# Getting on track with the Paris Agreement with Covid-19 stimulus funds

Marina Andrijevic RFF-CMCC-NAVIGATE Webinar December 17 2020





#### INSIGHTS

#### POLICY FORUM

CLIMATE AND ENERGY

## **COVID-19 recovery funds dwarf clean energy investment needs**

A modest fraction of current global stimulus funds can put the world on track to achieve Paris Agreement goals

By Marina Andrijevic<sup>1,2</sup>, Carl-Friedrich Schleussner<sup>1,2</sup>, Matthew J. Gidden<sup>1,3</sup>, David L. McCollum<sup>4,5</sup>, Joeri Rogelj<sup>3,6</sup>

#### COVID-19 stimulus dwarfs clean energy investment needs



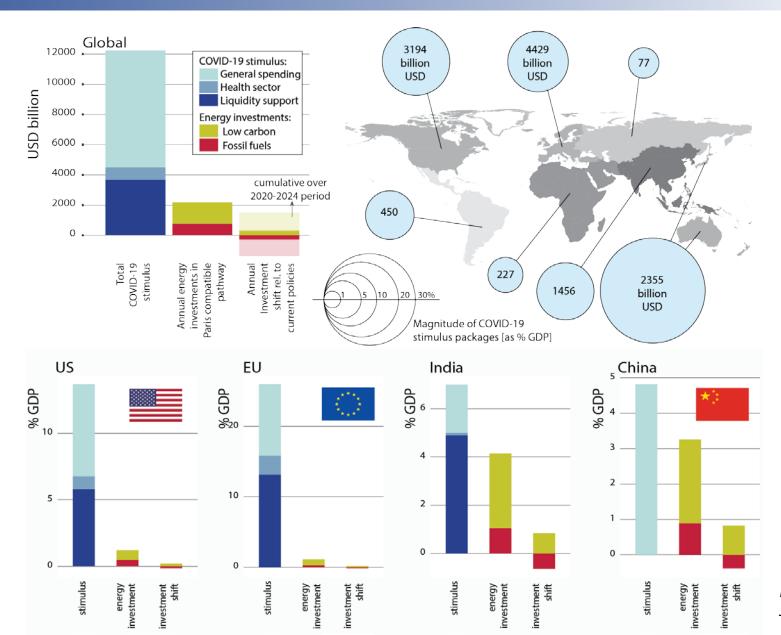
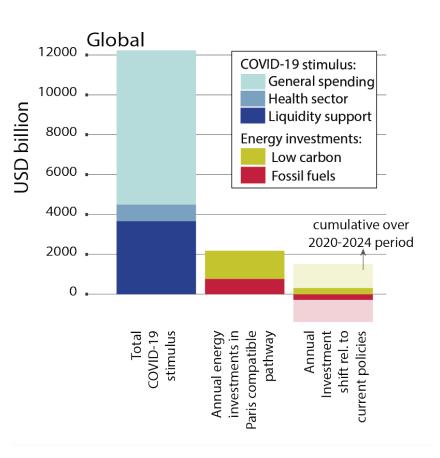


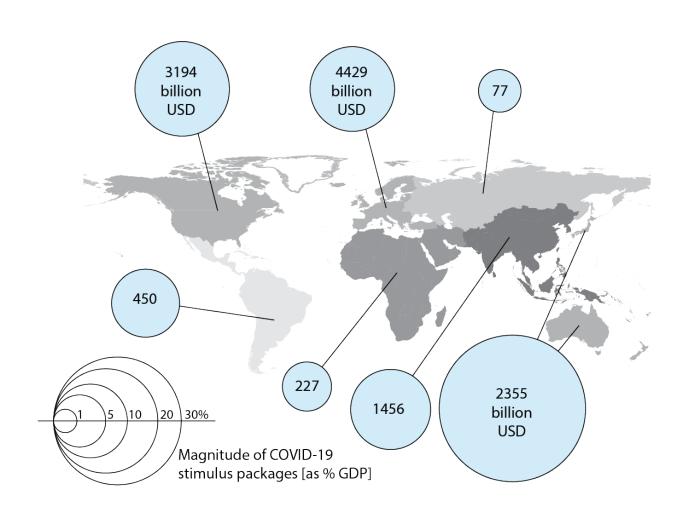
Figure credits: Joeri Rogelj



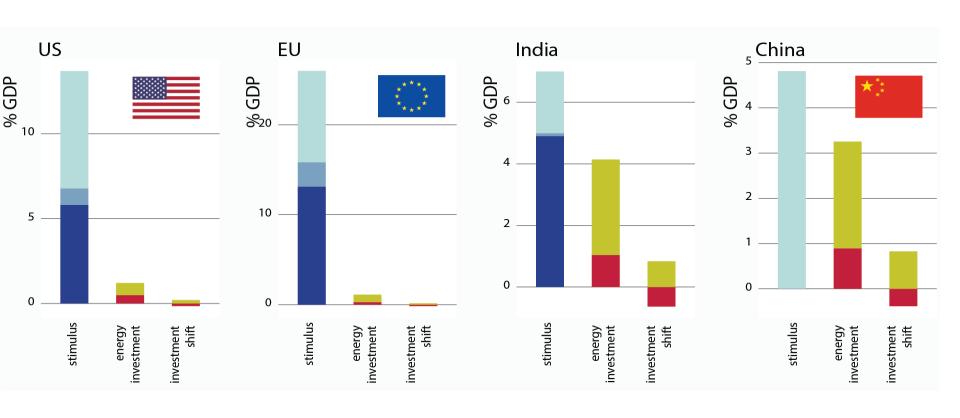


- Over USD 12 trn in stimulus packages (about ~15% of the global GDP)
- Details of spending still largely unclear and estimates of the packages vary between institutions
- Total annual investments in low-carbon energy in line with the PA: USD 1.4 trn (~10% of the global stimulus)
- Shifting from current policies to the 1.5C pathway: USD 300 billion additional investment into low-carbon investments per year









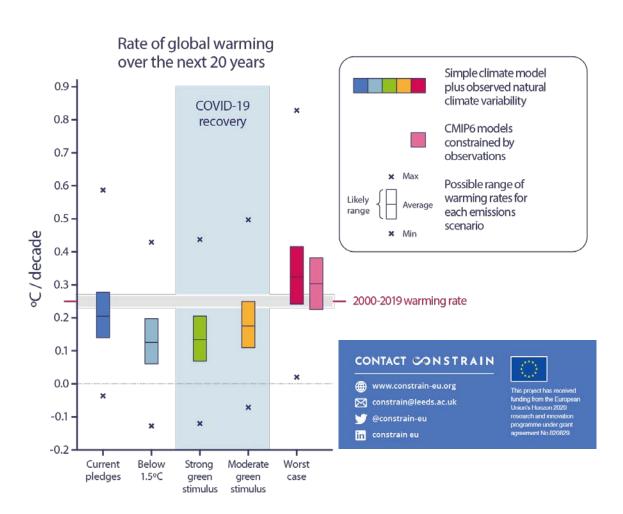


## What is the impact of a green recovery on climate change?

#### Findings from the upcoming CONSTRAIN report



Green stimulus can halve the amount of global warming accumulated over the next 20 years



#### Key takeaways



- Tackling climate change is well within the budget
- Large disparities exist between countries and regions in capacity to address both the pandemic and decarbonization
- The effects on the rate of global warming are visible in the near term





### Thank you for listening!

Contact me at: marina.andrijevic@climateanalytics.org