



CT5

Best practices for local and regional AQ management

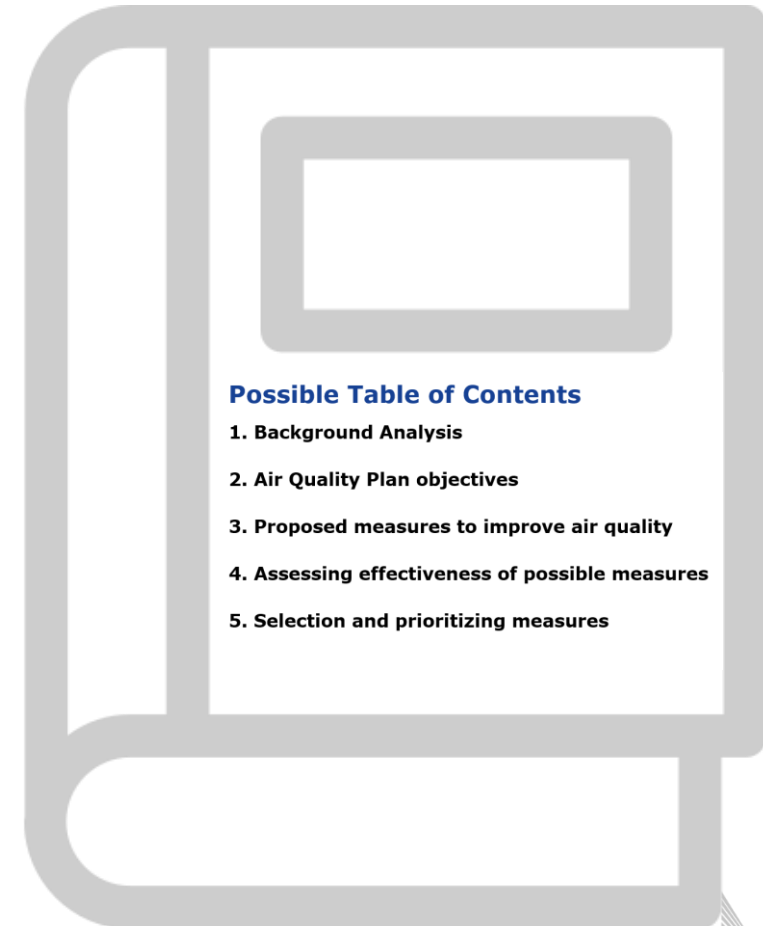
CT5 - Best practices for local / regional AQ management



Recommendations

Draft a “handbook for plans and programs”

...to support local, regional and national authorities



Possible Table of Contents

- 1. Background Analysis**
- 2. Air Quality Plan objectives**
- 3. Proposed measures to improve air quality**
- 4. Assessing effectiveness of possible measures**
- 5. Selection and prioritizing measures**



European
Commission

In the last technical meeting we agreed on a ToC:

- **1. Background Analysis**
- **2. Air Quality Plan objectives**
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- **4. Assessing effectiveness of possible measures**
- **5. Selection and prioritizing measures**

In the last technical meeting we agreed on a ToC:

- **1. Background Analysis**

- *Air Quality Assessment – is the model fit-for-purpose ? Refer to MQO in CT2*
- *Emission Inventory – is my emission inventory accurate ? Refer to benchmarking activities in CT7*
- *Source apportionment – how to implement it? Refer to existing guidance on source apportionment in CT1*

- **2. Air Quality Plan objectives**

- **3. Proposed measures to improve air quality**

- **4. Assessing effectiveness of possible measures**

- **5. Selection and prioritizing measures**

In the last technical meeting we agreed on a ToC:

- **1. Background Analysis**
- **2. Air Quality Plan objectives**
 - *Exceedances Areas and Target – how to define exceedances ? Work on spatial representativeness in CT8*
 - *Pollutants Indicators and Period of reference – which are the plan objectives ? What is the overall scope?*
- **3. Proposed measures to improve air quality**
- **4. Assessing effectiveness of possible measures**
- **5. Selection and prioritizing measures**

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- **1. Background Analysis**
- **2. Air Quality Plan objectives**
- **3. Proposed measures to improve air quality**
 - *QA/QC for air quality models used for planning – is the model fit-for-purpose? QA/QC for planning in CT9*
 - *Methodology to convert ‘measures’ into ‘emissions and concentrations change’: possible focus of this CT5*
 - *How to integrate energy, traffic and economic modelling? How to integrate national and local plans?*
 - *How to deal with meteorology / boundary conditions, for future projections? What about uncertainties?*
- **4. Assessing effectiveness of possible measures**
- **5. Selection and prioritizing measures**

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- **4. Assessing effectiveness of possible measures**
 - *Air Quality, Health, Built environment, Climate Change and ecosystem impacts – how to evaluate impacts?
Links to AIR convention*
- **5. Selection and prioritizing measures**

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- **4. Assessing effectiveness of possible measures**
- **5. Selection and prioritizing measures**
 - *Cost-Effective Analysis, Cost-Benefit Analysis or Multi-Objective Analysis – which tool to use ? CT9 link*
 - *Recommending tool for prioritizing measures – which tool to use ? CT9 link*

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FROM THE JANUARY 2020 BRAINSTORMING:

Need of guidance on how to evaluate the impact of measures.

As an example, to evaluate the impact of a 'low emission zones:

- one needs to know the fleet composition,
- the traffic volumes ... other input data and
- modelling tools to assess how the traffic / air quality will change due to the application of the policy

- **4. Assessing effectiveness of possible measures**
- **5. Selection and prioritizing measures**

Questions

- Do you agree to focus on *Methodology from 'measures to concentrations change'*:
 - *How to integrate energy, traffic and economic modelling? How to integrate national and local plans?*
 - *How to deal with meteorology / boundary conditions, for future projections? What about uncertainties?*
- *Who is willing to contribute? Tell us your experience on this topic*
- *Commitment:*
 - *VC before the TM, presenting at the TM your application, and contributing to the guidance*
- *How could we organize the work?*
 - *Focus on NO₂, PM₁₀, PM_{2.5}, O₃, covering different scales*
 - *Focus is on air quality plans (AQD), but we want to link with NEC*
 - *Using NAPCP on air quality impact evaluation i.e. by Belgium, Estonia, Germany and Poland*