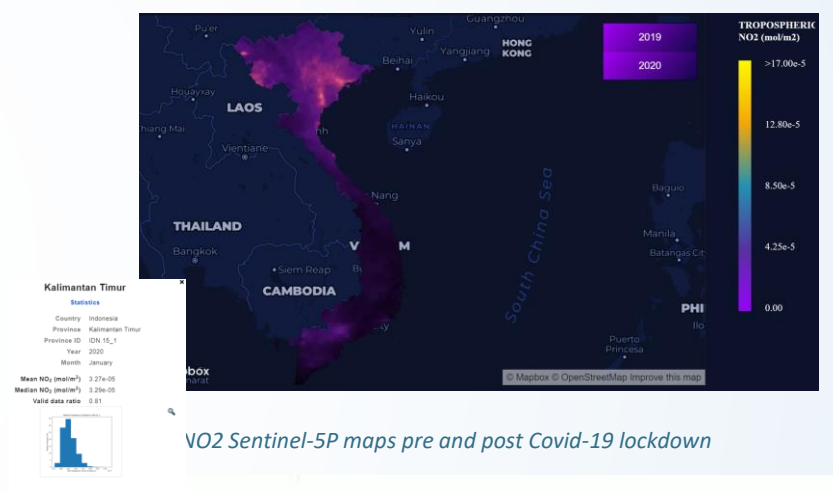




- User: Economists, cities, planners, regional governance, national governments
- Challenge/Needs: Monitoring NO2 as a proxy for post covid economic recovery as an added insight into correspond emissions activities in line with economic activities in Indonesia, Vietnam and MENA cities
- Initiative: Monitor air pollution and in particular nitrogen dioxide (NO2) using Sentinel 5P data and visualizing this for use by the World Bank in a customized platform relaying analytics and correlations.
- Results: A local analysis explored the NO2 patterns and behaviours across different areas in Indonesia and Vietnam before and during the COVID-19 crisis. Although the pandemic is a shared event, these areas show individual fingerprints and unique behaviours to this global situation. The platform is still in use.
- Service Provider: Space4Good (World Bank Group)

Target 13.1: Strengthen resilience and adaptive capacity to climate-related hazards and natural disasters in all countries.



NO2 Sentinel-5P maps pre and post Covid-19 lockdown



Sentinel 5P based NO2 emissions monitoring map over time.