



# Clean air in Europe for all

Paris : city-specific actions towards clean air

*(Wednesday, May the 24th)*

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Low Emission Zone's next step

Limited Traffic Zone

Updating the Territorial Plan for  
Climate Air and Energy

# 01

## Policies

Low Emission Zone

Decreasing speed limitation

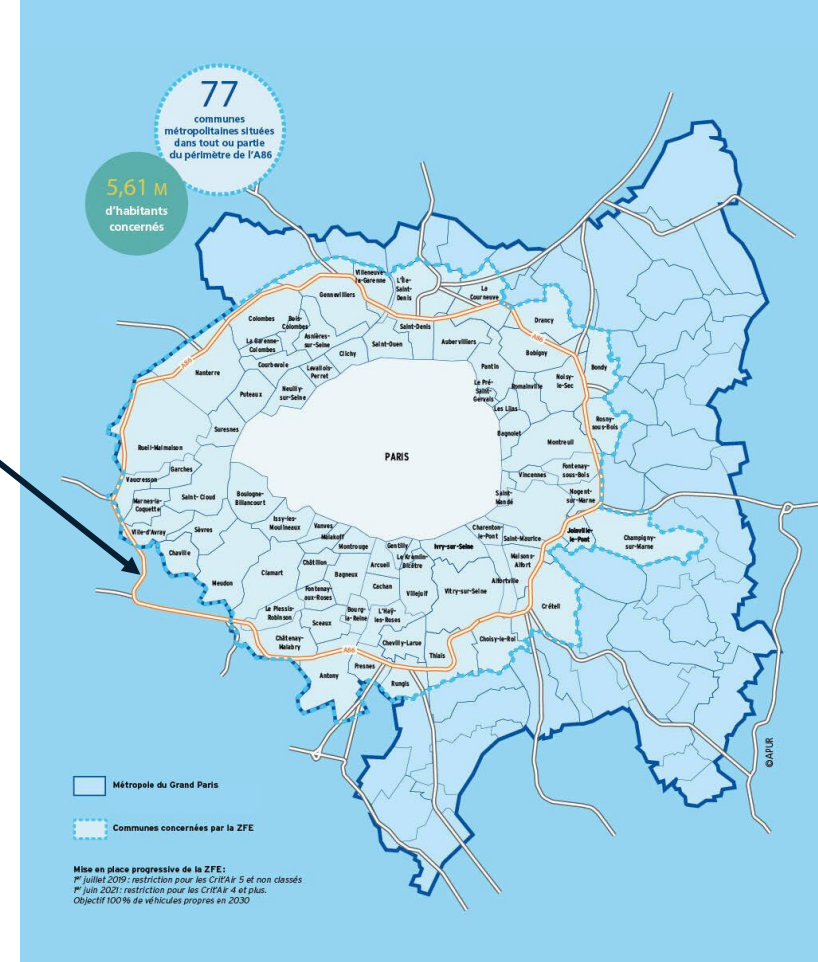
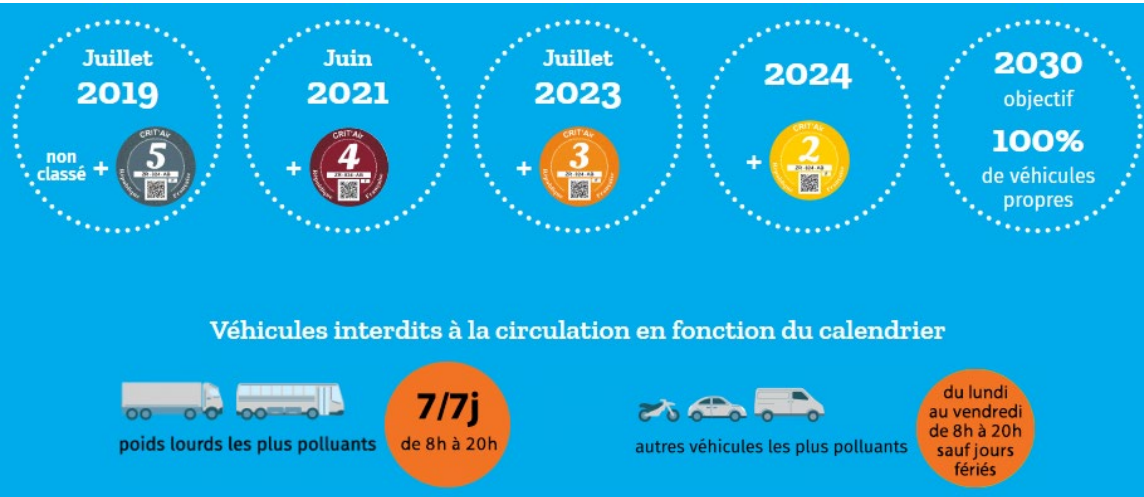
# Polices Low Emission Zone

Authority : the Greater Paris Metropolis

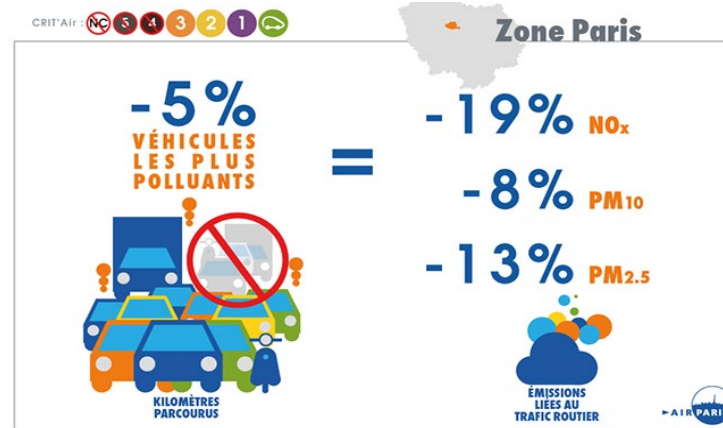
Perimeter : A86 highway

Targets : Paris + 76 cities

Initial calendar :



Gains (in Paris) after 2 first steps :



Categorization : Crit'air labels (delivered by state ministry)



# Policies

## Decreasing speed limitation

**Ring road, « le périphérique »** : 10/01/2014

Max speed : 80km/h down to 70km/h

**Paris intra-muros** : 30/08/2021

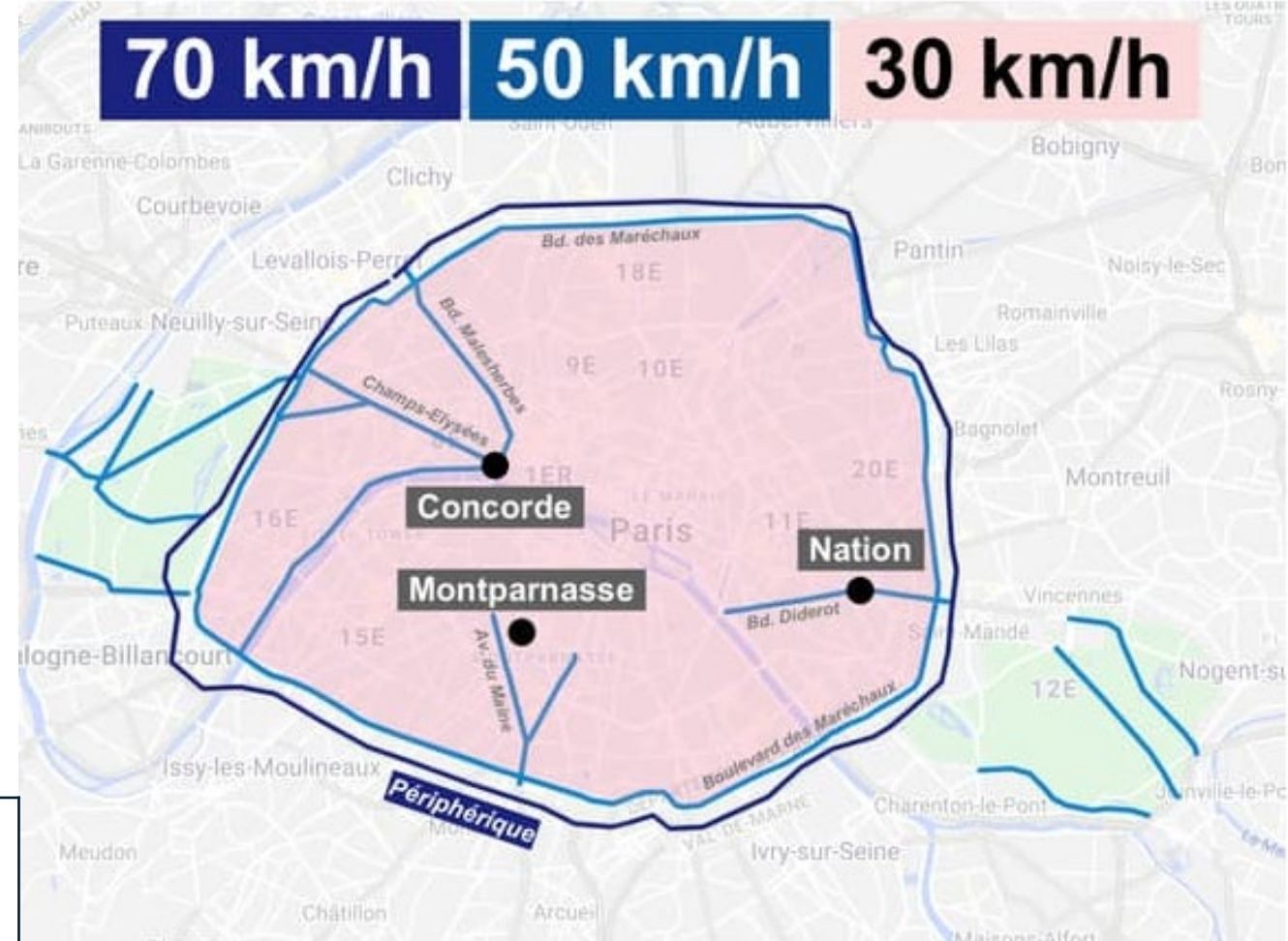
Max speed : 50km/h down to 30km/h

Few axis remain limited at 50km/h

60% of city was limited at 30km/h

Opinions (poll) about the passage to 30km/h :

|                    |         |                              |             |
|--------------------|---------|------------------------------|-------------|
| Parisians          | 59% for | 39% for generalisation       | 39% against |
|                    |         | 20% with some axis at 50km/h |             |
| Region inhabitants | 36% for | 16% for generalisation       | 61% against |
|                    |         | 20% with some axis at 50km/h |             |



*As for any restriction, a part of population is against, but eventually gets used to.*

# 02

## Urban planning

Bicycle paths

Schools streets

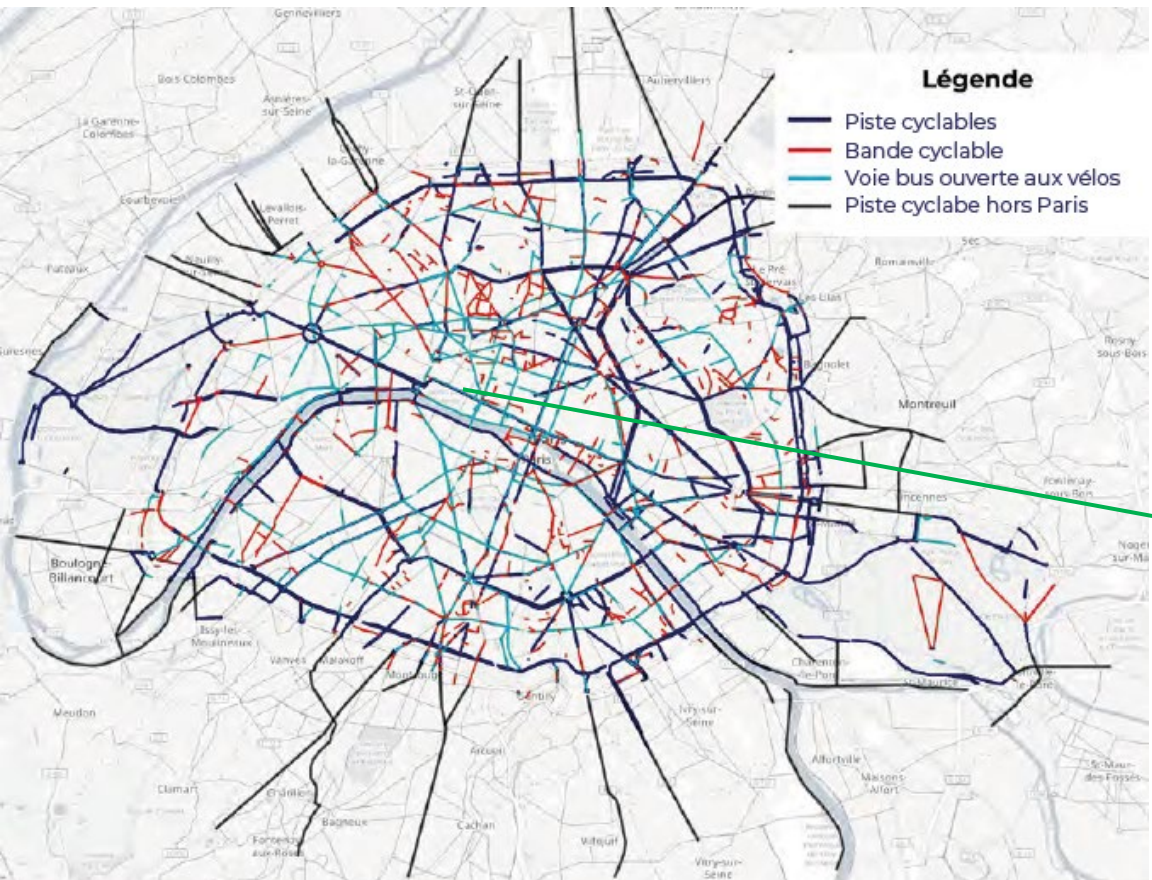
« Paris respire » areas

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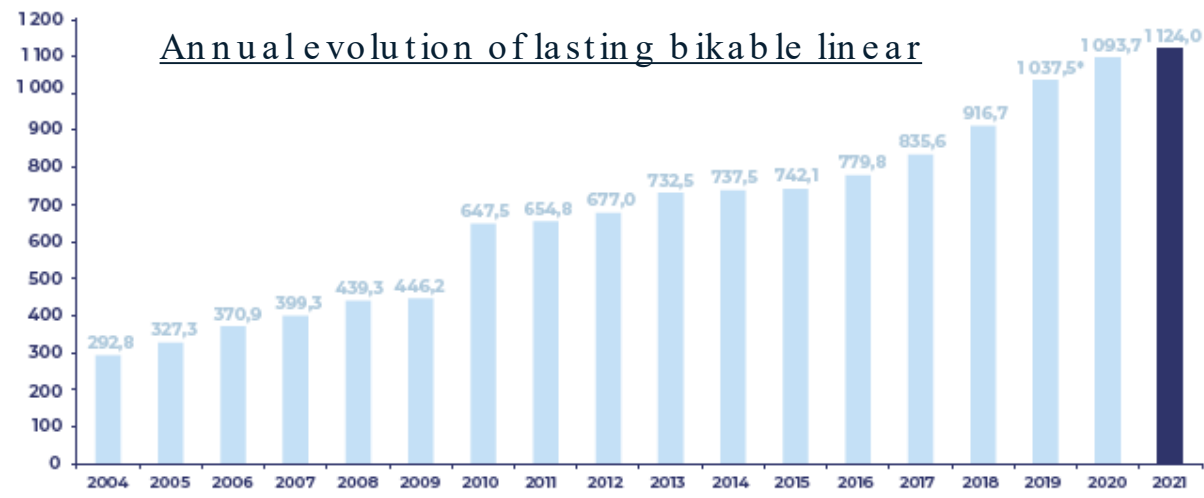
# Urban planning

## Bicycle paths

Bike paths, cycle lanes & bus lanes open to bikes (2021)



Linéaire total (en km)



Rue de Rivoli (one of main the streets, longing the city hall) :

# Urban planning

## Schools streets

Closing streets (or almost..)

around kindergartens and elementary schools

→ Safer, saner environment



### How

By planning pedestrian areas, planting, urban design...

If impossible to : urban design (obstacles) forcing a low speed

Some streets can't be closed : mass transit lines, presence of public parking lots, or too busy and whose traffic can't be reported on other streets

→ Urban design (obstacles) to slow down the speed

For residents : most of all are favorable, public meetings help obtaining a general approval





# Urban planning

## « Paris respire » areas – « Paris respire » day

### Map of the main « Paris respire » areas

Areas allowing only pedestrians and bikes, on specific days, depending on the zone (saturdays, sundays, free days)

### 8th « Paris Respire » day (Sunday 18th of September)



A Sunday, usually on September, from 11h to 18h  
Cars and motorcycles banned (except buses, cabs, emergency cars...)  
NO2 levels down by 30% versus a regular Sunday

City of Pantin joins the event in 2021 with « Pantin sans voiture »

# 03

## Trends

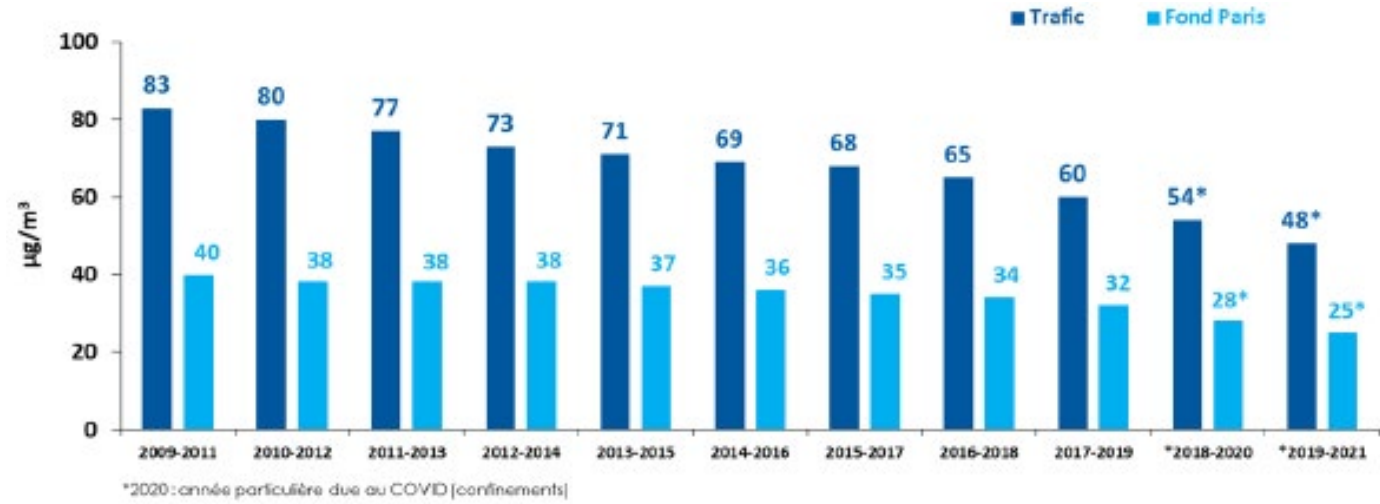
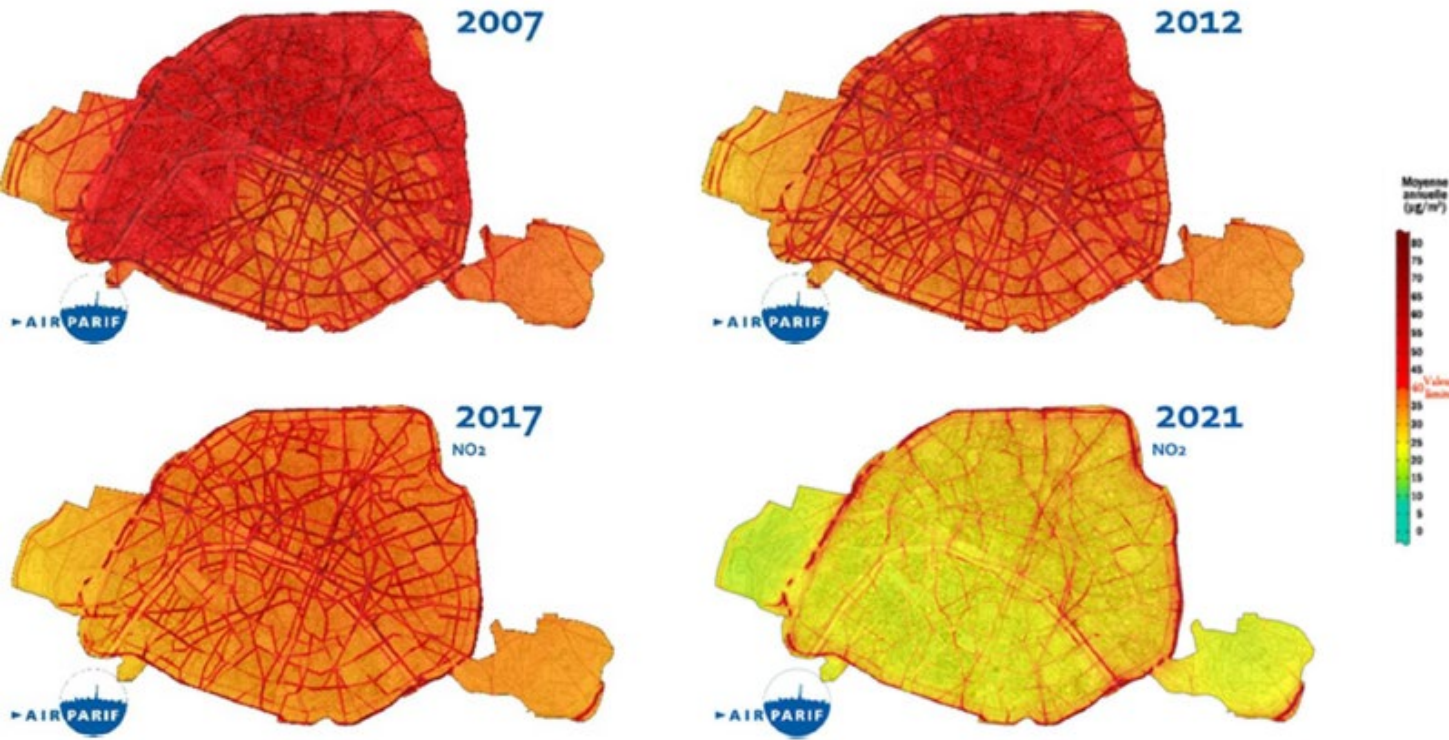
NO<sub>x</sub>, PM<sub>2.5</sub>

Traffic decreasing

# Trends

## NO<sub>x</sub>

NO<sub>x</sub> annual levels' evolution, scale : [0;80] (μg/m<sup>3</sup>) (2021)

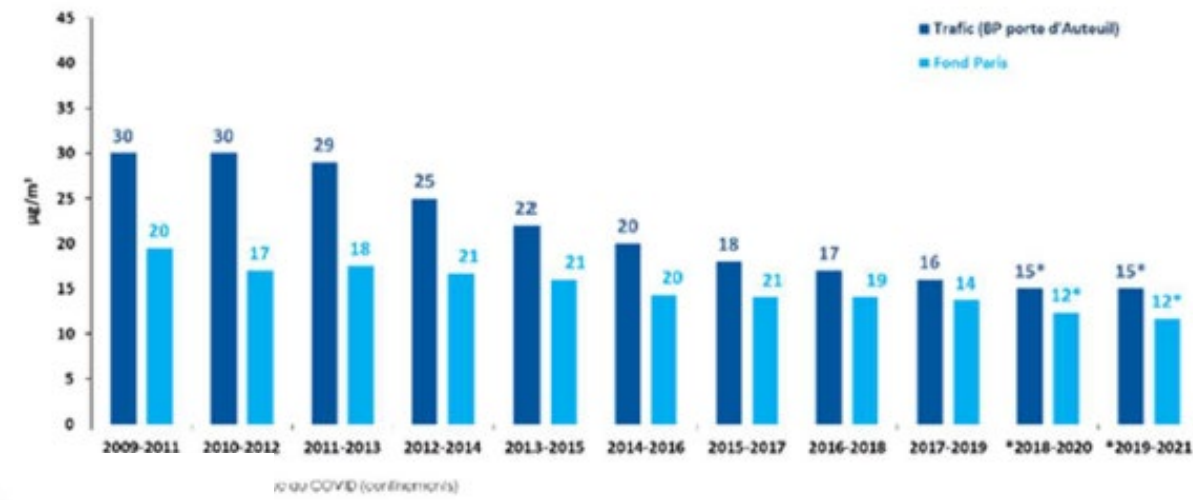
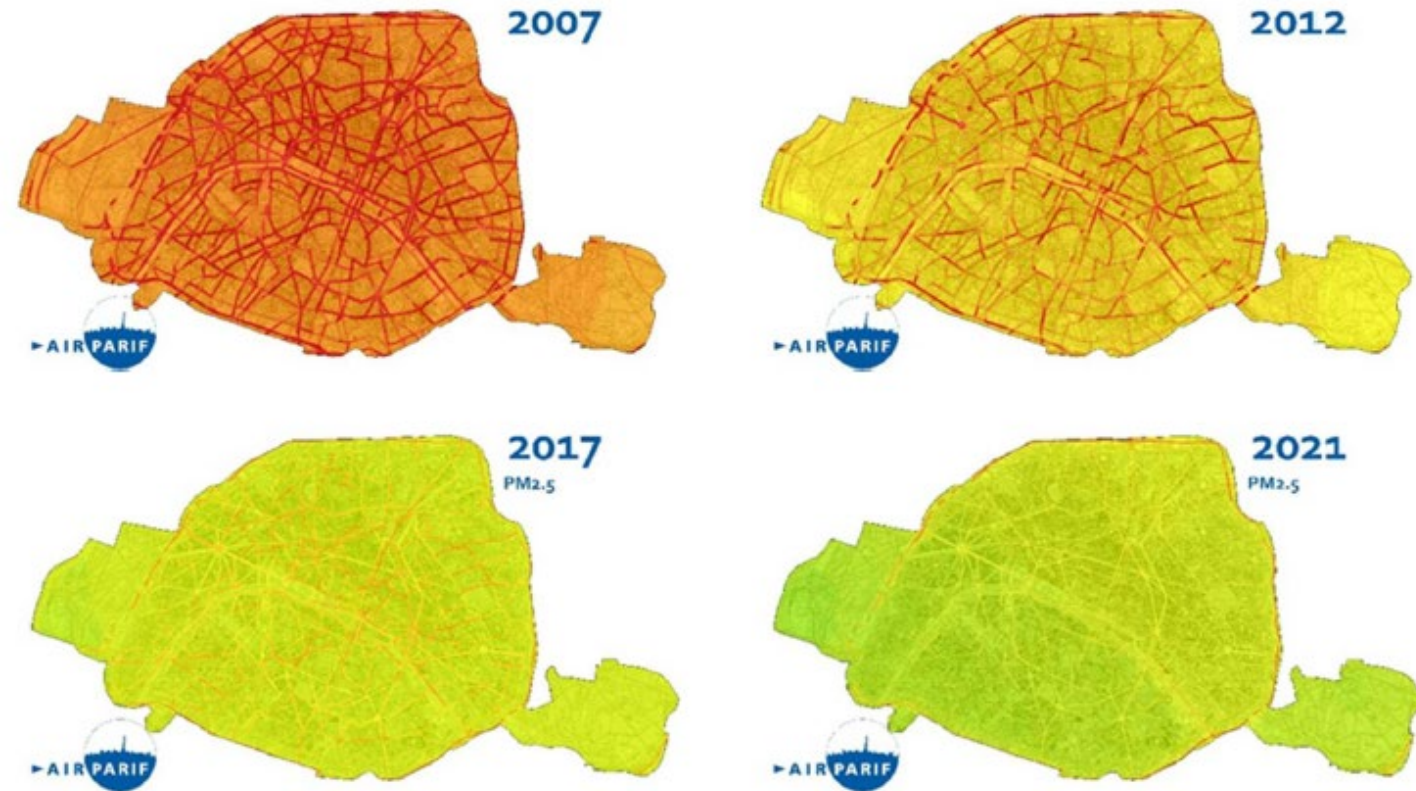


NO<sub>x</sub> tri-annual levels' evolution (2021)  
Light blue : background ; Dark blue : near traffic

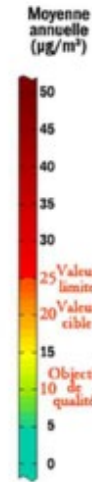
# Trends

## PM<sub>2.5</sub>

PM<sub>2.5</sub> annual levels' evolution, scale : [0;50] (µg/m<sup>3</sup>) (2021)



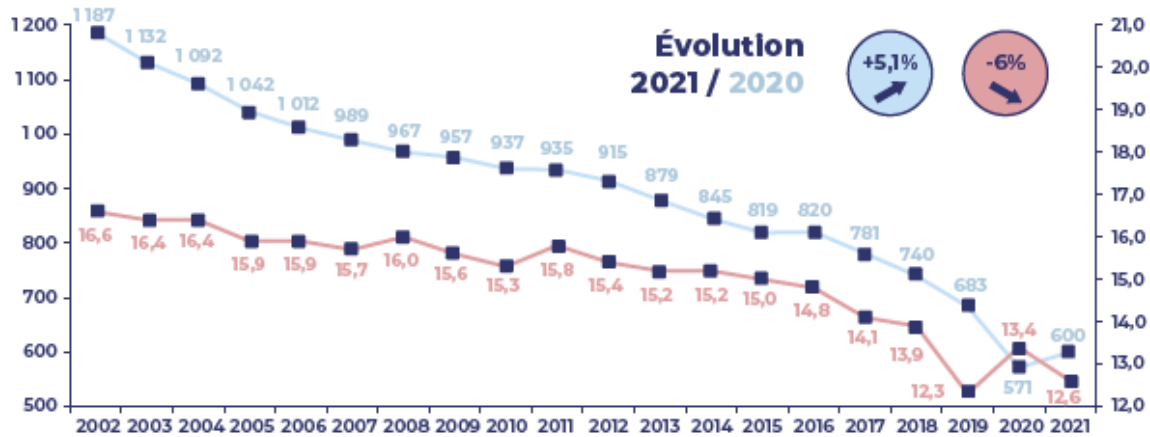
PM<sub>2.5</sub> tri-annual levels' evolution (2021)  
 Light blue : background ; Dark blue : near traffic



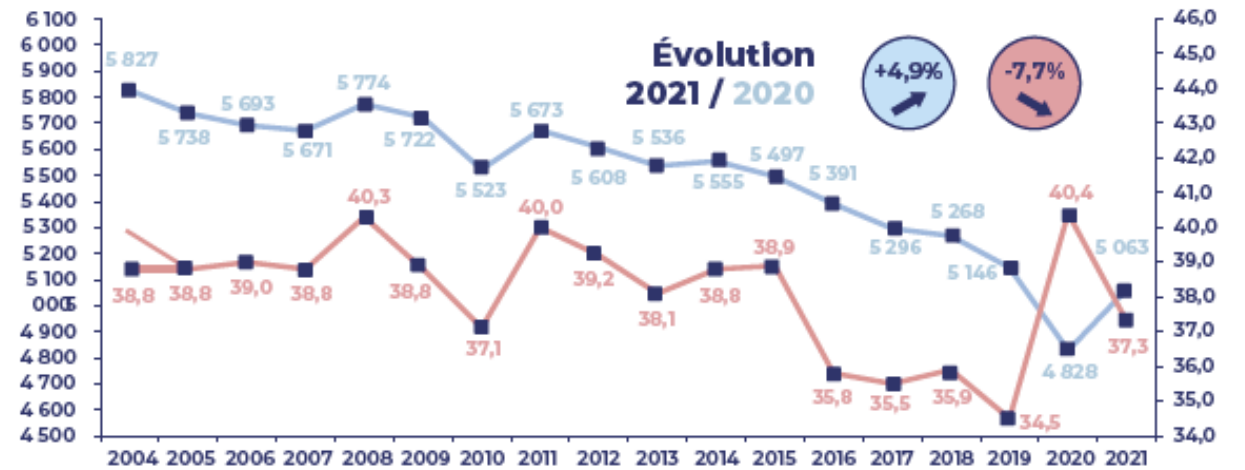
# Trends

## Traffic decreasing

Traffics annual evolution in Paris intra-muros



Traffics annual evolution on the ring road



Blue : vehicle.km by hour between 7:00 and 21:00

Red : average speed between 7:00 and 21:00

Blue : vehicle.km by hour between 7:00 and 21:00

Red : average speed between 7:00 and 21:00

# 04

## Next steps

Low Emission Zone's next step

Limited Traffic Zone

Updating the Territorial Plan for Climate Air and Energy

## Next steps

### Low Emission Zone's next step – Limited Traffic Zone – Updating the Territorial Plan for Climate Air and Energy

#### Low Emission Zone's next step

Step 3 has been postponed from July 2022 to July 2023, then to 2025 at best

- to prepare social impact as it concerns 380.000 cars (communication campaign, financial helps,..)
- to install control system (by Registration Plates Automatic Read)



*Some national representatives tried to cancel Low Emission Zones in France, in vain.*

#### Limited Traffic Zone

First districts of center of Paris will ban local through traffic.

Only public services, cabs, emergencies, deliveries and residents cars will be allowed.

Due to first semester of 2024.

#### Updating the Territorial Plan for Climate Air and Energy

City of Paris is updating its Territorial Plan for Climate, Air and Energy (due to 2024).

This document sets up the guidelines for environmental actions.

For air quality, our department pleads for sensible measures on wood burning (first PM emitter in Paris).



*A prefectural order almost banned all wood burning in Paris (and its region) in 2015.  
Since, only main heating is banned in Paris.*



**Merci**