



European  
Commission



Fairmode technical Meeting

Zagreb 27-29<sup>th</sup> June 2016

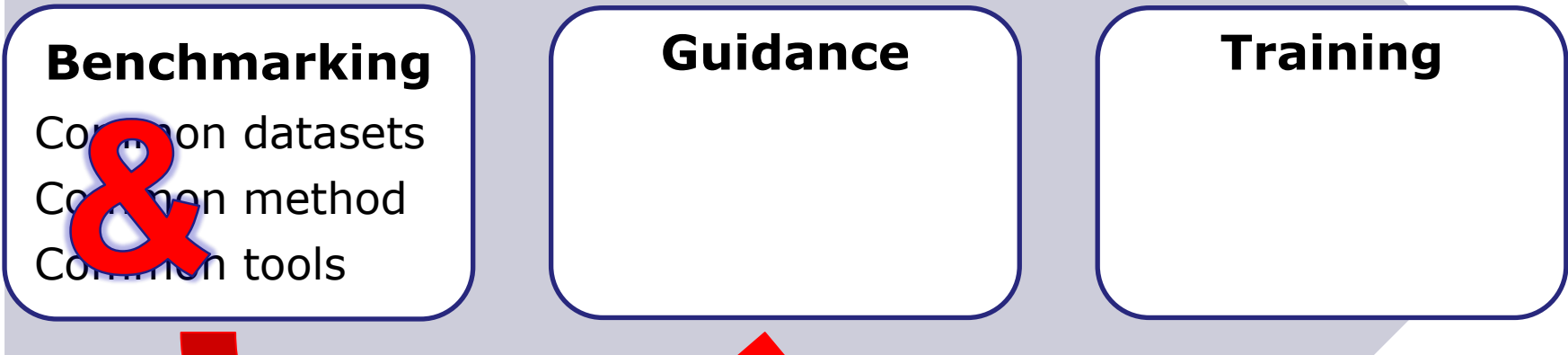
Joint  
Research  
Centre





Monday 27/06				
12:00-13:00	Registration			
13:00-13:30	Introduction			
13:30-14:30				Intro to SHERPA
14:30-16:00		Best practice	Intercomparison	SHERPA discussion
16:00-16:30	Coffee break			
16:30-18:00	Guidance Mod. Qual. Obj. (MQO)	Training	Intercomparison	
Tuesday 28/06				
09:00-10:30	Guidance MQO	Benchmarking	Intercomp. Exercise	
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13:30-14:30	Composite mapping	Benchmarking	Planning ↔ Inter-comparison	
14:30-15:00		Composite mapping		
15:00-16:00			Guidelines	
	Excursion			
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09:00-10:30	Composite mapping → emissions		SHERPA, SA & e-reporting	
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15:00-16:30	New emerging issues – short term policy support – Future priorities			

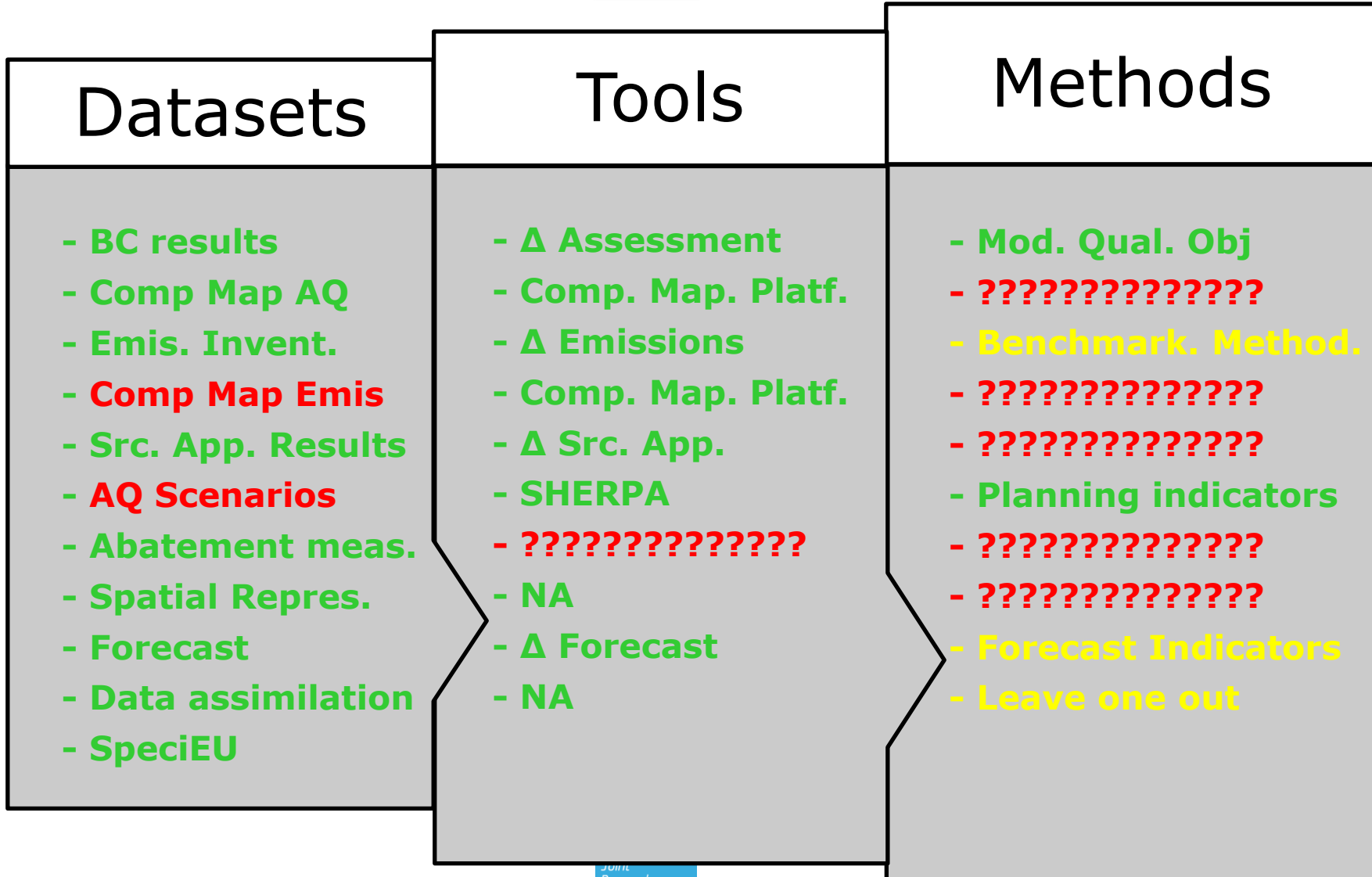
# From Benchmarking to guidance & training



**Training**

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# Benchmarking: Tools, Datasets & Methodologies





## On benchmarking

- Many (enough?) datasets and tools are now available. But methodologies still need to be designed or need to mature (comp. mapping, sp. Represent., src. apportionment...)



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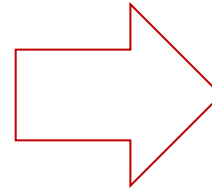
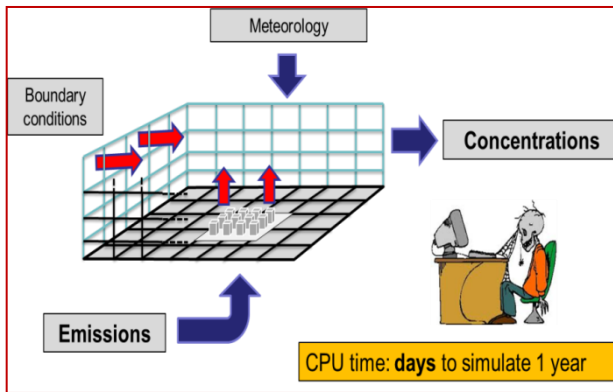
## On benchmarking

- Many (enough?) datasets and tools are now available. But methodologies still need to be designed or need to mature (comp. mapping, sp. Represent., src. apportionment...)
- We could gain in efficiency by connecting benchmarking methodologies across Working Groups

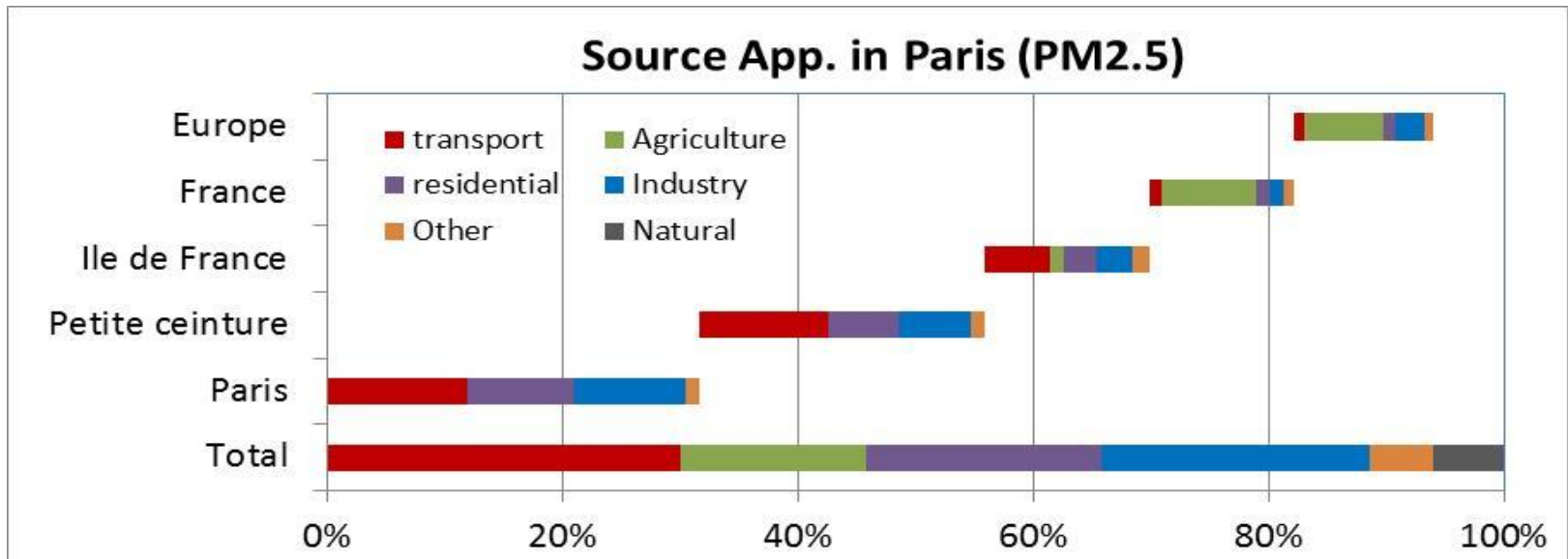
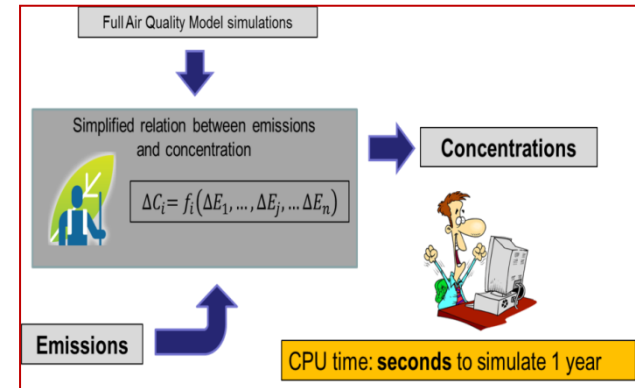
# SHERPA: a tool to support AQ planning (WG4)



## Complex Air quality models



## Simplified relationships

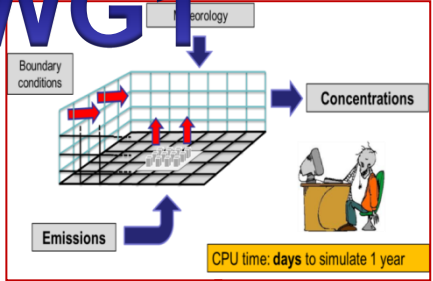




# Towards inter-connected (and feedback) methodologies

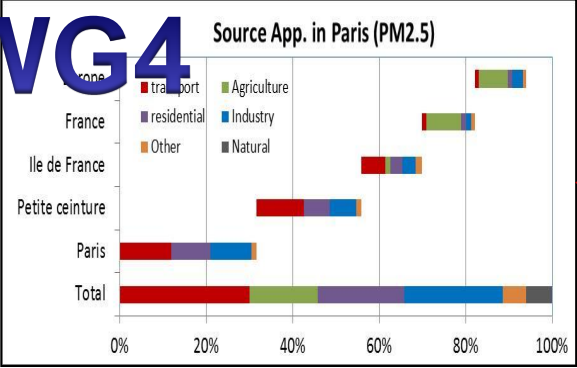


**WG1**



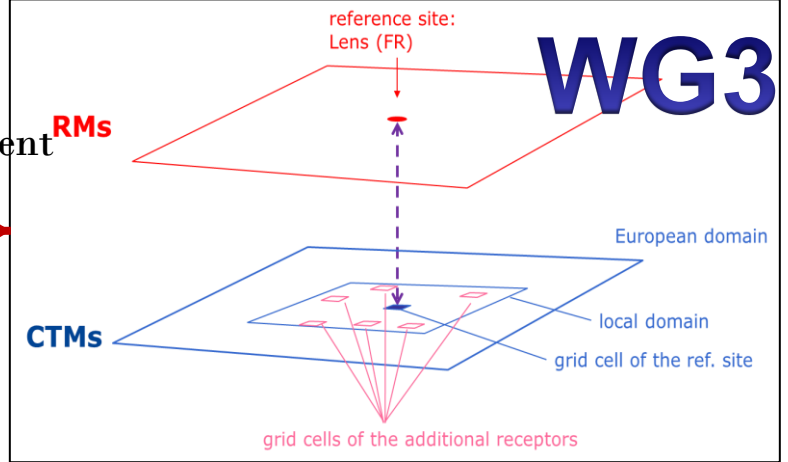
MQO  
Data assimilation

**WG4**



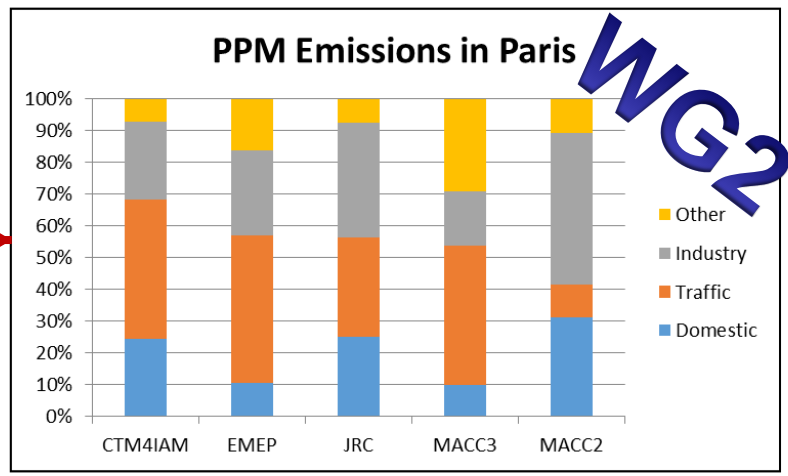
Quality Assessment ?

Apportionnement  
QAQC



**WG3**

Emission  
QAQC



**WG2**



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## On benchmarking

- Many datasets and tools are now available but efforts need to focus on methodologies. comp. mapping, sp. Represent., src. apportionment...)
- We could gain in efficiency by connecting benchmarking methodologies across Working Groups
- Screening should be used to identify priorities (i.e. where uncertainties and/or inconsistencies are the largest). *Everything is probably scientifically interesting, maybe not all policy relevant.*
- Keep in mind the long-term policy objectives (AQP&M of the AQD, NAPCP from NEC, e-reporting...)

# Support to policy



**WHERE** and **WHEN** is air pollution a problem?

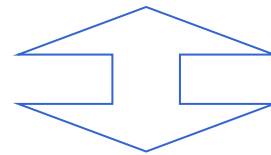
**WHO** and **WHAT** causes air pollution?

Ambient Air Quality Plans and Measures  
**(AQD)**

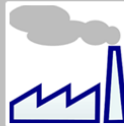
National Air Pollution Control  
Programmes **(NEC)**

- Techniques used for AQ assessments
- Origin of pollution
- Details of measures, improvement of AQ planned, expected time

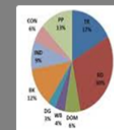
- Identify measures needed to achieve committed reductions
- Enhance coordination between national, regional and local levels



WG1  
Assess



WG2  
Emissions



WG3  
Src. App.



WG4  
Planning



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# Fairmode roadmap (2017-2019)

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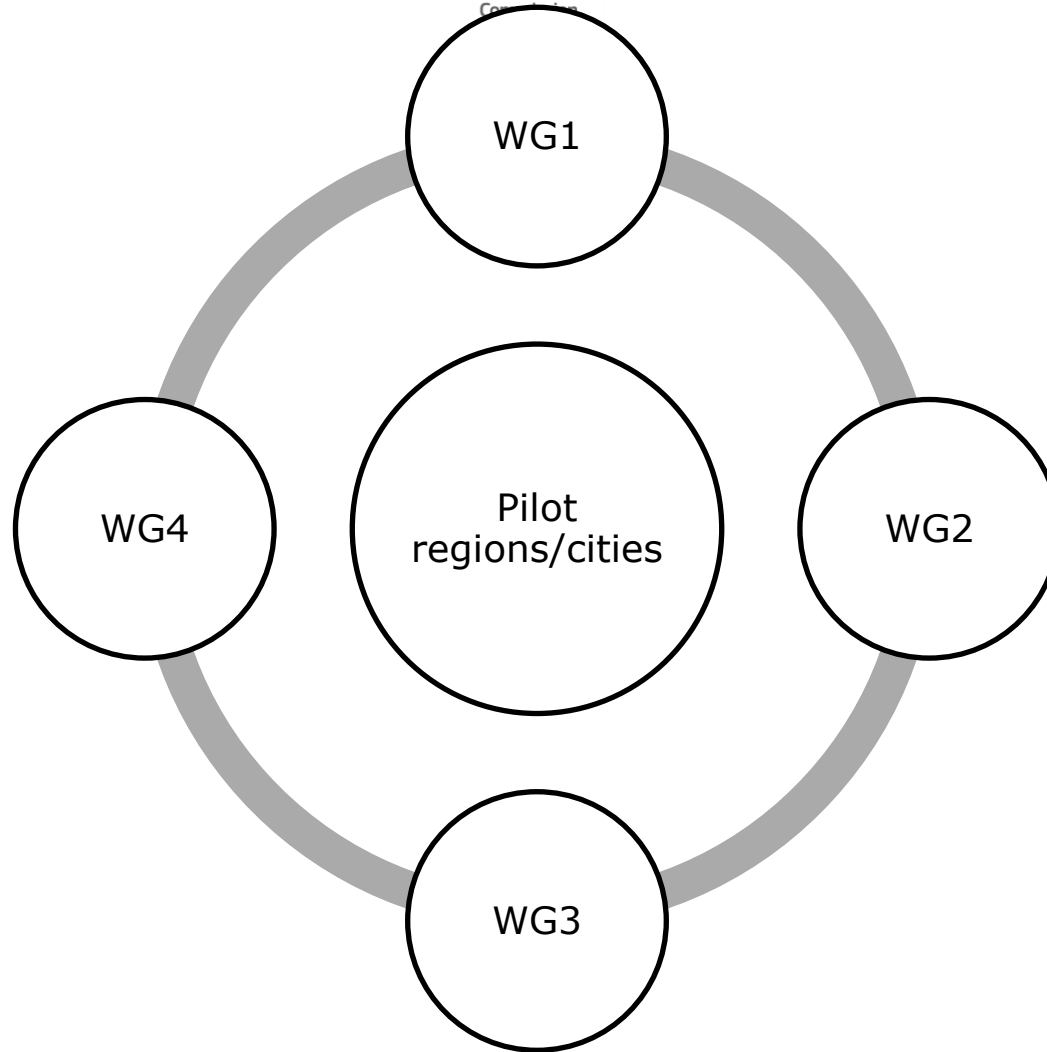
Consolidation rather than diversification

Link to policy objectives (AQP&M, NPAP, e-reporting...)

From countries to regions/cities (regionalization)

Towards practice → region/city pilots (Fairmode competence wheel)

# The Fairmode wheel





Thank you &  
A fruitful meeting