# Background report to the 2012 Gothenburg Protocol

Johan Sliggers

# Objectives

- Results Protocol
- Trends
- Challenges
- Source of information
  - Data and methodologies
  - Ratifications and country policies
  - Future evaluations

#### **Emissions/scenarios**

- 1990, 2000, 2005, 2020, 2050/Long Term
- SO2, NOx, NH3, VOC and PM2.5
- BC, CO2, CH4 and N2O
- EMEP geogr. area
  - Countries
  - EU27
  - Non-EU

# Content (1)

- CHAPTER 2
- Long Term/2050
  - Sustainable
  - Climate Change + Air Pollution
- Emission/effects deficit

# Content (2)

- CHAPTER 3
- Emissions and costs
- Assumptions
- Key measures

# Content (3)

- CHAPTER 4
- Health and Environmental effects
- Guidance doc on H&E Improvements
- Air Quality (cities)
- Other effects/ICPs

# Content (4)

- CHAPTER 5
- Health and non-health benefits
- Benefits valuation
- B/C ratio, BCA