





#### **Drafting a Sustainability Agenda During COVID-19**

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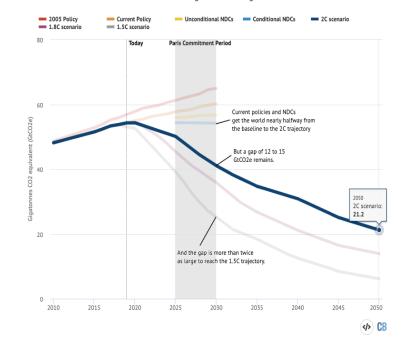


# Paris Climate Change Agreement -2015

Number of parties that nave submitted an I/NDC	192	CARBON BRIEF'S I/NDC TRACKER	Parties that haven't submitted an I/NDC	3
Share of global emissions covered by I/NDCs	87.6%	DATA SUMMARY	Emissions not covered	12.4%
Country	Date	Summary of the I/NDC	Link to I/NDC	Share of 2012 GHG
China	30/06/2015	A peak in carbon dioxide emissions by 2030, with best efforts to peak earlier. China has also pledged to source 20% of its energy from low-carbon sources by 2030 and to cut emissions per unit of GDP by 60-65% of 2005 levels by 2030, potentially putting it on course to peak by 2027.	http://www4.unfccc.int/ndcre	23.75%
USA	31/03/2015	[The US plans to withdraw from Paris and not meet this pledge] 26-28% domestic reduction in greephouse gases by 2025 compared to 2005, making its best effort to reach the 28% target. This includes the land sector and excludes international credits at this time. Carbon Brief has a more detailed article on the US INDC.	http://www4.unfccc.int/ndcre	12.10%
EU	06/03/2015	At least a 40% domestic reduction in greenhouse gases by 2030 compared to 1990 levels. Carbon Brief has a more detailed article on the EU INDC.	http://www4.unfccc.int/ndcre	8.97%
India	01/10/2015	A 33-35% reduction in emissions intensity by 2030, compared to 2005 levels. Also pledges to achieve 40% of cumulative electricity installed capacity from non-fossil fuel based resources by 2030. Will also increase tree cover, creating an additional carbon sink of 2.5 to 3 billion tonnes of CO2 equivalent by 2030. India intends to cover the \$2.5 trillion cost of its pledge with both domestic and international funds. Includes information on adaptation.	http://www4.unfccc.int/ndcre	5.73%

Carbon Brief Paris Climate Tracker

Greenhouse emissions remain far off track for global climate goals



https://www.carbonbrief.org/paris-2015-tracking-country-climatepledges



## Impact of Covid -19

#### Medical Care Factors

- Medical Waste 129 billion face masks /month & 65 billion plastic gloves/month! (Ref:BBC news)
- Increased Plastic Consumption and decreased recycling 200 tonnes of trash produced per day in Wuhan alone during the peak of the pandemic.

#### Behavioral Factors

- Shifting Allocations Earmarked funds for environmental sustainability to be diverted
- "Unshared" Economy solo travel, focus on personal vehicles, hotels and flights run below capacity
- Overstocking and Overproduction Food Supply Chains?





## Impact of Covid -19 (contd.)

#### Economic Factors

- Decoupled Supply Chains
- Economic Revival Financial stimulus packages with relaxed norms on carbon emissions, boomerang effect on carbon emissions? Bailouts of carbon polluters?

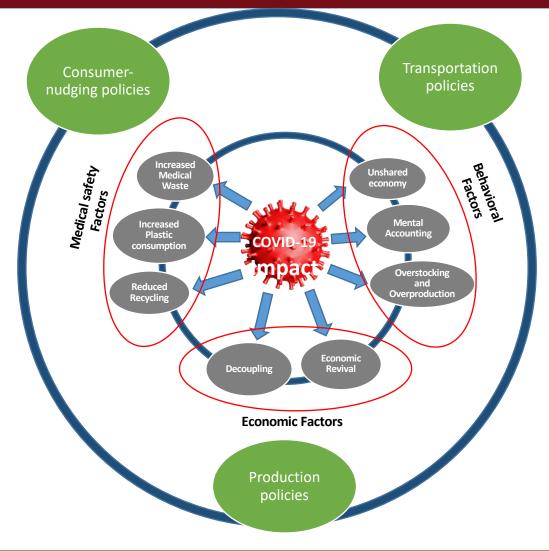


https://www.bbc.com/news/av/science-environment-53287940/coronavirus-themasks-you-throw-away-could-end-up-killing-a-whale





### Impact of Covid -19 (contd.)







## The Way Forward?

- Production policies IoT, robotic segregation of waste, re-emphasize recycling, remanufacturing
- Transportation policies Balance growth of private vehicles by subsidizing development of eco-friendly vehicles.
- Consumer-nudge policies Close the gap between intention and action





# Thank you



