REGULATORY PERSPECTIVES – EUROPE

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WHAT IS THE POLICY FRAMEWORK IN EUROPE?

European Union EU
• based in Brussels
• 25 countries
• moves by agreeing Directives
• these are entirely politically-based

United Nations Economic Commission for Europe UN ECE
• based in Geneva
• 47 Parties to LRTAP Convention
• moves by agreeing Protocols
• tend to be the lowest common denominator
HOW DO THE POLICY-MAKERS SEE OZONE - REGIONAL POLLUTION PROBLEMS

**Sources**
- Energy
- Farming
- Industry
- Traffic
- Wastes

**Compounds**
- $\text{SO}_2$
- $\text{NH}_3$
- $\text{NO}_x$
- VOC
- CO
- Methane

**Effects**
- Acidification
- Eutrophication
- Fine particles
- Regional ozone
- Tropospheric ozone

**Receptors**
- Groundwater
- Lakes
- Terrestrial ecosystems and soils
- Marine environment
- Agricultural crops and forests
- Climate
- Health
OZONE DISTRIBUTION ACROSS EUROPE IN 2005

1931 monitoring stations

Ozone problems are widespread across Europe

Number of days >60 ppb
CURRENT POLICY SITUATION IN EUROPE

EU

- CAFÉ Thematic Strategy
- National Emissions Ceilings Directive

UN ECE

- Review of the Gothenburg Protocol on acidification, eutrophication and ground-level ozone formation