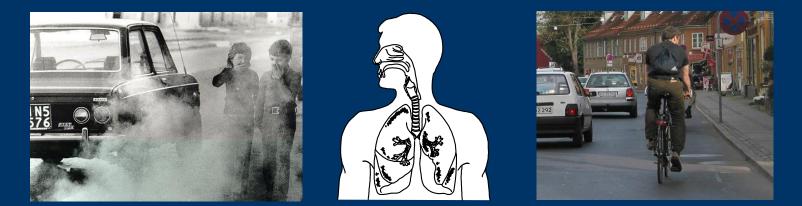
Priorities & Roadmap of WG3: Environmental measurements and Air Pollution modelling

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Acute death



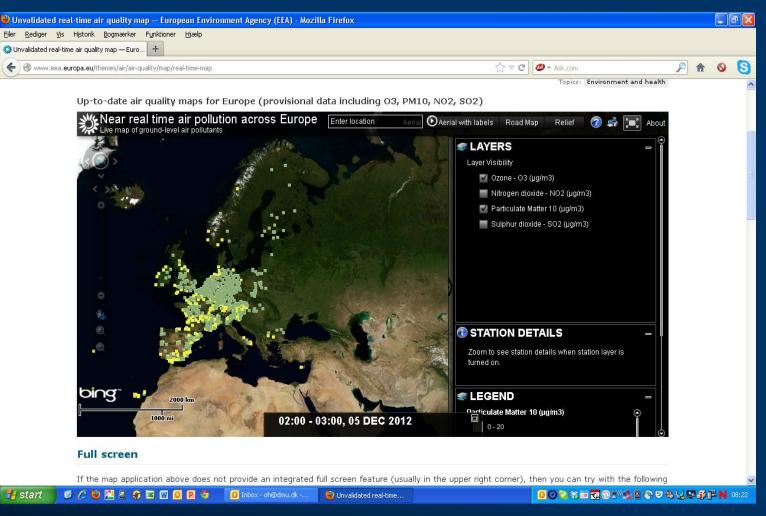
Death appearing after episodic event of elevated pollutant concentrations

Chronic death



Death that may be related to being exposed to generally high levels of pollution over long time

Exposure assessments: coarse monitoring network or coarse model calculations

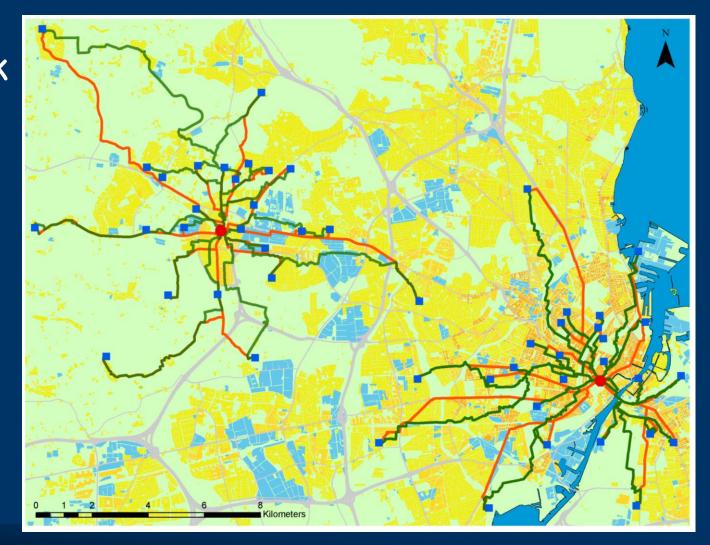


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Application of AirGIS/OSPM for exposure study

Exposure bicycling home & work shortest & cleanest





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Priorities and roadmap

- What do we want to provide on the long term

 in relation to routine monitoring and public
 information?
- Mikro-sensors should not substitute but supplement routine monitoring devices
- Future routine networks may look very differrent from todays and include low cost sensoring!?
- The green route through the city or access to information about pollutant load at address might be future goals

Priorities and roadmap

- Still many unknowns in respect to health effects – e.g. what in PM is causing negative health effects – consitutents, ultrafine?
- Airborne allergenes may also be an issue of interest – >20% suffer from hay fever but monitoring still based on 1950 technology
- Model validation is another issue of high importance – model calculations using CTM's or LUR provides high resolution data of high importance from providing public information, use in health impact assessment and supplementation of routine monitoring