

Policies and policy instruments

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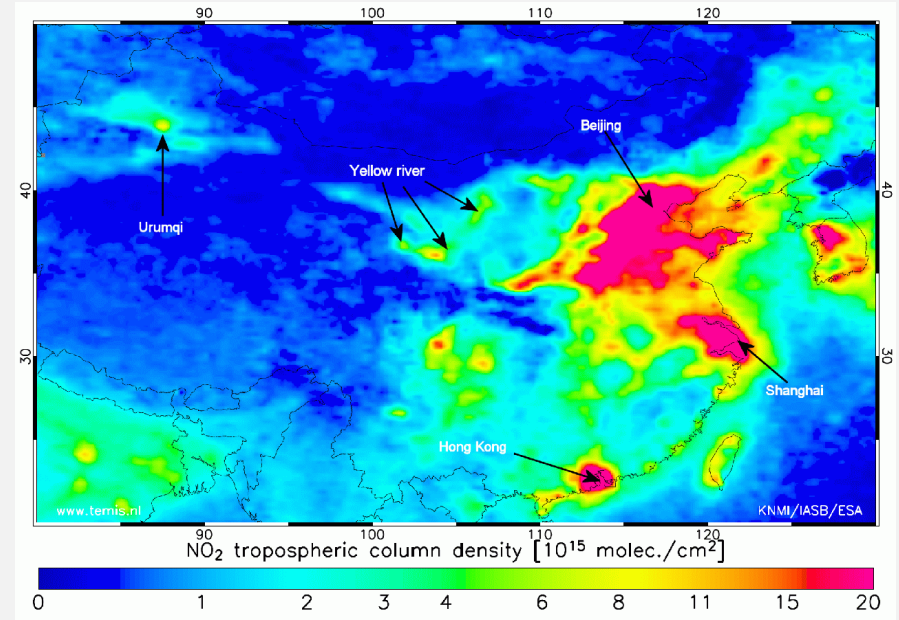
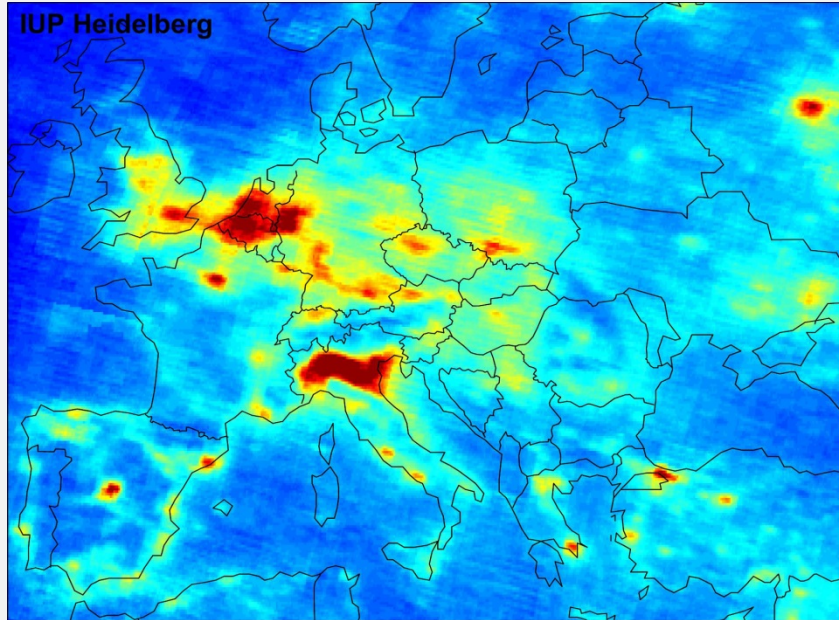
Air quality standards

Air pollutants

- NO_x
- SO_x
- Ammonia
- H₂S
- Particulate matter (PM 2.5, 10)



NO₂ levels - Sciamachy envisat images



Tropospheric Emission Monitoring Internet Service



Zero-Emission Vehicle (ZEV)

Air quality standards

- California was first to install Zero-Emission Vehicle regulation in 1990
- By 2050, 87% of cars to be ZEVs
- California state is co-funding :
 - Rebates on ZEVs
 - Roll-out of hydrogen infrastructure
 - Charging infrastructure for battery electric vehicles



Smart mobility strategies

- Mass rapid transit systems: train, metro, light-rail and bus rapid transit systems
- Zero emission public transport fleets
- More public space to walk and bike
- Environmental zones where the most polluting cars are forbidden



Smart mobility strategies

- Subsidies
- Exclusive parking areas
- Free parking permits
- Deploying EV charging stations
- Government ZEV fleet



Clean Mobility Package

1. New CO₂ standards
2. Clean Vehicles Directive
3. Battery initiative
4. Trans-European alternative fuels infrastructure
5. Revision of the Combined Transport Directive
6. Directive on Passenger Coach Services





Thank you for your attention !