 2030.



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Retirement of coal capacities

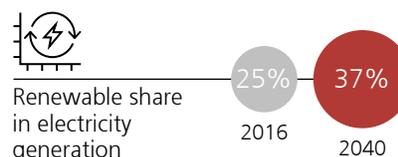
Global utilities will need to retire 200-400 GW of inefficient coal capacity out of the 1,200 GW installed base within the next 15 years.



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Renewable energy growth

The renewable share in electricity generation is expected to equal 37% by 2040, which compares to today's figure of 25%.



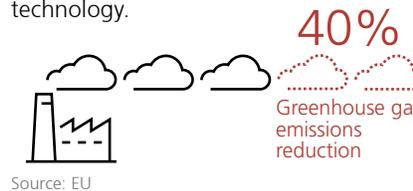
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Carsten Schluffer, Analyst, UBS Switzerland AG

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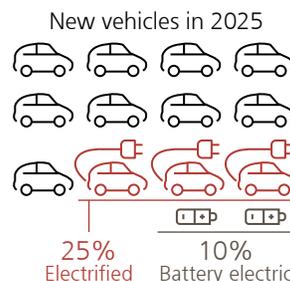
Greenhouse gas reduction

The EU aims to cut greenhouse gas emissions by 40% (compared to 1990 levels), a transition calling for clean-air technology.

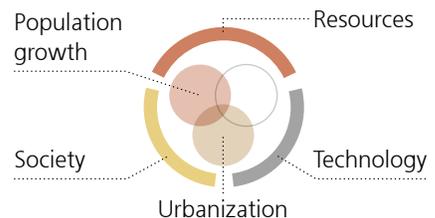


Car electrification

25% of new vehicles sold globally are expected to be electrified by 2025, with at least 10% being battery electric.



Clean air & carbon reduction investment properties



○ Influencer ⊗ Key drivers

Near-term drivers

- Technological progress
- Falling costs of clean-air and carbon reducing technologies
- Political support
- Air pollution
- Climate Change

Sustainable investing impact

- Renewable energy
- Energy efficiency & storage
- Clean fuels
- Emission control technology
- Carbon capture/storage

Impact investing (UN SDGs)

- SDG 3: Good health and well-being
- SDG 13: Climate action
- SDG 11: Sustainable cities and communities

To learn more contact your financial advisor or go to:
ubs.com/lti



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