

Partnership  
Air Quality



# PARTNERSHIP AIR QUALITY and FAIRMODE: An opportunity to collaborate

**Silvia Moroni**  
AMAT - Milan



**FAIRMODE**

Forum for air quality modelling in Europe

PLENARY MEETING

Baveno - February 26<sup>th</sup>, 2018



Milano  
Comune  
di Milano



AGENZIA  
MOBILITÀ  
AMBIENTE  
TERRITORIO

## Partnership Air Quality



# URBAN AGENDA For the EU

During the Dutch Presidency of the EU in the first half of 2016 the Pact of Amsterdam was adopted by EU ministers of the Interior.

It states that **European CITIES will be more involved with the creation of EU legislation, EU funding and knowledge sharing.**

The relevance of this involvement is highlighted by the statistics that **cities and urban areas now house more than 70% of all Europeans.**

# Partnership Air Quality

The Urban Agenda is composed of **12 priority themes** essential to the development of urban areas.

Each themes has a **dedicated Partnership**.



Sustainable Land Use



Public Procurement



Energy Transition



Climate Adaptation



Urban Mobility



Digital Transition



Circular Economy



Jobs and Skills in the Local  
Economy



Urban Poverty



Inclusion of Migrants and  
Refugees



Housing



Air Quality

## Partnership Air Quality



## Members

The Members of the Partnership are:

**Member State** The Netherlands (*coordinator*), Croatia, Czech Republic, Poland;

**Cities** Helsinki/HSY (FI), London (UK), Utrecht (NL), Milan (IT), Constanta (RO), and Duisburg (DE - Representing the Consortium Clean Air Ruhr Area);

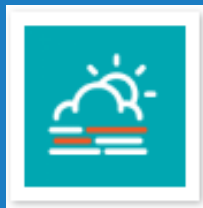
**Stakeholders** EUROCITIES, HEAL (Health and Environment Alliance);

**European Commission** DG Regional and Urban policy (*coordinator*), DG Environment, DG Research & Innovation, DG Agriculture, DG Growth, the Joint Research Centre (JRC).



The Partnership is also actively supported by the URBACT programme, which has an observer status.

## Partnership Air Quality



## Objective

The Air Quality Partnership tries to **explore** the gaps, overlaps and contradictions in **existing regulations** and **map out** the resources and **available funding** put in place to assist cities improve air quality.

In addition, through the Air Quality Partnership **Cities** have the **chance to exchange knowledge and share the best practices** currently being implemented in cities around Europe, their surrounding regions and across Member States.



The Partnership works on **PROPOSALS for Better Regulation (and Implementation), Funding and Knowledge in Air Quality.**

*(i.e. Fitness Check of the Ambient Air Quality Directives)*

Partnership  
Air Quality



Action Plan

In 2017  
the Action Plan  
of the  
Partnership Air  
Quality  
was developed  
up to the  
**Final Draft  
version**  
(1.11.2017)  
approved by  
**DGUM**  
(Directorate  
General  
Urban Matter)  
last October  
after Feedback



URBAN AGENDA FOR THE EU

Partnership for Air Quality

Final Draft Action Plan

1 November 2017\*

\*The Draft Action Plan was presented and discussed in the DGUM of 26 October 2017. Comments received during the meeting and in writing after the meeting are taken into account in this version of the Action Plan.

Partnership  
Air Quality



Action Plan

In 2017  
the Action Plan  
of the  
Partnership Air  
Quality  
was developed  
up to the  
**Final Draft  
version**  
(1.11.2017)  
approved by  
**DGUM**  
(Directorate  
General  
Urban Matter)  
last October  
after Feedback



URBAN AGENDA FOR THE EU

Partnership for Air Quality

Final Draft Action Plan

1 November 2017\*



\*The Draft Action Plan was presented and discussed in the DGUM of 26 October 2017. Comments received during the meeting and in writing after the meeting are taken into account in this version of the Action Plan.

Partnership  
Air Quality



MILAN  
Action Leader

Action Plan

# ACTIONS

## 1. BETTER REGULATION AND IMPLEMENTATION

**ACTION 1:** IDENTIFICATION OF GAPS IN REGULATION AND IMPLEMENTATION ON AIR POLLUTANT EMISSION SOURCES

**ACTION 2 - BETTER AIR QUALITY PLANNING** (Governance)

## 2. BETTER FUNDING

**ACTION 3 - BETTER TARGETED FUNDING FOR AIR QUALITY**

## 3. BETTER KNOWLEDGE

**ACTION 4 - BETTER FOCUS ON THE PROTECTION AND ON THE IMPROVEMENT OF CITIZENS' HEALTH**

**ACTION 5 - AWARENESS RAISING AND KNOWLEDGE SHARING**

**ACTION 6 - OUTREACH**



# Air Quality Action Plans (AQAPs)

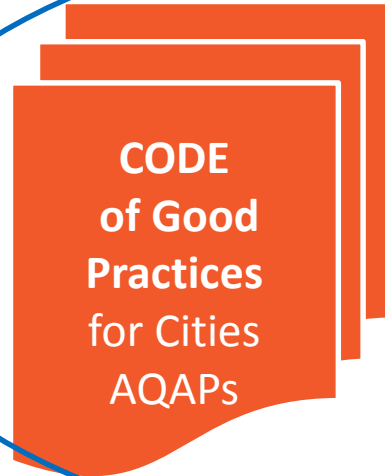
More than 30 existent Cities Air Quality Action Plans and several Cities Strategies to improve Air Quality have been collected by mean of the WP4 Questionnaire sent to Cities Members of the Partnership and other channels (Eurocities network, Futurium platform)



## ACTION 2

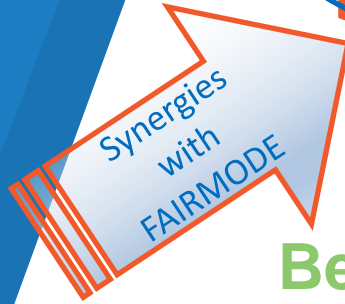
BETTER AIR QUALITY  
PLANNING  
(GOVERNANCE)

# What Action is needed?



CODE  
of Good  
Practices  
for Cities  
AQAPs

Cities  
Air Quality Action  
Plans  
'CODE of Good  
Practices'



Synergies  
with  
FAIRMODE

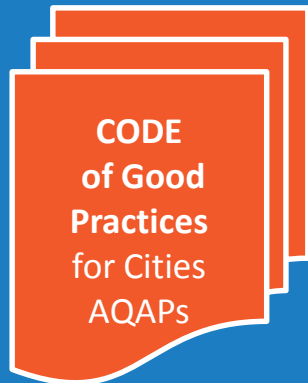
Best Practices in  
Air Quality Measures  
Register



EC/JRC  
Register

## ACTION 2

# Target n. 1



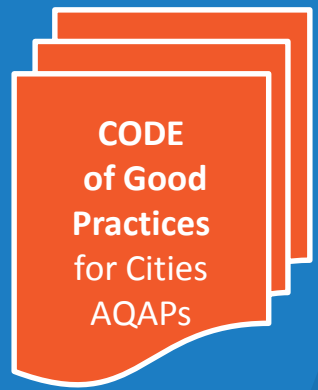
# CODE of Good Practices for Cities Air Quality Action Plans

The report will include:

- ✓ Indications on **how to better develop Cities AQAPs**
  - ✓ **Examples of consistent interpretation** of the content listed under Annex XV, Section A of Directive 2008/50/EU
  - ✓ Annexes on **specific issues**
  - ✓ **Best practices examples**

# ACTION 2

## Target n. 1



# CODE of Good Practices for Cities Air Quality Action Plans

✓ Partnership AQ Members:  
Expert input/review of Text and Content

✓ Proposal for FAIRMODE WGs:  
Contribute to the text for Chapters related to the  
use of AQ Modelling in Cities AQAPs  
starting from *WGs Recommendations and Best  
Practices*

# Proposal for FAIRMODE WGs' contribution

## ACTION 2

### Target n. 1

CODE of Good Practices for Cities AQAPs

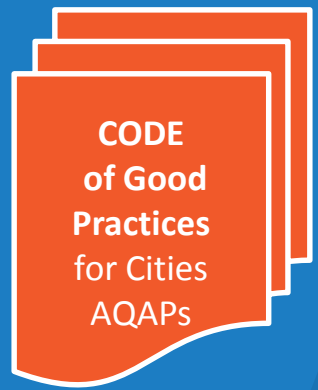


4. CONTENT OF THE CITY AIR QUALITY ACTION PLAN			
4.1	AQAP Contents		
4.2	Background analysis		
4.2.1	Air Quality assessment	←	FAIRMODE WG1 - Assessment
4.2.2	....		
4.2.3	Emissions Inventory	←	FAIRMODE WG2 - Emissions
4.2.4	....		
4.2.5	Source apportionment	←	FAIRMODE WG3 - Source Apportionment
4.5	Assessing effectiveness of measures		
4.5.1	Air Quality effects	←	FAIRMODE WG4 - Planning
4.5.2	Health effects		
4.6	Selection and prioritizing measures		
4.6.1	Cost-Benefit Analysis	←	some results from FAIRMODE?
4.6.2	Multi-Objective Analysis	←	some results from FAIRMODE?

Max 4-5 pages of text for Topic !

## ACTION 2

# Target n. 1



# Proposal for linking FAIRMODE Recommendations and Partnership CODE

✓ Deadlines (to be discussed):

**Draft: 30 June 2018**

**Final Version: 15 September 2018**

**THANK YOU FOR YOUR ATTENTION!**

**[silvia.moroni@amat-mi.it](mailto:silvia.moroni@amat-mi.it)**

**ACTION 2 Leader**

## ACTION 2

BETTER AIR QUALITY  
PLANNING  
(GOVERNANCE)

# Findings

## Background

- **Cities are:**
  - ✓ Places where **three quarters of EU people** lives
  - ✓ **Immediate level** to implement actions for **health protection of citizens**
- There is **not yet a structured exchange on current practices** for the elaboration of **Cities Air Quality Action Plans (AQAP)** and their relation to public health
- This practice leads to **incomparable AQAPs** and **inefficiency** for lack of knowledge on most effective AQ measures



# Cities with Air Quality Action Plan

London, Helsinki, Stockholm, Umea, Oslo, Berlin, Frankfurt, Stuttgart, Rotterdam, The Hague, Nijmegen, Copenhagen, Paris, Strasbourg, Toulouse, Chambery Metropole, Madrid, Barcelona, Zagreb, Rijeka, Constanta, ....



# First findings on AQAPs

- Different Countries implement Dir. 2008/50/CE in different ways, considering internal organization
- Not existing recent Guidelines available on Cities AQAPs
- Template available for a large metropolitan area
- Only a few part of collected AQAPs have a short summary in English
- Only one has a full English additional version

