



Fall in Global Carbon Emissions

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Why in News

Center for International Climate and Environmental Research Covid-19's carbon emissions. Recently, the (CICERO) has evaluated effect on

Key Points

- **fall between 4.2 and 7.5% against a rise of 1% pandemic** It has predicted that emissions will on last year, as which was earlier predicted for 2020 before the outbreak.
- **International Energy Agency Global Energy Review: 2020** Earlier, the (IEA) released with details on the effects of the pandemic on global energy demand and carbon emissions.
- **India, improved the air quality.** In the nationwide lockdown led to minimal air pollution and
- **Data Analysis:**
 - **5% lower** Carbon emissions were than during the same time in 2019.
 - **Decline coal emissions oil emissions natural gas emissions** was noticed in (8%), (4.5%) and (2.3%) as well.
 - **impacted the highest by the disease.**
China and Europe, USA. For example, there was an 8% decline in emissions in and a 9% decline in the
Emissions declined the most in regions which were
 - **lockdown full average decline of 25% partial lockdown, 18% per week.**
Countries in are seeing an in energy demand per week, while in those with a the fall in energy demand is about

- **Reasons:**
 - **lockdowns restricted road and air travel.**
carbon-intensive fuels saw the biggest fall In the first quarter of 2020, most in demand.
Global energy demands have lowered due to the and
 - **decline in carbon emissions** It led to the which was more than the fall in global energy demand.
 - **Commercial demand fell and domestic electricity demand increased.** for energy has as people are confined to their homes. However, has
- **Implications:**
 - **not slow down climate change cumulative problem** This temporary decline in carbon emissions will as it is a and a drop from one single year will basically make no difference at all.
 - **A 5% drop is equivalent to 0.001 degree Celsius less warming.**

Center for International Climate and Environmental Research

- **Norway's interdisciplinary climate research.** It is foremost institute for
- **Intergovernmental Panel on Climate Change** It has played an active role in the (IPCC), since 1992.
- **national role internationally recognised** CICERO has a in promoting knowledge about climate change and is as a driving force for innovative climate communication.

International Energy Agency

- **autonomous** It is an organisation which works to ensure reliable, affordable, and clean energy.
- **established in 1974, oil crisis of 1973 OPEC cartel** It was in the wake of the after the had shocked the world with a steep increase in oil prices.
- **Paris, France.** It is headquartered in
- **World Energy Outlook report** It releases the , annually.
- **India associate member in 2017.** became its

Way Forward

- **emissions will soar once economies restart.** The reduced emissions are not something to celebrate as it is expected that
- **sustain conscious decisions to change the sources of energy** The only way to the reduced emissions is governments taking like moving towards renewable energy sources.

Source: IE