

Response to COVID-19 on Tourism and Environment

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Objectives

- ▶ Encouraging the awareness of being cautious of infection of COVID-19
- ▶ Deepening the knowledge of the social issues around the globe from COVID-19
- ▶ Emphasizing the potential of development in tourism despite the current situation
- ▶ Stating the advantages of states from the environmental view

Introduction

- ▶ 2019 December 31st - Outbreak of an infectious disease identified in Wuhan, China
- ▶ 2020 January 11th - Confirmation of cases of the disease in Thailand, which is the first recorded case outside China
- ▶ 2020 January 30th - Declaration of global emergency by WHO
- ▶ 2020 February 11th - Disease officially named as Coronavirus disease 2019 (COVID-19)

Global impact from COVID-19

Global Situation

52,487,476

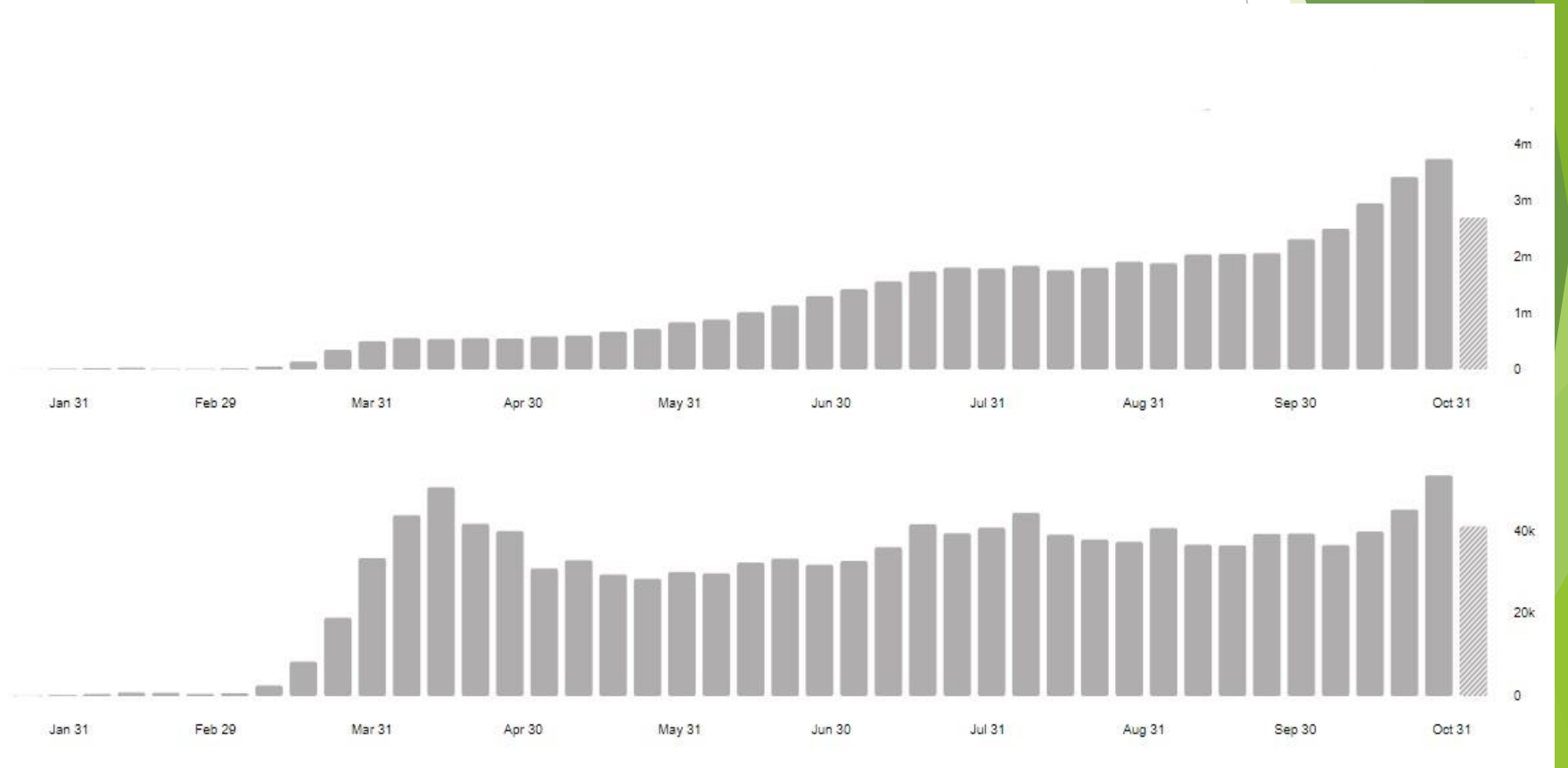
confirmed cases

1,290,653

deaths

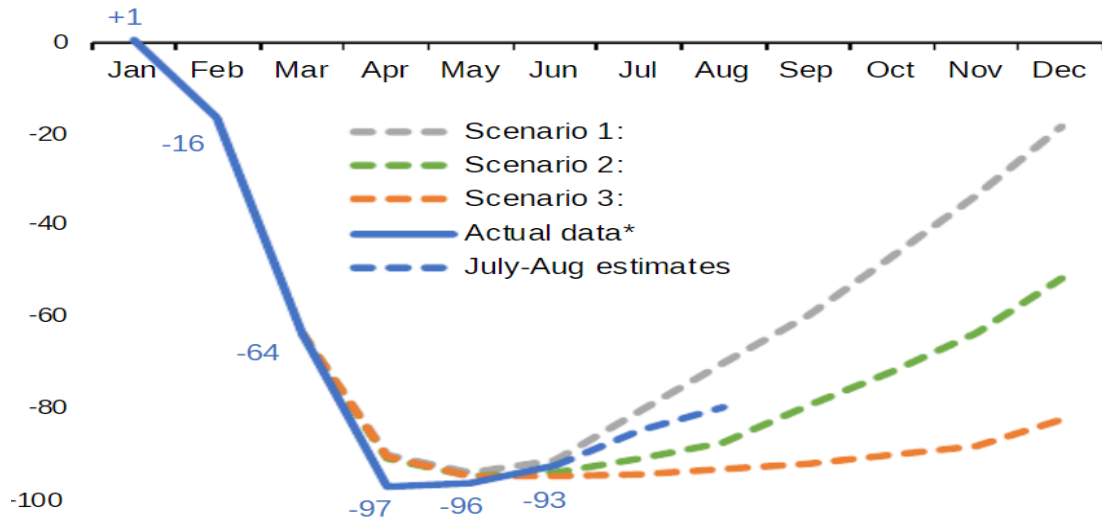
Source: World Health Organization

▨ Data may be incomplete for the current day or Dec 31 week.



Effects on tourism

International tourist arrivals in 2020: YTD results and scenarios (y-o-y monthly change, %)

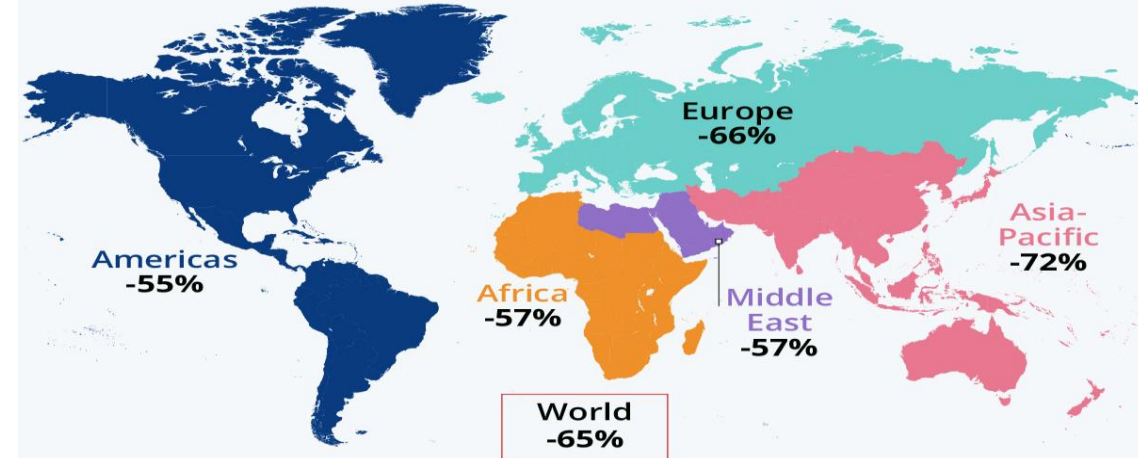


Source: UNWTO

*Actual data includes estimates for countries which have not yet reported results.
Dotted blue line corresponds to UNWTO estimates for July and August 2020.

COVID-19's Crushing Impact On International Tourism

Change in international tourist arrivals from January through June 2020 vs. 2019



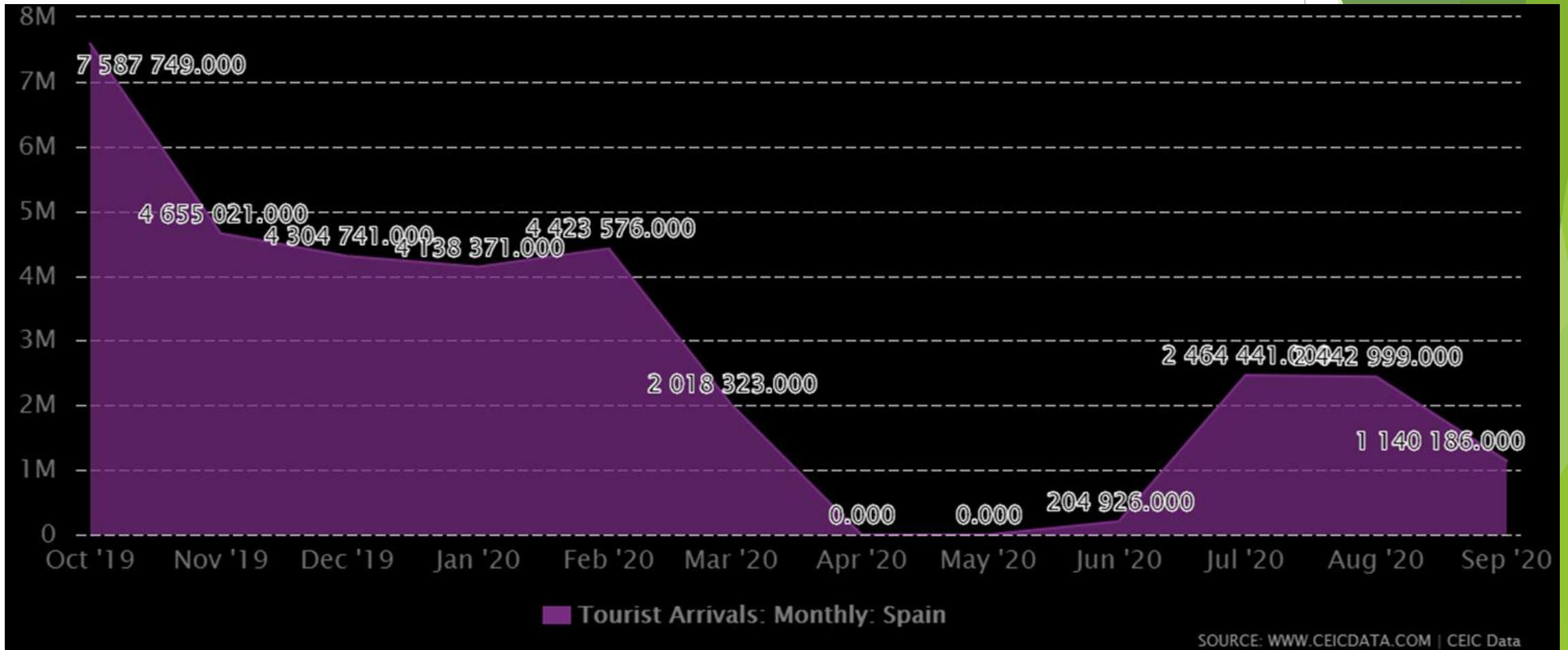
Source: UNWTO



statista

- ▶ Quarantine after arrival in states from March
- ▶ Travel restrictions in all destinations from April 20th
- ▶ Drastic decline rate of international tourist arrivals
- ▶ 100 million tourism jobs at risk
- ▶ Decrease of GDP in average of 2~3% worldwide

CASE STUDY: SPAIN

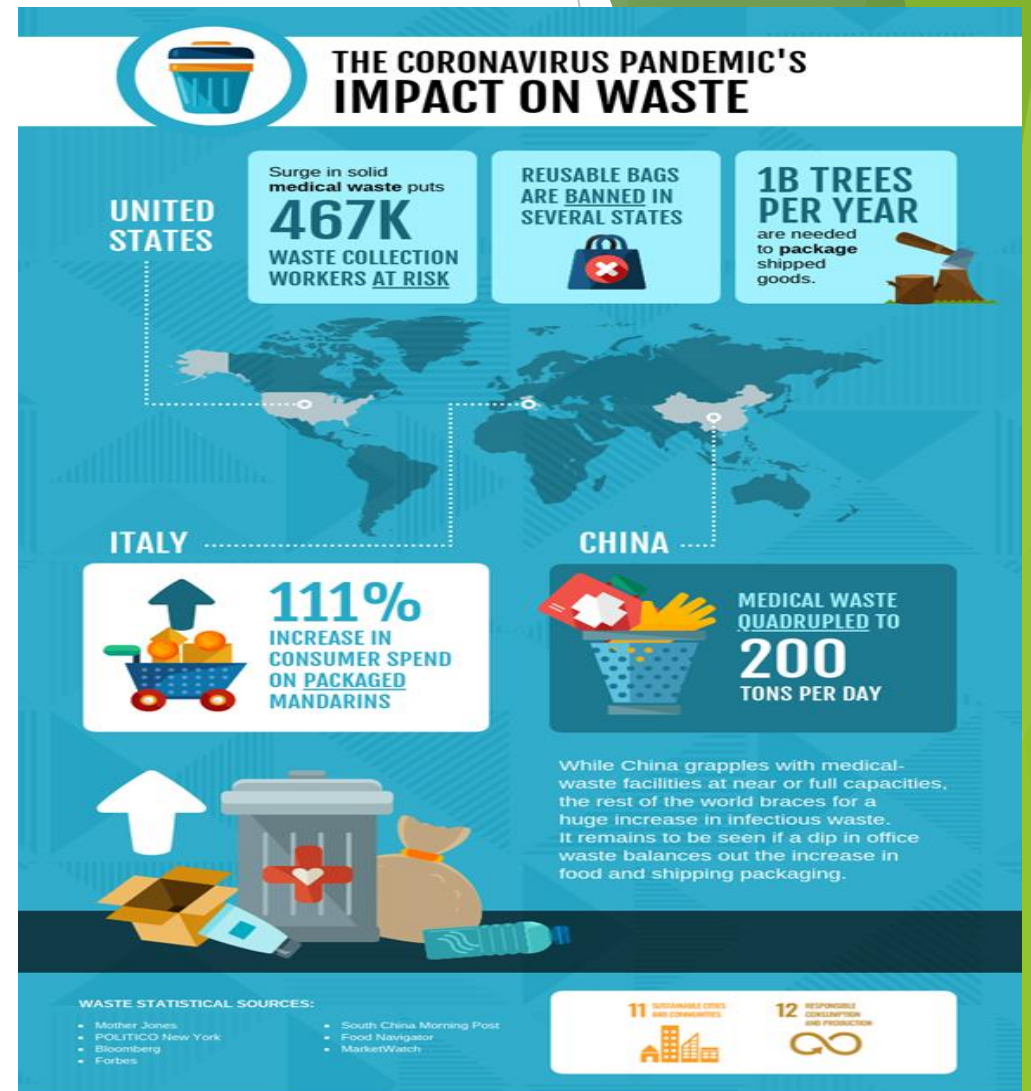


CASE STUDY: SPAIN

- ▶ Almost no tourists visiting in June and none from April to May
- ▶ The restrictions were lifted with revisits of tourists in July
- ▶ Outbreak of the second wave of the virus in August
- ▶ Overall record of 75% decrease of tourist numbers compared to 2019
- ▶ Unemployment rate of 14.4% and job losses of more than 1 million people

Effects on Environment

- ▶ Increase in indoor meals, increasing the waste producing rate
 - Ex: 111% increase in consumer spent packaged food
- ▶ Excessive amount of medical wastes produced due to lockdown
 - Ex: 200 tons of medical waste per day



Case study: Thailand

- ▶ Increased uses of food delivery applications due to lockdown led to waste pollution in local areas
- ▶ Nearly 62% of plastic waste were produced compared to 2019
- ▶ Approximately 3,440 tons of plastic waste per day were produced between January and April 2020

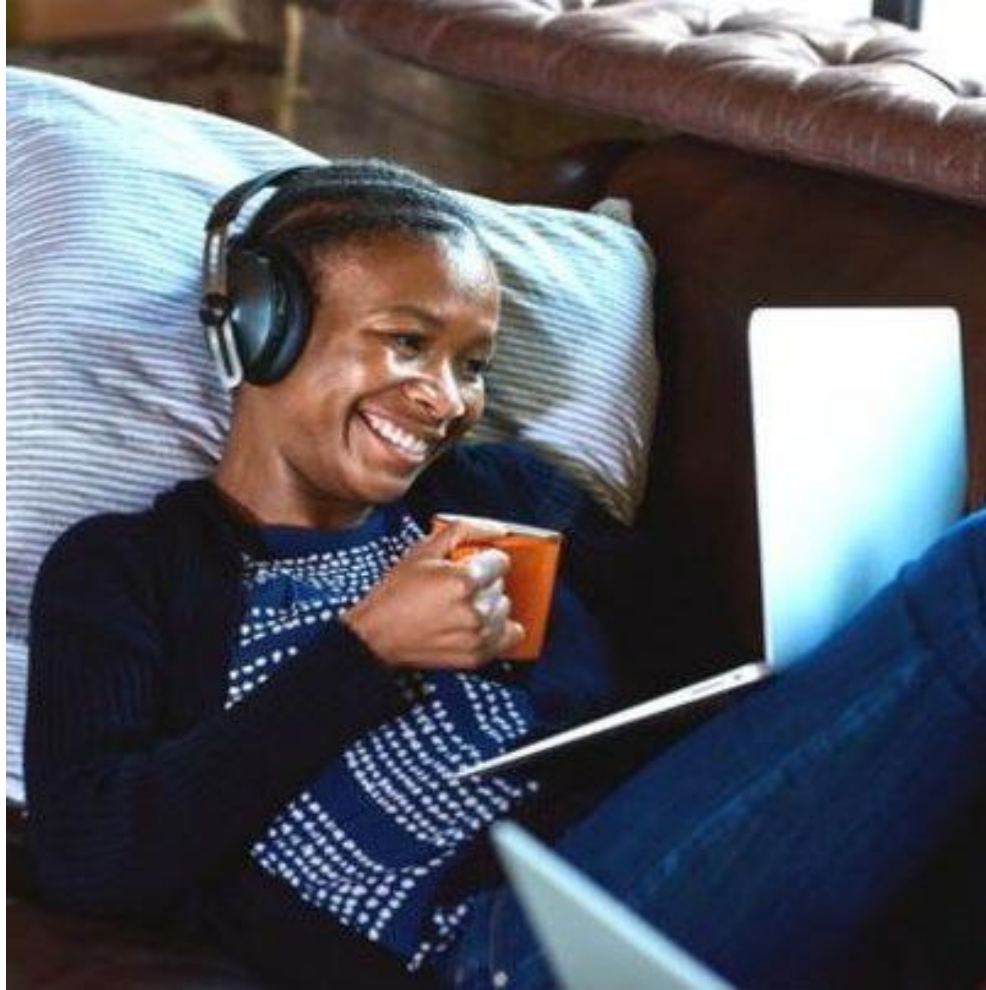


Opportunities for Local tourism development

- ▶ Possible tourist attraction with the uses of VR
- ▶ Possible tourist attraction while applying the regulation of COVID-19



Case study: China



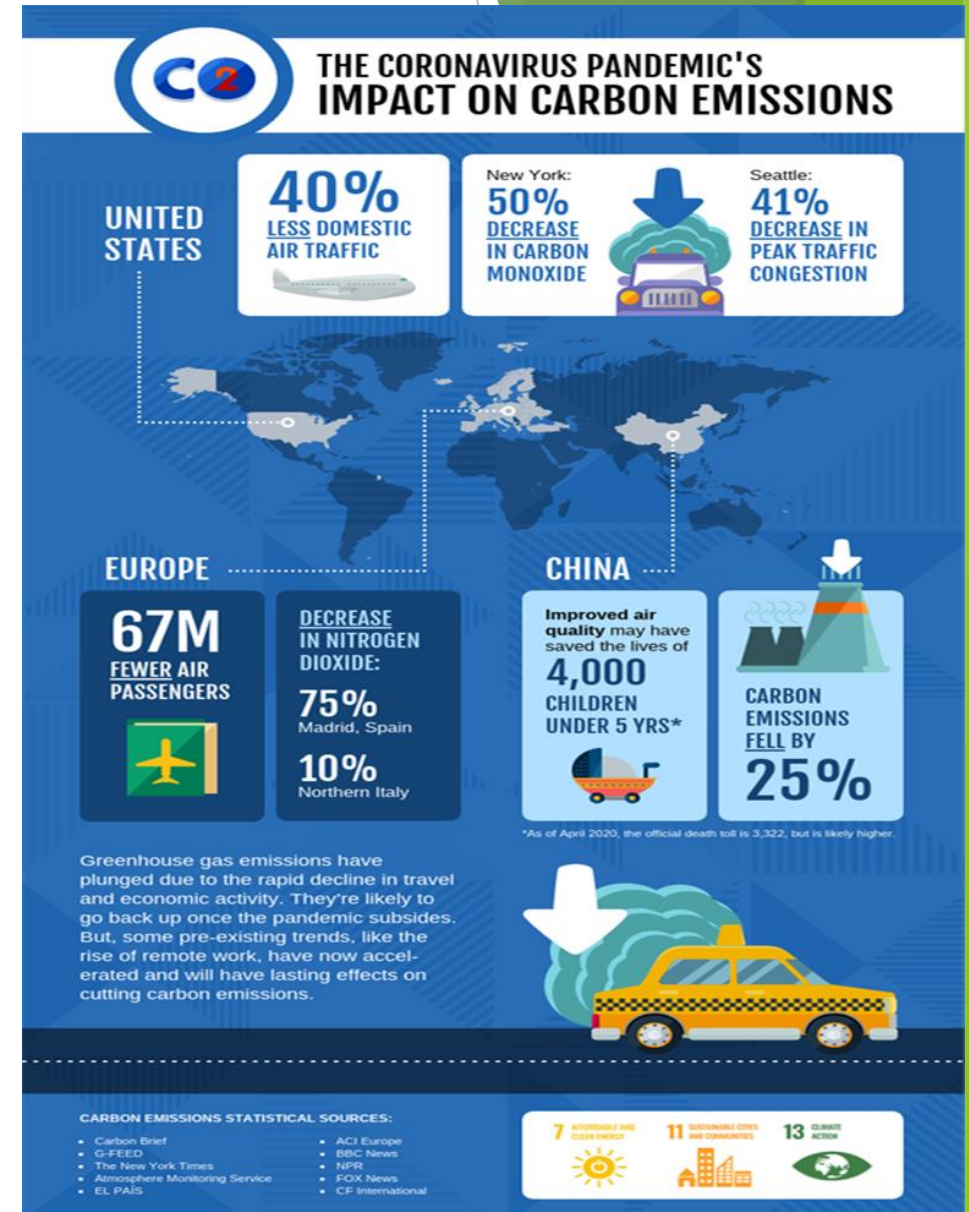
Case study: Belgium



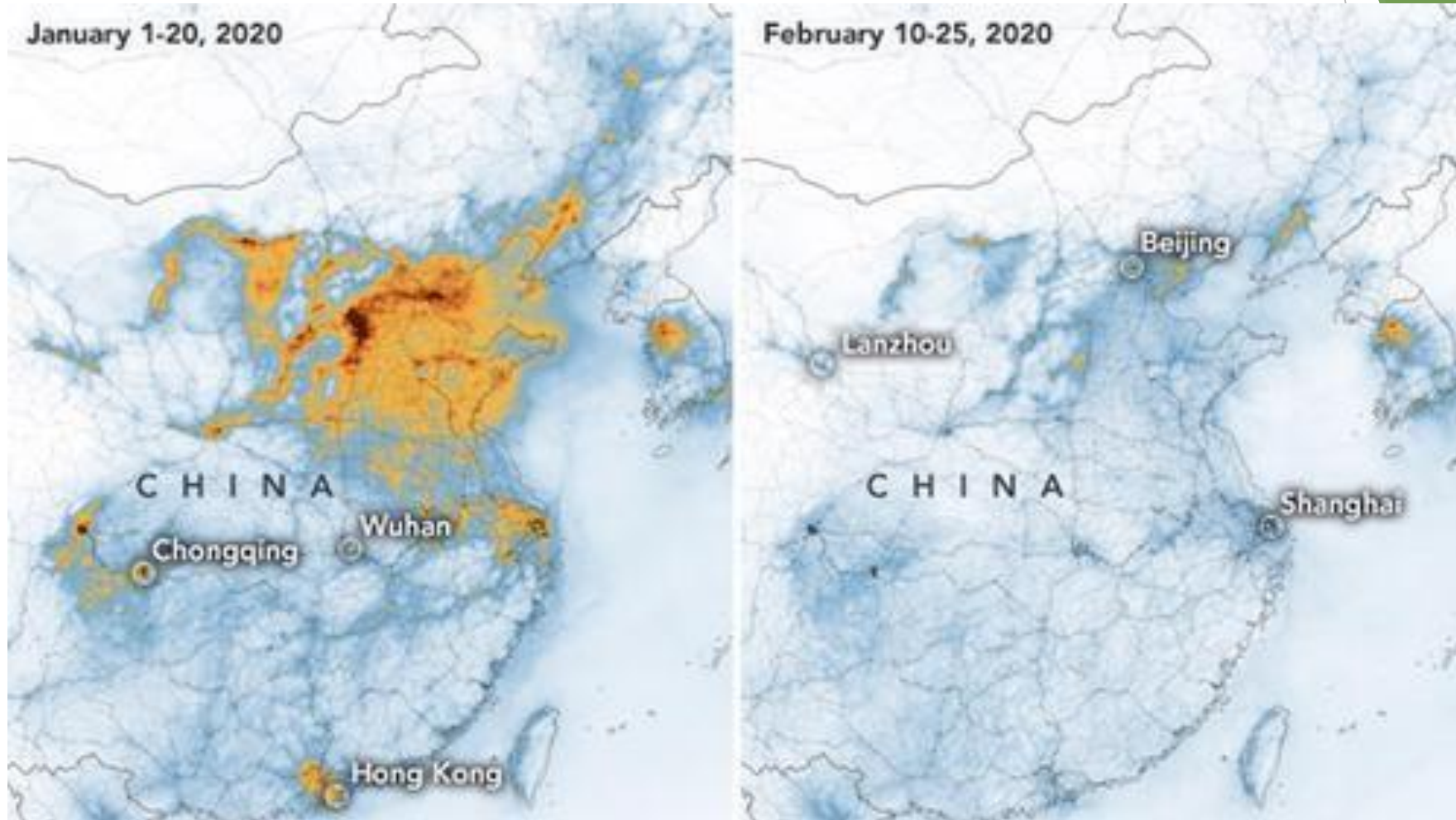
- ▶ A dining area in Brussels, 50m above the sky with corona prevention rules applied.
- ▶ The distance between each table is at least 1.5m, and the distance between guests at one table is at least 1m.

Positive influence on Environment

- ▶ Reduction of gas emissions
 - Ex: China's reduction of carbon emission by 25%
- ▶ Less air pollution from transportation
 - Ex: 50% decrease in carbon monoxide in New York, US



Case study: China



References

- ▶ <https://www.unwto.org/impact-assessment-of-the-covid-19-outbreak-on-international-tourism>
- ▶ <https://www.unwto.org/tourism-and-covid-19-unprecedented-economic-impacts#:~:text=Export%20revenues%20from%20tourism%20could,both%20developing%20and%20developed%20economies.>
- ▶ <https://www.reuters.com/article/us-health-coronavirus-timeline-idUSKBN23Z0UW>
- ▶ <https://venngage.com/blog/coronavirus-impact-on-environment-infographic/>
- ▶ <https://www.dw.com/en/coronavirus-aggravates-thailands-plastic-waste-crisis/a-53586789#:~:text=But%20the%20COVID%2D19%20pandemic,between%20January%20and%20April%202020.>
- ▶ <https://m.news.nate.com/view/20200927n02285>
- ▶ [https://www.e-unwto.org/doi/epdf/10.18111/wtobarometereng.2020.18.1.5#:~:text=International%20tourist%20arrivals%20\(overnight%20visitors\)%20saw%20a%20decline%20of%2065,%25%2C%20according%20to%20data%20available.](https://www.e-unwto.org/doi/epdf/10.18111/wtobarometereng.2020.18.1.5#:~:text=International%20tourist%20arrivals%20(overnight%20visitors)%20saw%20a%20decline%20of%2065,%25%2C%20according%20to%20data%20available.)

Thank you

The background features abstract, overlapping geometric shapes in various shades of green, ranging from light lime to dark forest green. These shapes are primarily located on the right side of the frame, creating a modern, layered effect. The rest of the background is plain white.