

A. Sustainable development and urban planning **可持续发展和城市规划**

A.4 Urban sustainability: scenarios, indicators and tools **城市可持续发展：各种场景、指标和工具**

Tackling Air Quality in EU cities **欧盟城市如何应对空气质量问题**

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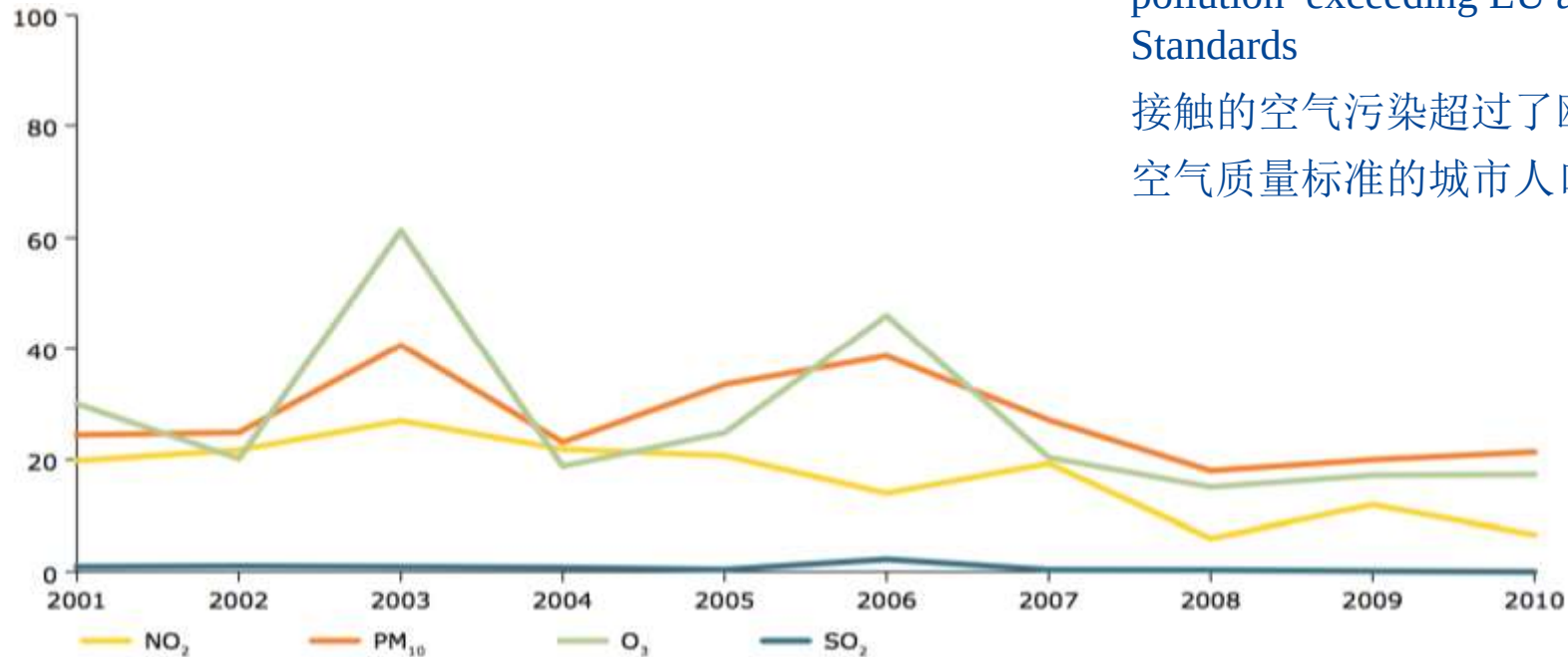


Exposure to pollutants and trends

欧洲委员会联合研究中心

% of urban population exposed to air pollution exceeding EU air quality Standards

接触的空气污染超过了欧盟规定的空气质量标准的城市人口百分比



EEA, Air quality in Europe 2012
欧洲经济区，2012年欧洲空气质量

Compliance with EU PM₁₀ Exceedance Limit in 2015

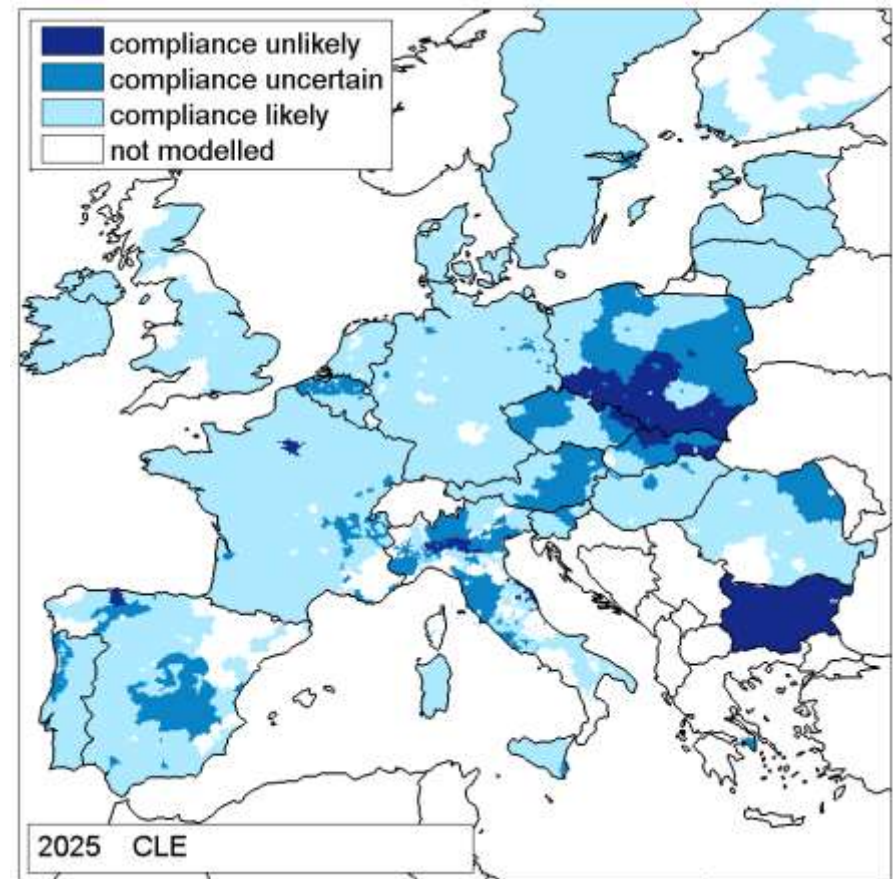
2015年欧盟PM 10限制 标准的合规

CLE = Current Legislation
CLE = 当前法规

IIASA, GAINS

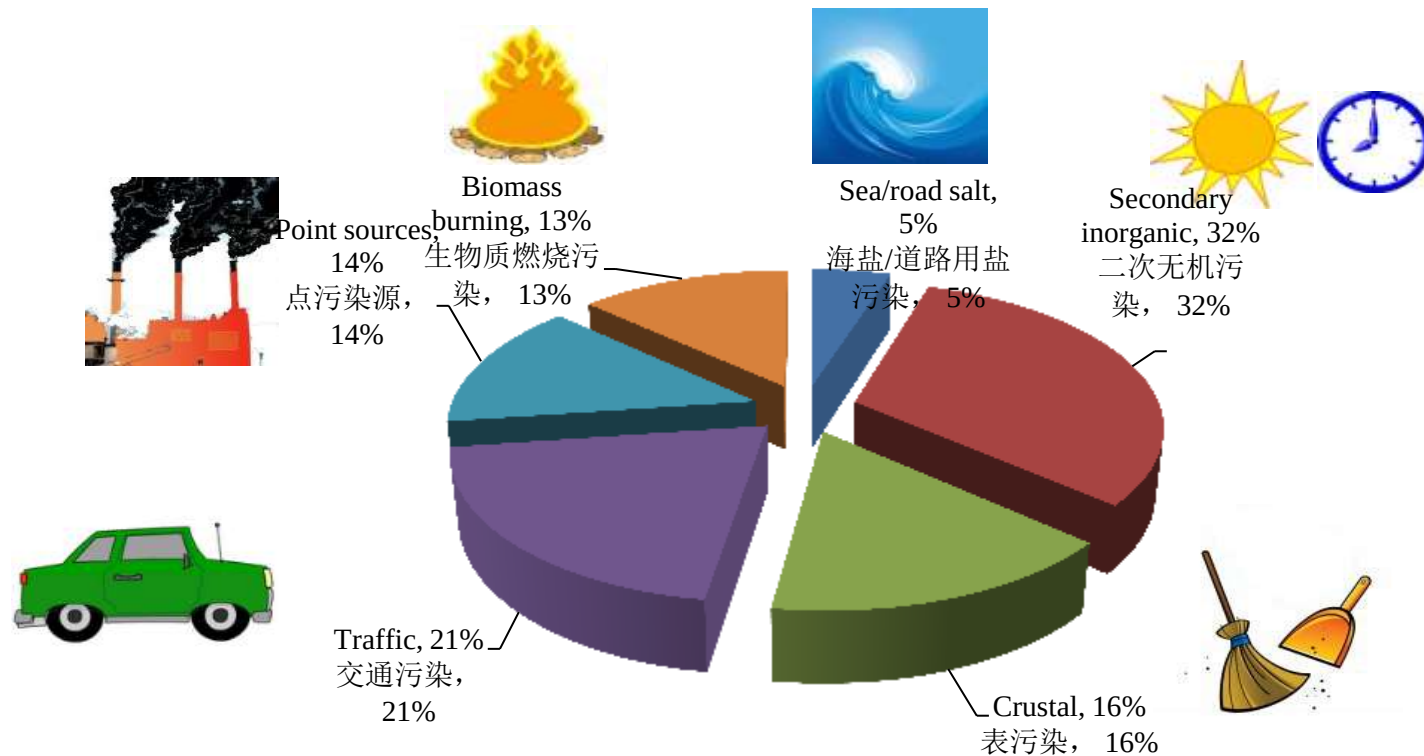
国际应用系统分析研究所（IIASA），
温室气体和空气污染的相互作用和
协同效应（GAINS）

6 June 2013



Sources of pollution in EU urban areas

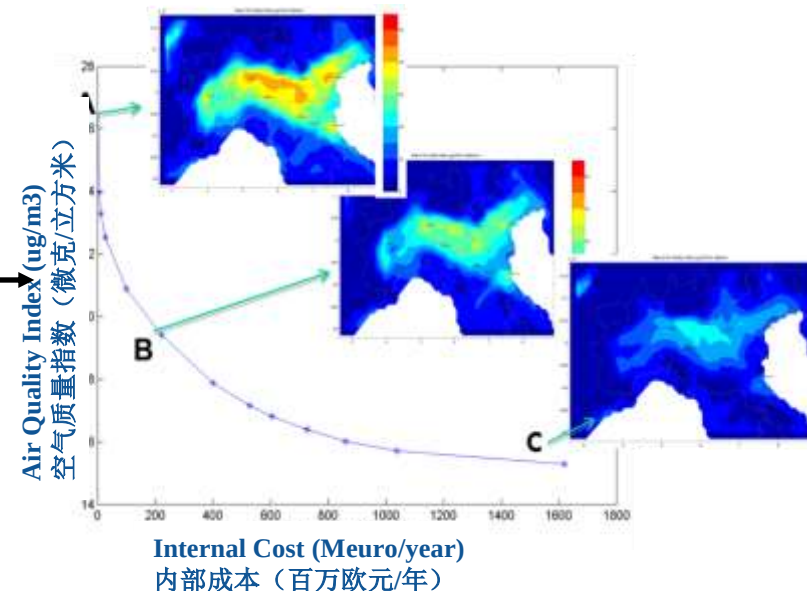
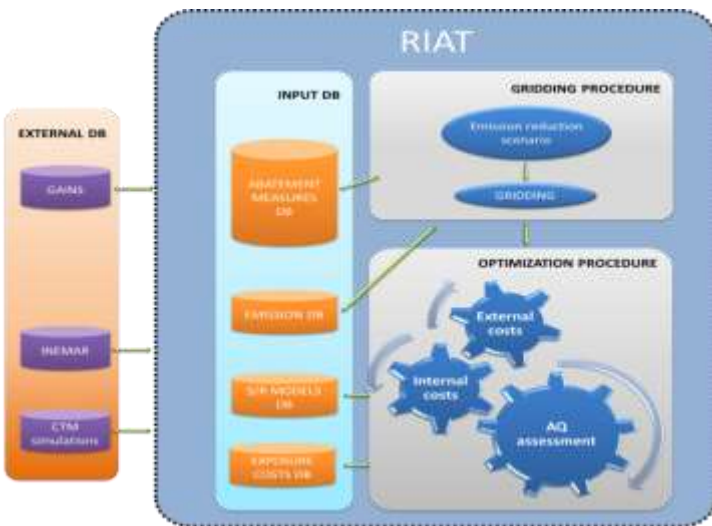
欧盟城市地区污染源



Courtesy, Claudio Belis
图片由Claudio Belis提供

The urban challenge Mitigation 城市挑战.....减轻空气污染

Integrated assessment and modelling
整体评估与建模



Courtesy, Philippe Thunis
图片由Philippe Thunis提供
6 June 2013

Using sustainable energy action plans 采用可持续能源行动计划



On voluntary basis to meet and exceed the European Union 20% CO₂ reduction objective by 2020

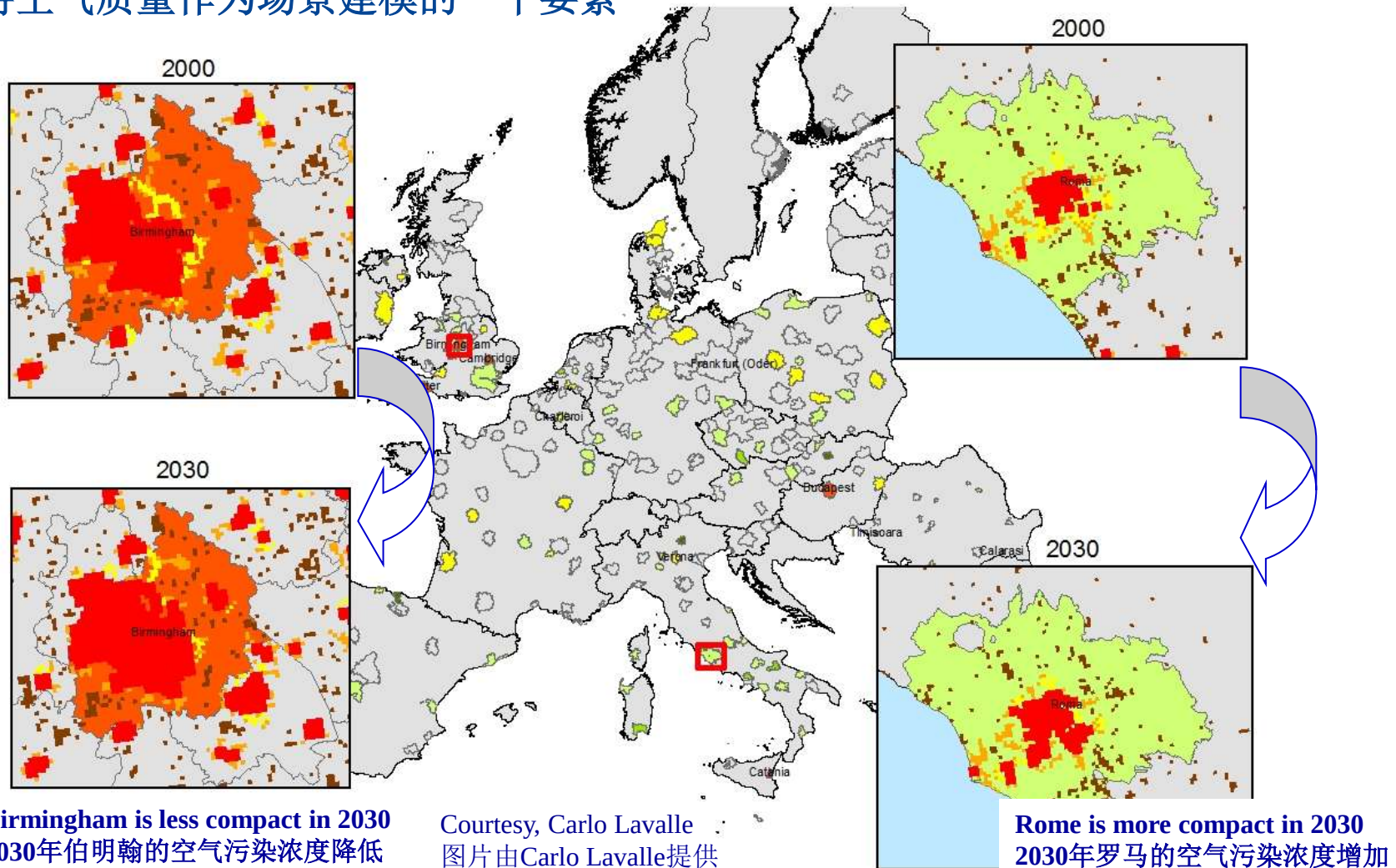
截至2020年，欧盟在自愿的基础上达到并超过减少碳排放20%的目标

- ✧ **Adapt city structures and mobilise civil society**
- ✧ 调整城市结构并动员各种社会团体和民间组织
- ✧ regular **Monitor Emission Inventories**
- ✧ 定期监控排放物清单
- ✧ submit an **action report**
- ✧ 提交行动报告

http://www.covenantofmayors.eu/about/covenant-of-mayors_en.html

Integrating air quality in scenario modelling

将空气质量作为场景建模的一个要素



Thank you !

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