Summary of International Energy Agency (2020)  
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**Summary**

The International Energy Agency has created a detailed report in collaboration with the International Monetary Fund on suggestions for what governments can do to mitigate this and future crises. The report is focused on economic growth, job creation and resilience and sustainability of energy systems.

**Implications for infrastructure**   
The report gives specific recommendations for measures in six key sectors, which may be of interest to infrastructure companies: electricity, transport, industry, buildings, fuels and emerging low-carbon technologies.

**Stock-and-flow diagram**

Both a ‘quick recovery’ and a ‘green recovery’ will be beneficial to jobs (see Figure 1). While a ‘quick recovery’ may focus on preventing job loss, a green recovery is focused on job creating in the short term, which comes at an initial cost of job loss but is followed with balancing out job loss in the long term through increases resilience in the energy sector.

The sustainability transition is tightly dependent on infrastructure investments as they are the main factor for energy use, affecting renewable energy adoption. The government, as well as private actors, have a key role to play in the transition. IEA (2020) reports that the biggest impact for 2021-2023 investments will be in energy efficiency, which would create jobs and positive affect climate goals.

The key message from the report is that, despite temporary reductions in energy demand, renewable energy sources have fared better during this crisis. Hence, the main focus should be on improving the resilience of energy systems because of the inevitable incoming climate change shocks and instabilities. For the moment investing in the sustainability transition is the best known way to improve resilience and it is the subject of a call to action in the report.



Figure 1. Stock-and-flow diagram based on International Energy Agency (2020). The dotted arrow is an assumption induced from the document.

**References**

International Energy Agency (2020) *Sustainable recovery.* https://www.iea.org/reports/sustainable-recovery accessed on 26th of October 2020.