

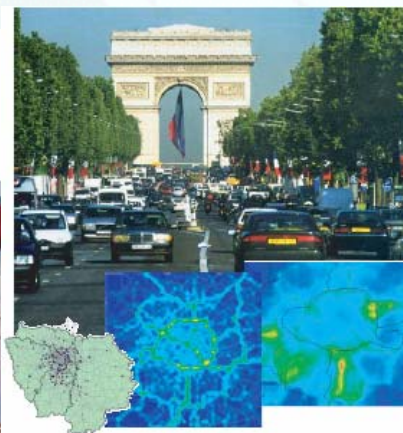
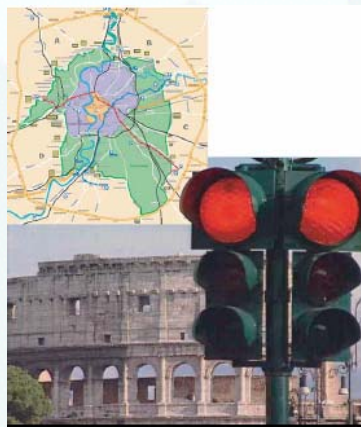
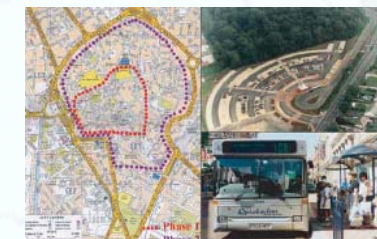
## Proposal for a Reporting Format

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**Véronique Gherzi, Karine Léger, Airparif, Ile-de-France**

## Why the CITEAIR Template

- ❖ Makes the cities comparable across Europe
- ❖ Easily usable by any city
- ❖ Facilitates the exchange of experience
- ❖ Good description for monitoring data,

not yet for modelling



## Guidebook

- ❖ **Guidebook: City *annual* air quality reports**
- ❖ **Chapter 1: The introduction to the guidebook provides a brief overview of air quality legislation and explains what the aim of this guidebook is**
- ❖ **Chapter 2: EU reporting Framework gives an overview of current and future air quality legislation and give a short description of the available reporting tools**
- ❖ **Chapter 3: Common Air quality give information on cities reporting and the difficulties encountered**
- ❖ **Chapter 4: Common template for reporting AQ in cities presents the CITEAIR template and how to use the template**

## Reporting, informing & communicating

- A Reporting:** Submitting a formal set of data and information to authorities (regional, national or European). Specifications and/or requirements on content (and Lay-out) as well as the destination (target group) and the timing of the report are defined.
  - B Informing:** Making information and or data available to whoever is interested in them. Informing can be done in both passive (something available on request) and active ways (copies are available in libraries, at the reception of an organization , on the internet.
  - C Communicating:** Information is actively used to inform people with the ambition to engage in a dialogue and/or to influence their knowledge, attitudes and even behaviour.
- ❖ **Cities often combine A & B, this is what the template strives to achieve**

## EU reporting Framework

- ❖ Framework Directive 96/62/EC
- ❖ Daughter Directives
- ❖ “CAFE-Directive”
- ❖ Countries report to the EU
- ❖ Cities report to national or regional authorities
- ❖ **Template: inspired by EU report & EU reporting template**

## EU Tools

- ❖ Annual questionnaire
- ❖ Template Plans and Programmes (PPs)
- ❖ Airbase
- ❖ REPORTNET

## Review of cities reporting

- ❖ Cities report a lot of data often in considerably different ways. These differences and lack of information make it hard to compare air quality between several cities
- ❖ Differences
- ❖ Information often lacking in reports:
  - ❖ Information on emissions
  - ❖ Population exposure
  - ❖ When will limit values be met (modelling)

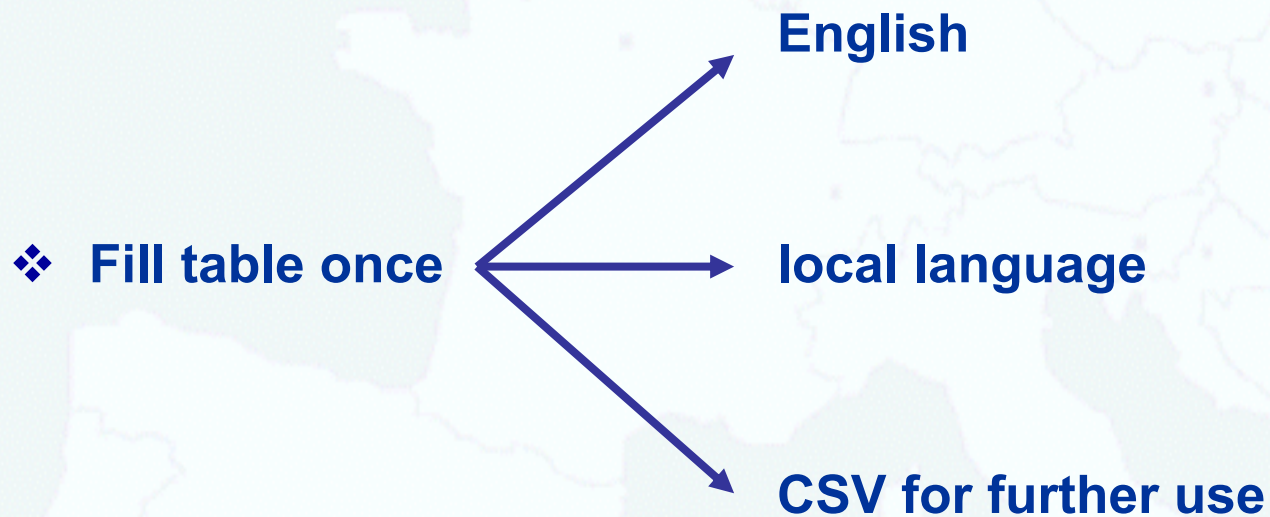


**Potential for standardisation**

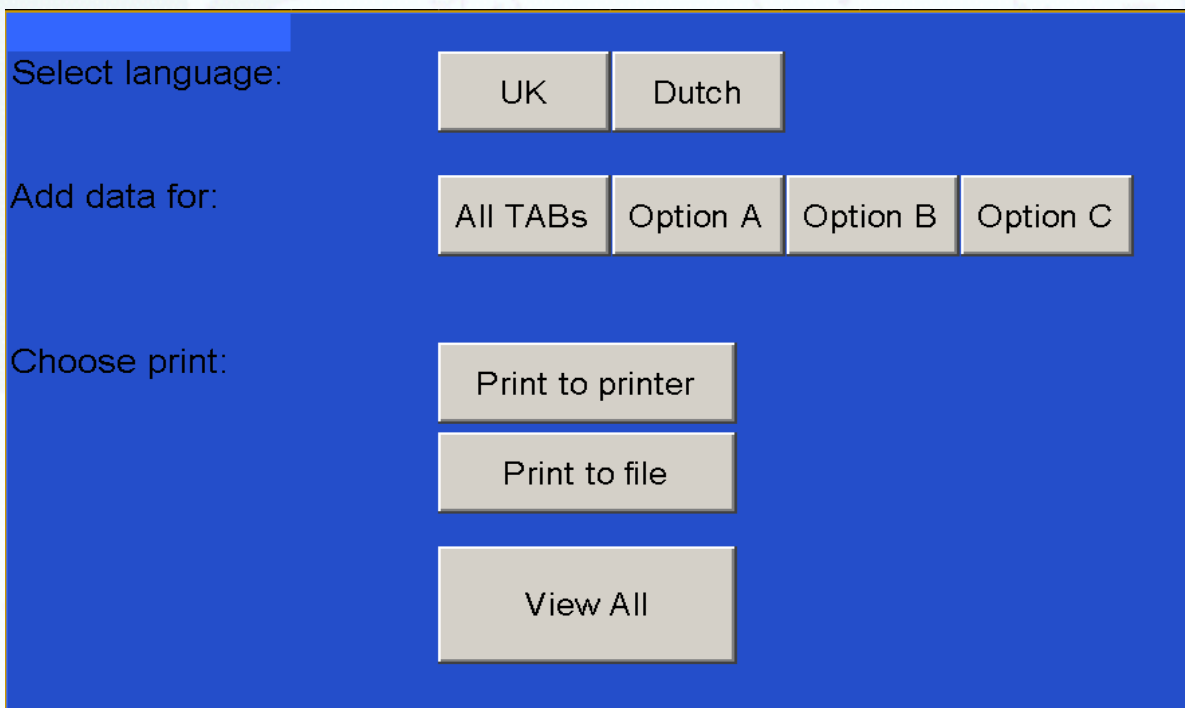
## The CITEAIR template

- ❖ The CITEAIR template has all the information required by the EU for annual reporting, but contains extra information for the cities needed for AQ plans and PPs
- ❖ Adds info on:  
**Measurements / emission inventories / modelling**

## Why a Generator



- ❖ **Option A: minimum required information to be provided to meet the EU directives**
- ❖ **Option B: additional information needed for the municipality/agglomeration to establish a simplified diagnosis of its air quality as first step for an action plan**
- ❖ **Option C: CITEAIR's proposal for a detailed report as complete diagnosis of the city's situation to be used for an action plan**



Select language:

Add data for:

Choose print:

❖ **Cover Page of report**

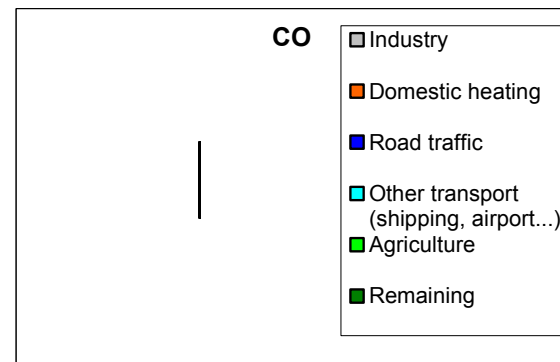
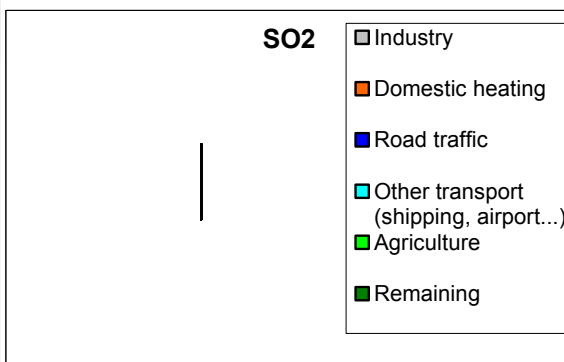
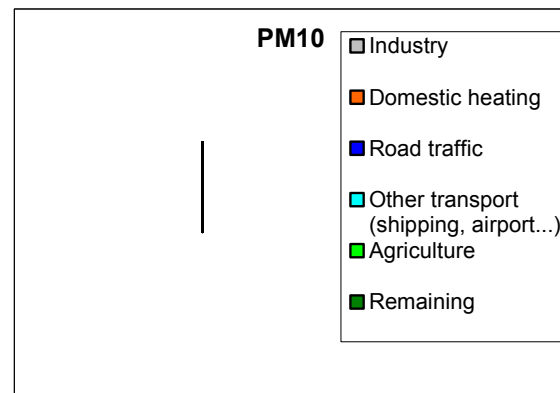
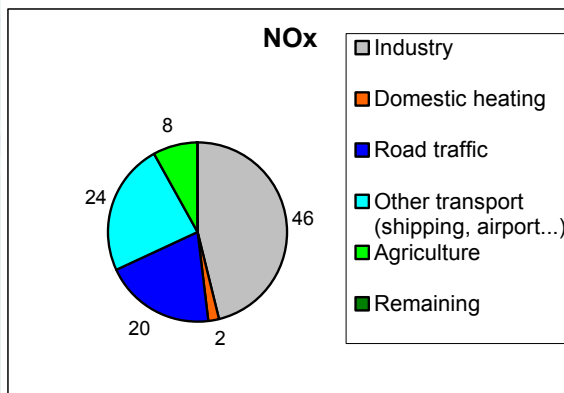
**Replace citeair  
logo with your  
city logo**

**Air quality annual report  
20xx**

**name of your municipality  
name of your country  
name of region**

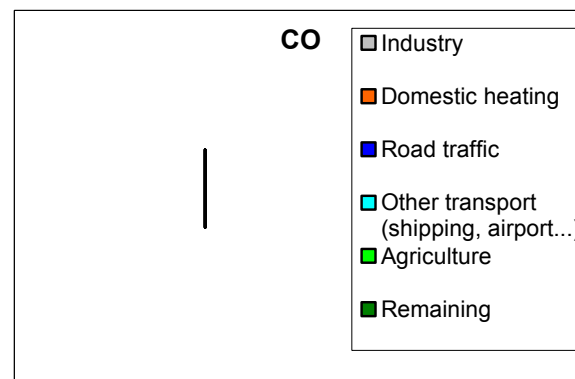
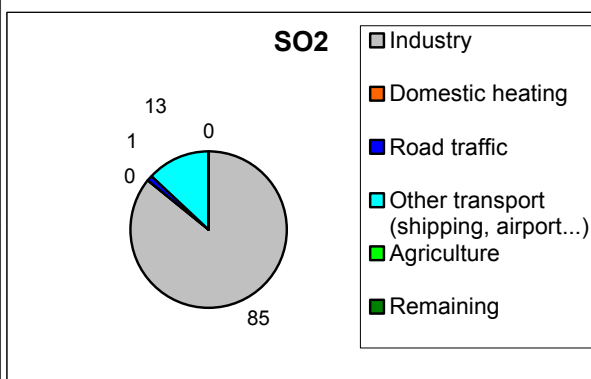
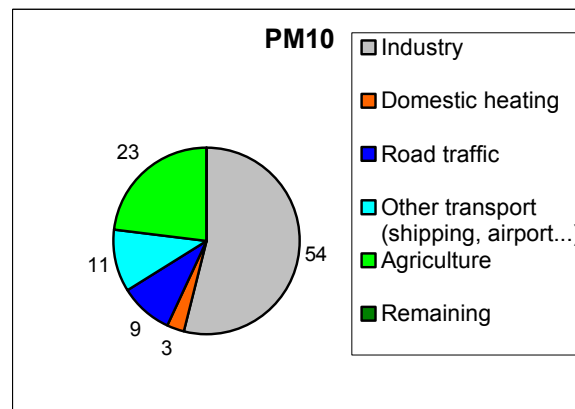
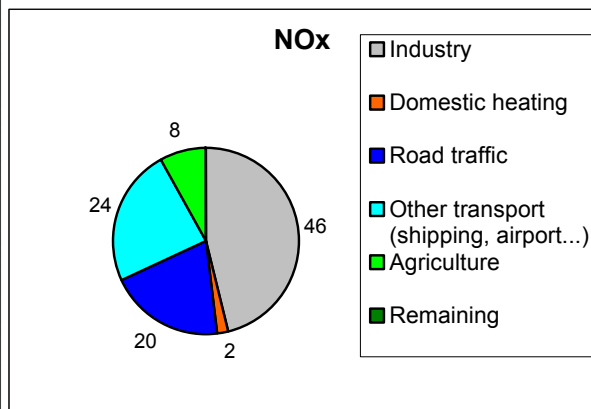
Please just fill out the table, the charts will be done automatically

Pollution sources :	Contribution to the annual emissions (%)			
	NOx	PM10	SO2	CO
Industry	46			
Domestic heating	2			
Road traffic	20			
Other transport (shipping, airport...)	24			
Agriculture	8			
Remaining				



Please just fill out the table, the charts will be done automatically

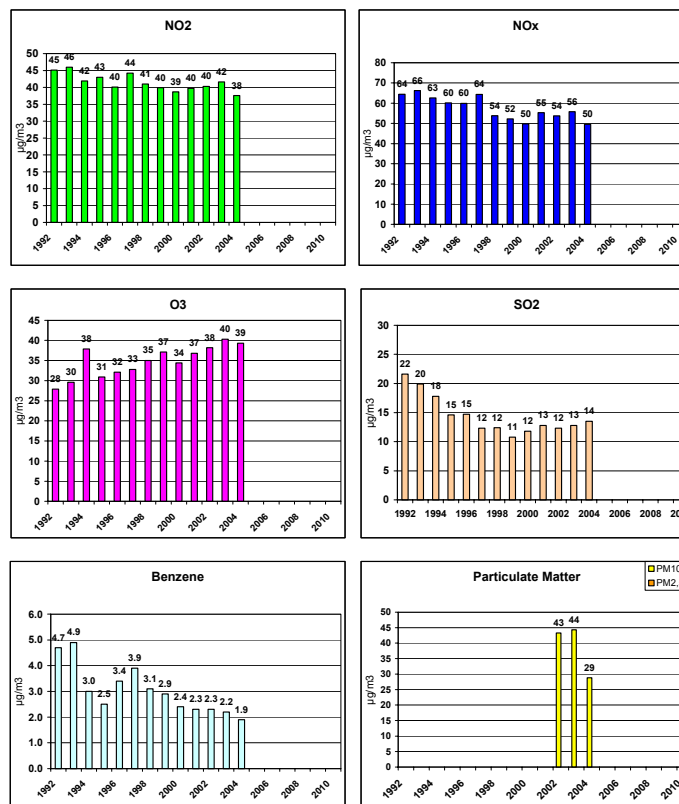
Pollution sources :	Contribution to the annual emissions (%)			
	NOx	PM10	SO2	CO
Industry	46	54	85	
Domestic heating	2	3	0	
Road traffic	20	9	1	
Other transport (shipping, airport...)	24	11	13	
Agriculture	8	23	0	
Remaining				



Please precise constant sample (precise number of stations) or evolutive sample	NO2/NOx	O3	SO2	Benzene	PM10	PM2.5
	3	3	3	3	3	2

Calendar year	NO2	NOx ( $\mu\text{g}/\text{m}^3 \text{NO}_2$ )	O3	SO2	Benzene	PM10	PM2,5
1992	45	64	28				
1993	46	66	30				
1994	42	63	38				
1995	43	60	31				
1996	40	60	32				
1997	44	64	33				
1998	41	54	35				
1999	40	52	37				
2000	39	50	34				
2001	40	55	37				
2002	40	54	38				
2003	42	56	40				
2004	38	50	39				
2005							
2006							
2007							
2008							
2009							
2010							

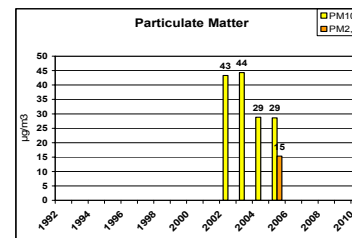
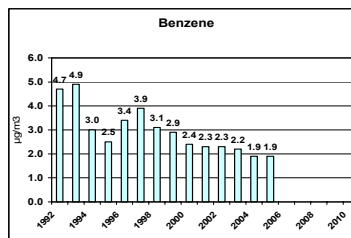
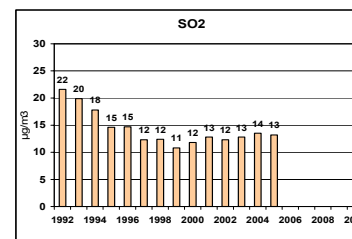
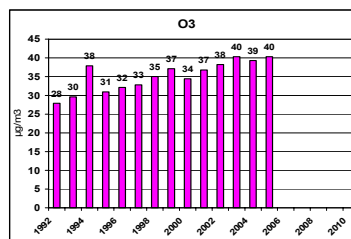
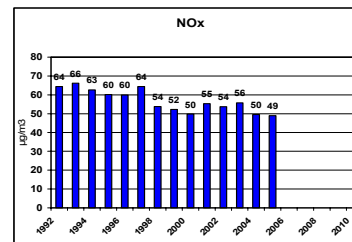
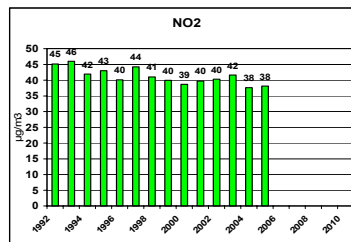
Middle-term trends - Background locations



omschrijving	NO2/NOx	O3	SO2	Benzeen	PM10	PM2.5
cconstante monstername	3	3	3	3	3	2
aantal permanente stations						
meet campagne						

Kalender jaar	NO2	NOx ( $\mu\text{g}/\text{m}^3 \text{NO}_2$ )	O3	SO2	Benzeen	PM10	PM2,5
1992	45	64	28	22	4,7		
1993	46	66	30	20	4,9		
1994	42	63					
1995	43	60					
1996	40	60					
1997	44	64					
1998	41	54					
1999	40	52					
2000	39	50					
2001	40	55					
2002	40	54					
2003	42	56				8,3	
2004	38	50				4,3	
2005	38	49				8,8	
2006						8,6	15,3
2007							
2008							
2009							
2010							

Middle-term trends - Background locations



## Conclusion

- ❖ **Easy to use basic report**
- ❖ **Basic data in 2 languages**
- ❖ **Facilitates exchange & collaboration**
- ❖ **Standard report**