

ESA RACE platform RAPID ACTION ON CORONAVIRUS AND EO

- User: governmental bodies, decision makers, public authorities
- Challenge/Needs: use EO data to better understand the effect of the COVID19 pandemic on transport and related pollution, its socio-economic impact and to observe recovery processes.
- Initiative: Joint cooperation between ESA and the European Commission on COVID19 and EO
- Results: RAPID ACTION ON CORONAVIRUS AND EO – RACE platform (<https://race.esa.int/>). The platform demonstrates how the use of Earth observation data can help shed new light on societal and economic changes currently taking place owing to the coronavirus pandemic.
- Service Provider: ESA (MEEEO as technical partner)



Target 3.3: By 2030, end the epidemics of AIDS, tuberculosis, malaria and neglected tropical diseases and combat hepatitis, water-borne diseases and other communicable diseases.



RACE platform maps and indicators – example on water quality regional map on North Adriatic sea. In the Venice lagoon, low Chlorophyll concentration pattern can be linked to the decrease of maritime traffic and tourism during the pandemic lockdown, as highlighted by high resolution Sentinel-2 images.



<https://race.esa.int/>