COVID-19 impacts on major economies of the world

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This map outlines the social and economic impacts that COVID-19 pandemic has made on the top 10 global economies.
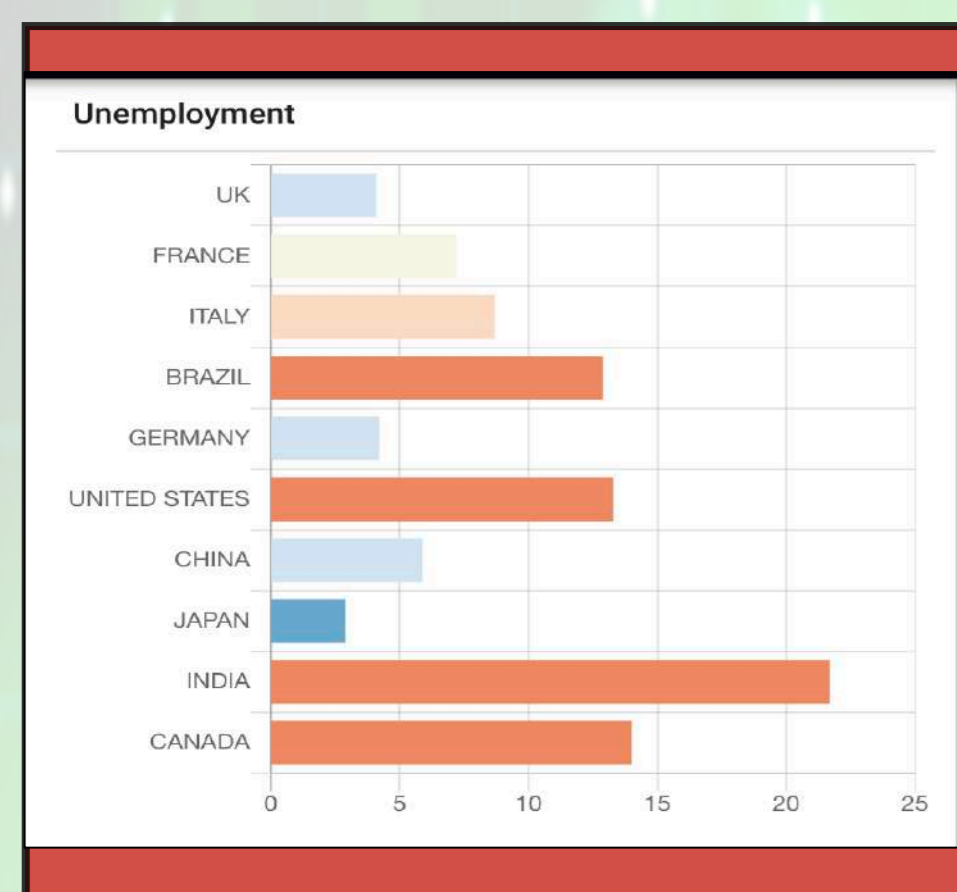
With this interactive map, the changes in GDP and employment level, over a period of 2019-21 can be analyzed. It also gives the amount of money that these governments have spent for the containment of virus as well as to support their economy.

PURPOSE

The unrelenting impact of COVID-19 reminds us why the United Nations Secretary-General calls the Pandemic a "human crisis"[1]. Thousands of business have been forced to shut and millions of people have lost their jobs.
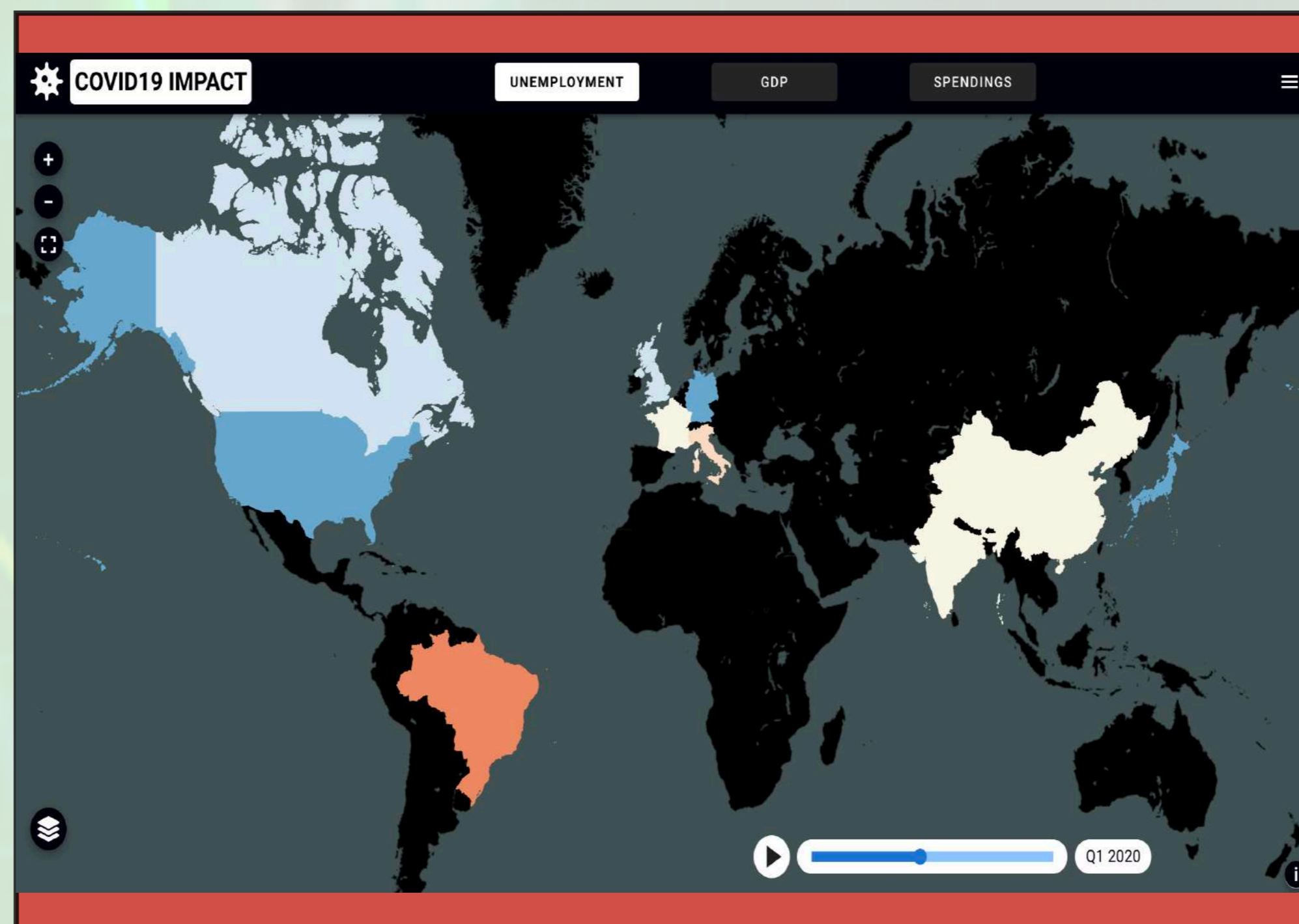
This map has been designed to give it's users an idea of the impact this pandemic has made on world's largest economies and also gives the prediction for 2021. This map has 3 components namely GDP, unemployment and spending, which can be used to interact with the map.
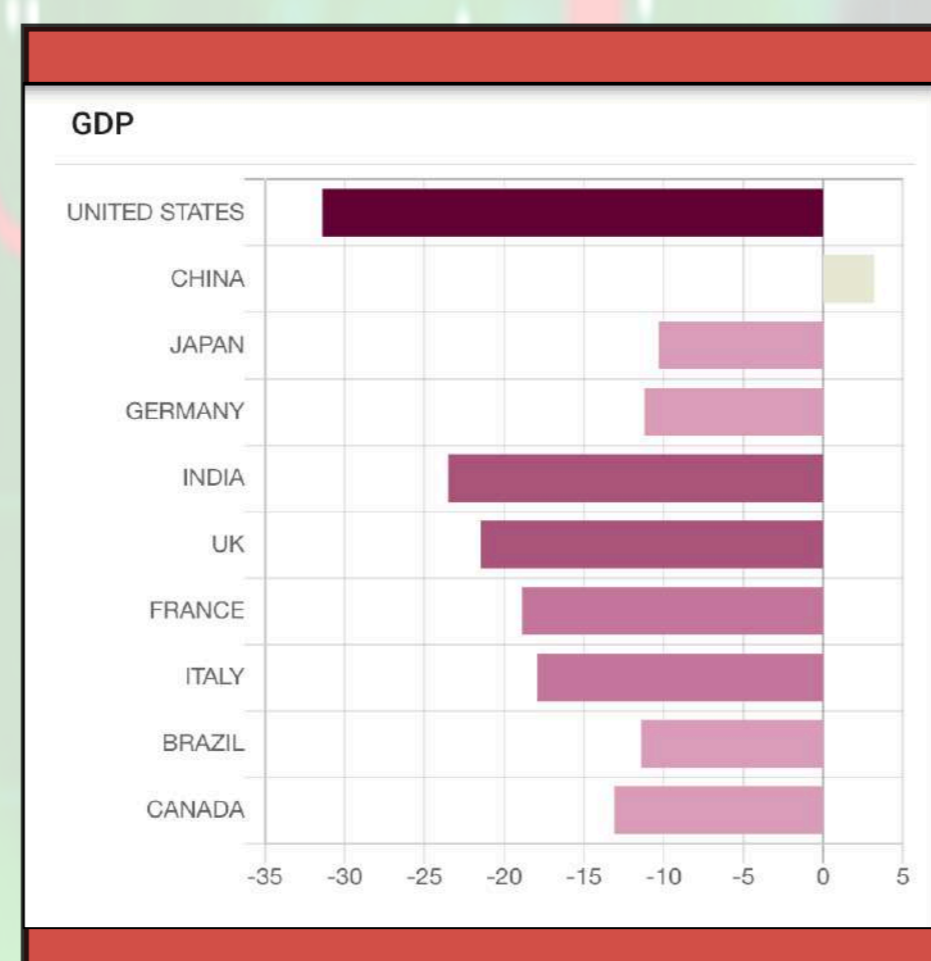
COMPONENTS

Sidebar showing unemployment **(Fig.2)**

This map has an interactive sidebar which can be enabled to analyze all three parameters at the same time using the time slider. The charts in the sidebar automatically switch as per the main tab selected by the user at the center.
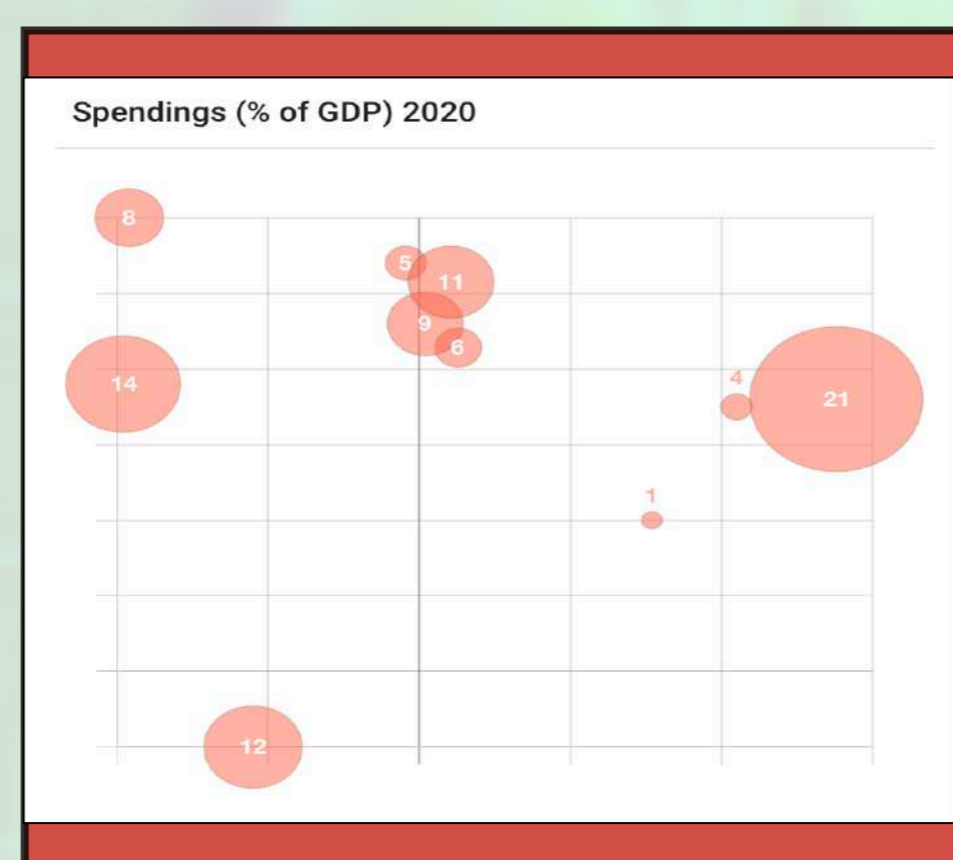
*An overview of the map **(Fig.1)***

*Sidebar showing GDP **(Fig.3)***

So, the main tab selected will be displayed as a map at the center and other two parameters will be displayed as a chart in the sidebar. In Fig.4, the bubble chart shows the spending by these government to

*Sidebar showing spending **(Fig.4)***

support their economy and to contain the spread of virus. This bubble chart (Fig.4) shows the location of the bubbles relative to the countries geographic location on a world map (Canada and US on the west and Japan in the east).

CONCLUSION

The socio-economic impact of this virus on these economies is tremendously large. Their GDP has fallen worst in decades. Unemployment rate is at it's peak in years. Beyond primary effect, UNDP has determined that the effect of this pandemic will hit fragile contexts hard across the economic, environmental, social, political and security dimensions in future[1].

Food insecurity is pushing people towards chronic hunger[1]. Though some countries are showing a positive outlook for GDP and employment in 2021, but it is just a prediction. Developing nations like India and Brazil will have the effect for longer terms compared to Developed nations.

As per the latest data collected for this map, US, China and Brazil will have a better growth rate in 2021 compared to other countries analysed in this map.

REFERENCES

[1] Gregory Conor, Programme specialist, UNDP. https://www.undp.org/content/undp/en/home/blog/2020/understanding-what-data-tell-us-about-covid-19s-socio-economic-i.html
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