

Copenhagen skyline

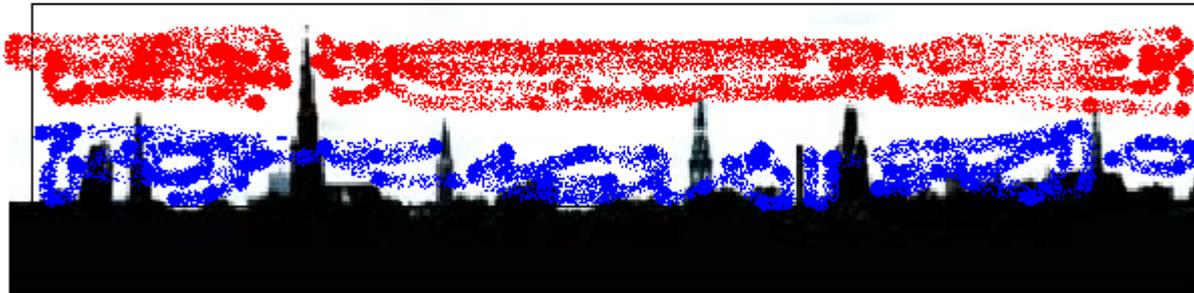


Copenhagen traffic rushhour



Weather and pollution

Cold air at surface giving no vertical motion in the air and thereby keeping pollution near the ground.



Copenhagen traffic rushhour

Morning hours

- after a cold night
- no wind
- no fresh air

Afternoon hours

- sun heating giving thermal convection
- convection giving more wind

Copenhagen traffic rushhour

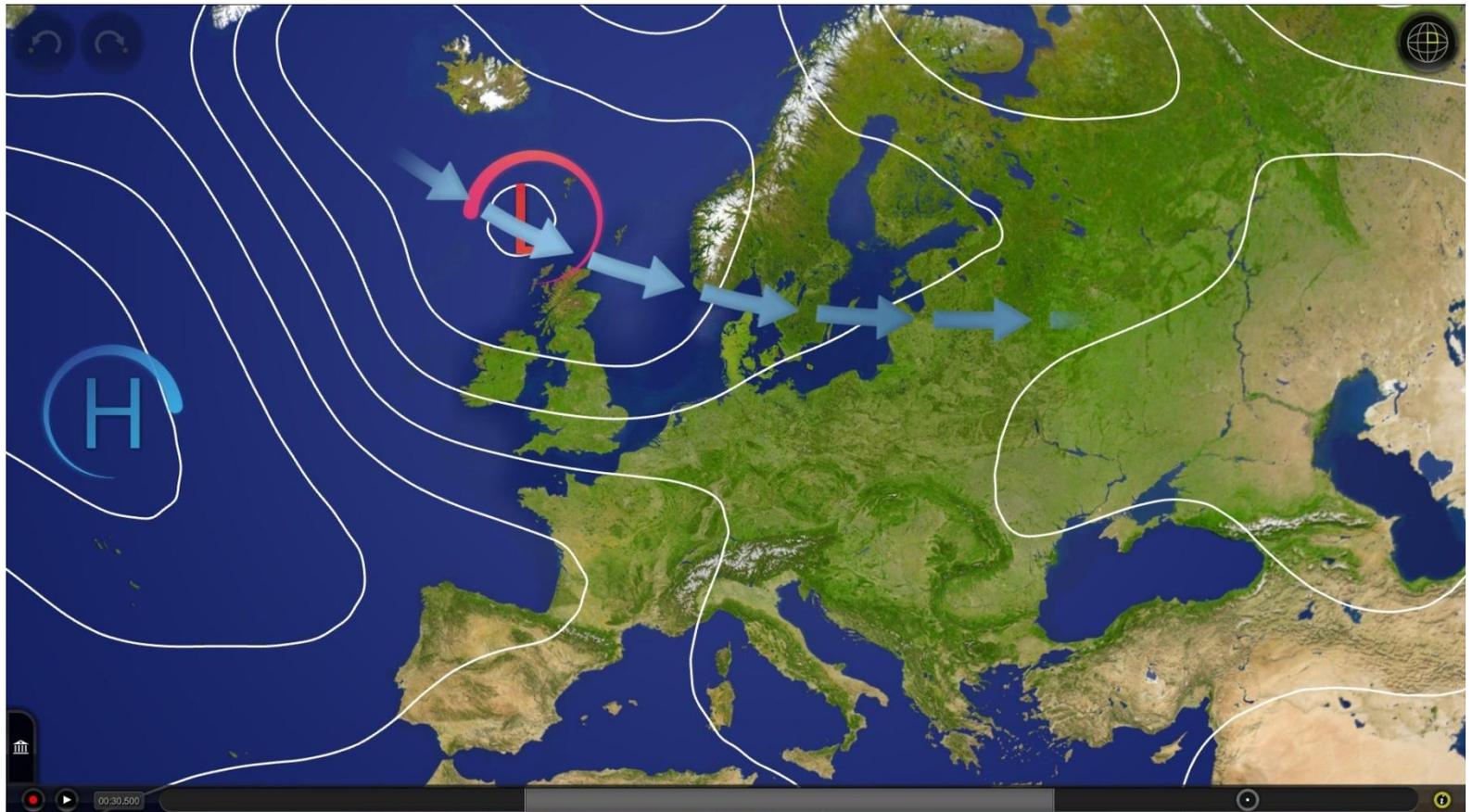
Health problems

CO – carbonmonoxide

NO_x

Particles of different sizes (small)

Weather and pollution



Weather and pollution



Weather and pollution

Strongest pollution in wintertime

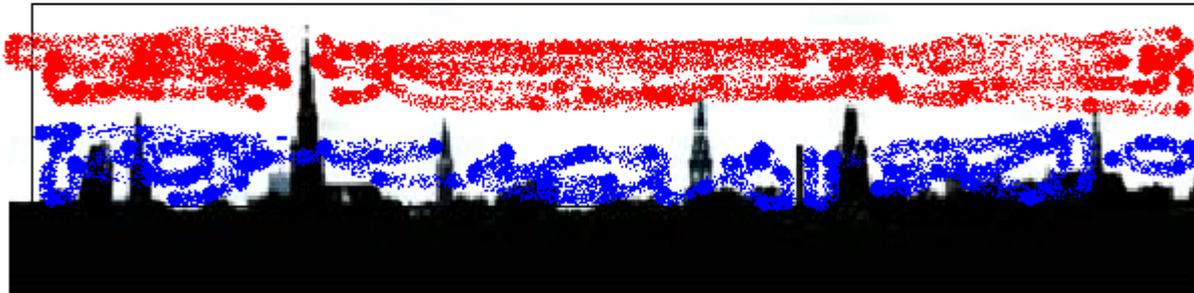
Mainly in high pressure due to no wind

Tiny particles from lorries are the greatest problem

General traffic pollution causes death and disease

Weather and pollution

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Weather and pollution



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Weather and pollution



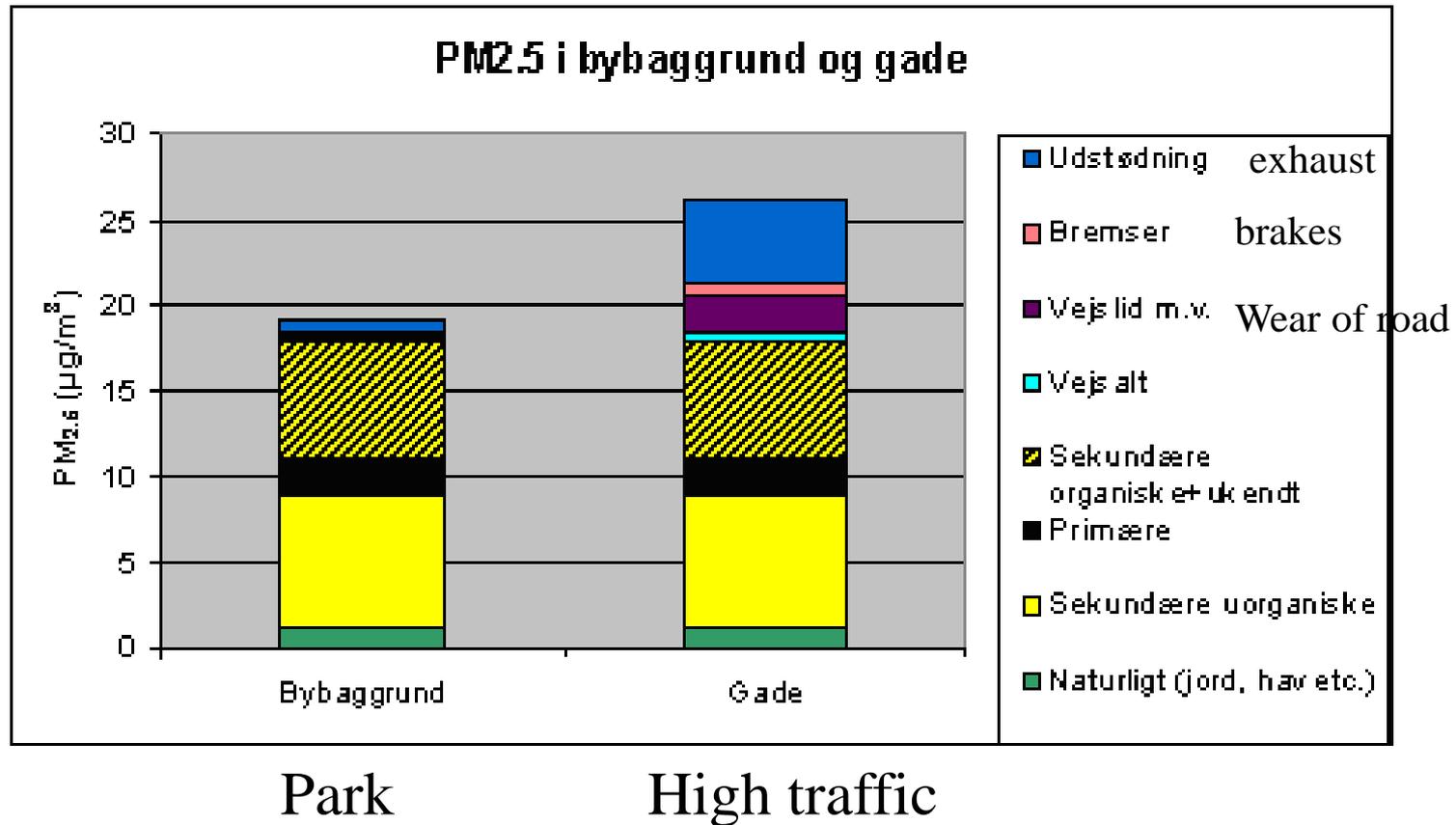
Weather and pollution

Zone of environment

No heavy dieseltrucks without particle filter
(60% measured reducement from busses/lorries)

Benefit: 150 less death
 1000 less disease of lungs
 8000 less asthma
 90.000 less missed workingdays

Weather and pollution



Copenhagen Green City 2014

More biking lanes – including express lanes from suburb areas.

Less heavy traffic in citycenter

More green development

- Improving weatherconditions og at least better weatherforecasts??