



# PARIS CLIMATE ACTION PLAN

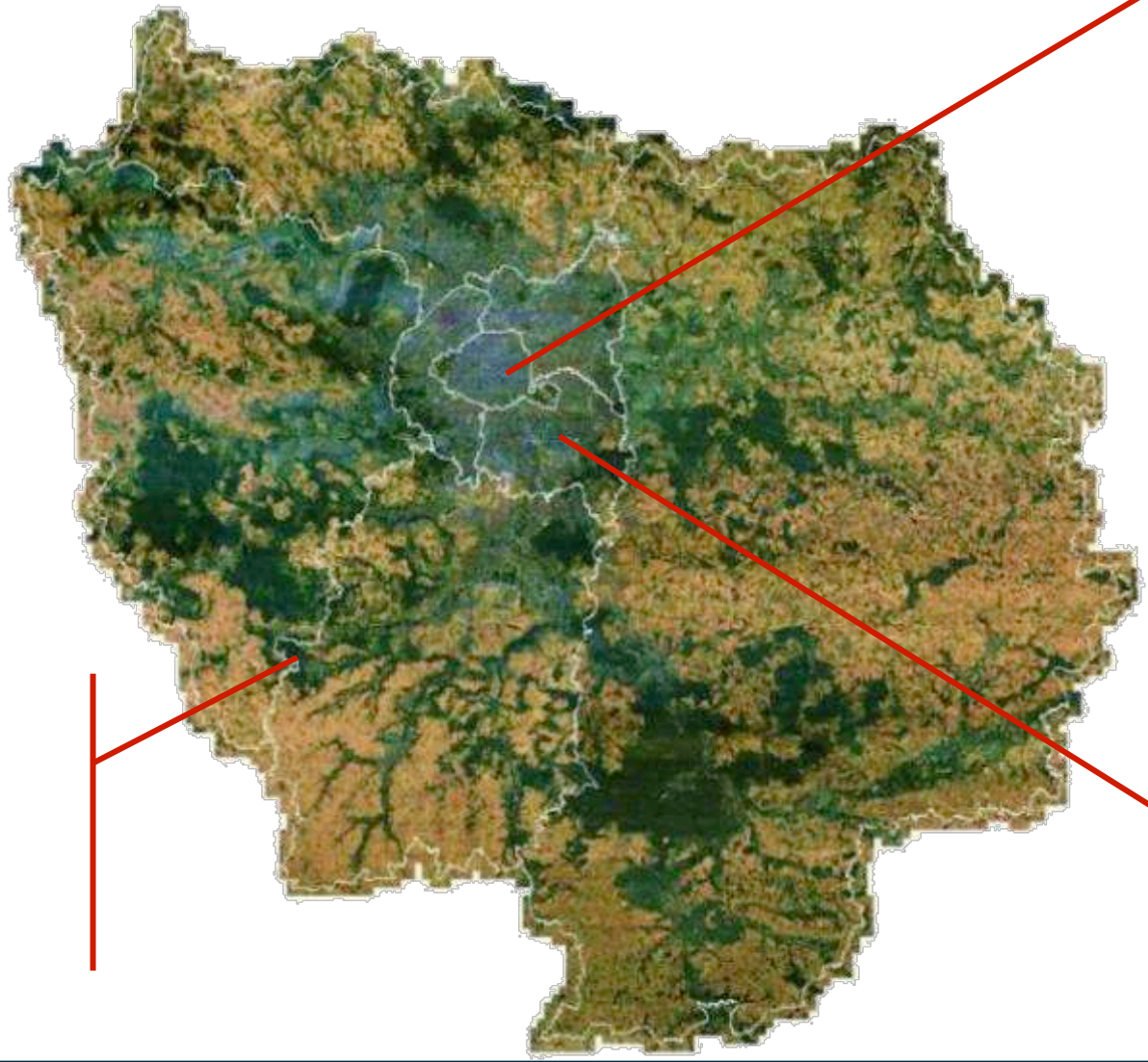
Paris' carbon neutrality strategy  
*for a fairer, inclusive and resilient city*



ici, demain!  
ensemble pour le climat



# Paris and its region

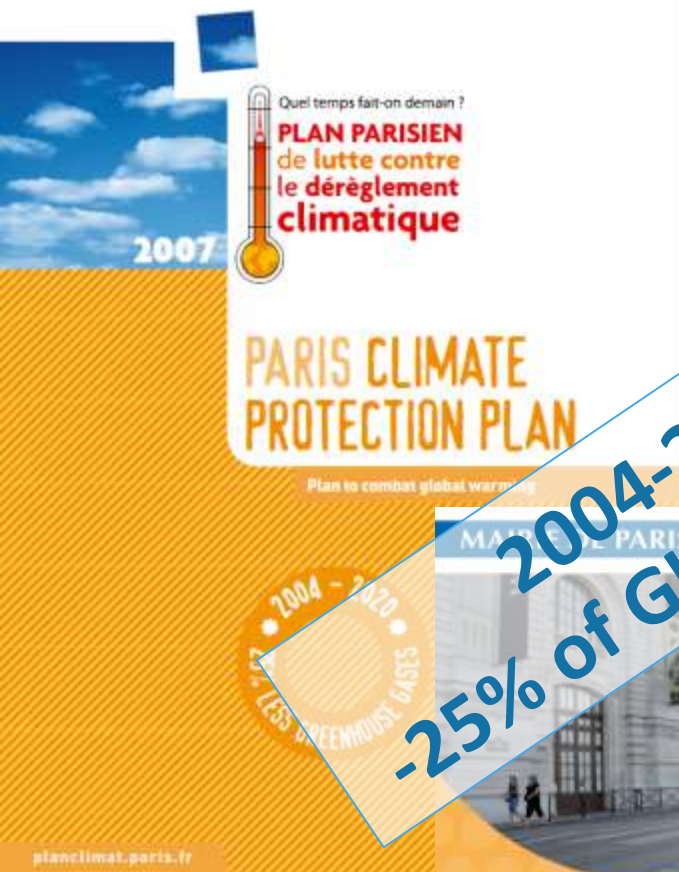


**Paris**  
105 km<sup>2</sup> (40.5 sq. miles)  
**2,190,237 inhabitants**  
1,803,024 jobs

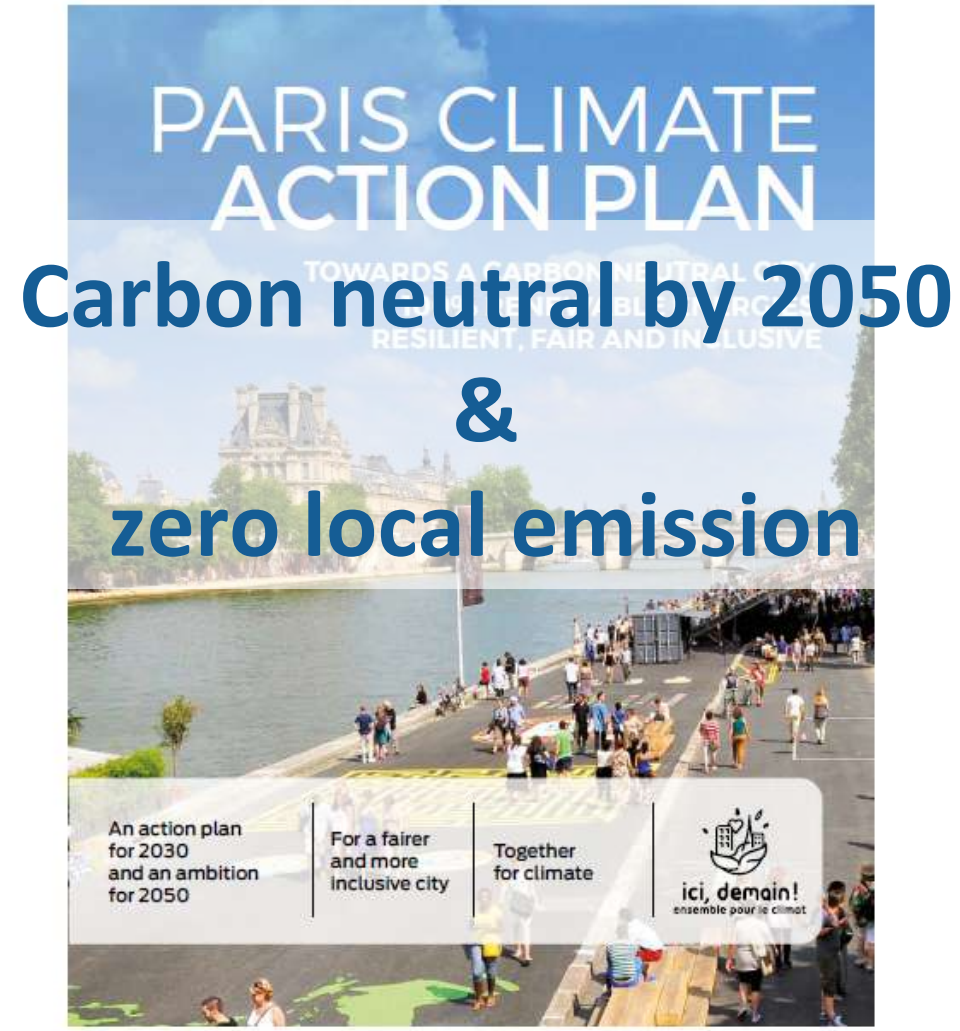


**Region**  
**Île-de-France**  
12,012 km<sup>2</sup> (4640 sq. miles)  
**11,746,000 inhabitants**

**MGP**  
762 km<sup>2</sup> (295 sq. miles)  
**6,695,236 habitants**



2004-2020  
-25% of GHG emission





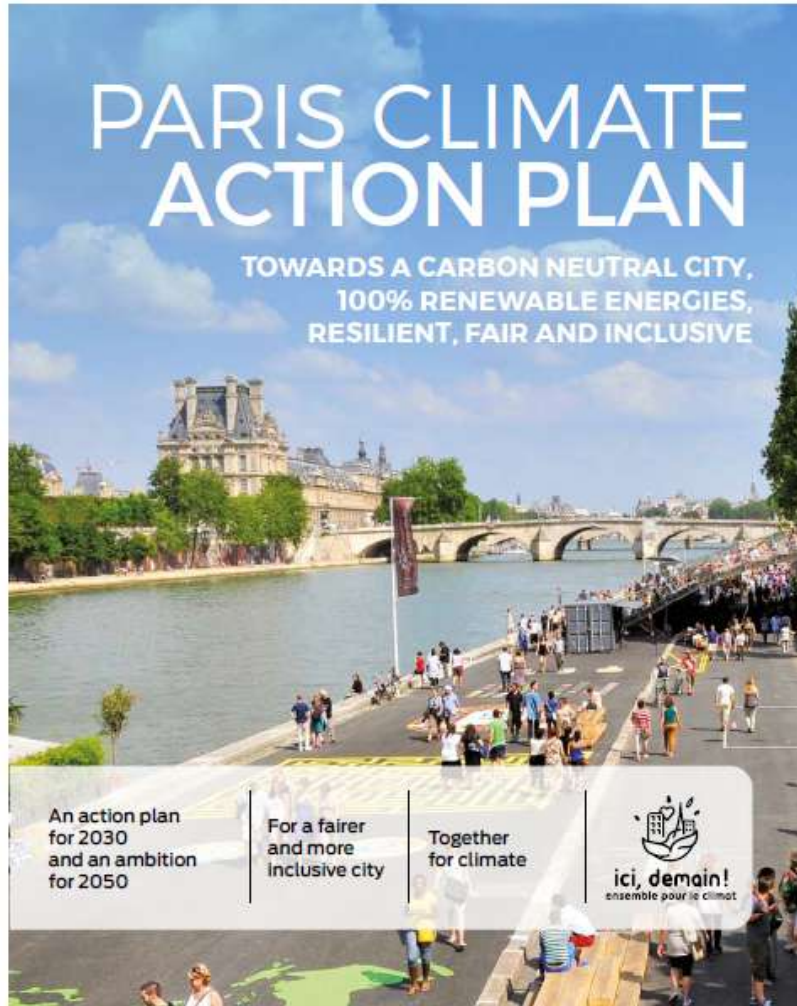


# A local climate policy: 2 main pillars

Reduction (*mitigation*)

greenhouse gas emissions and air  
pollutants

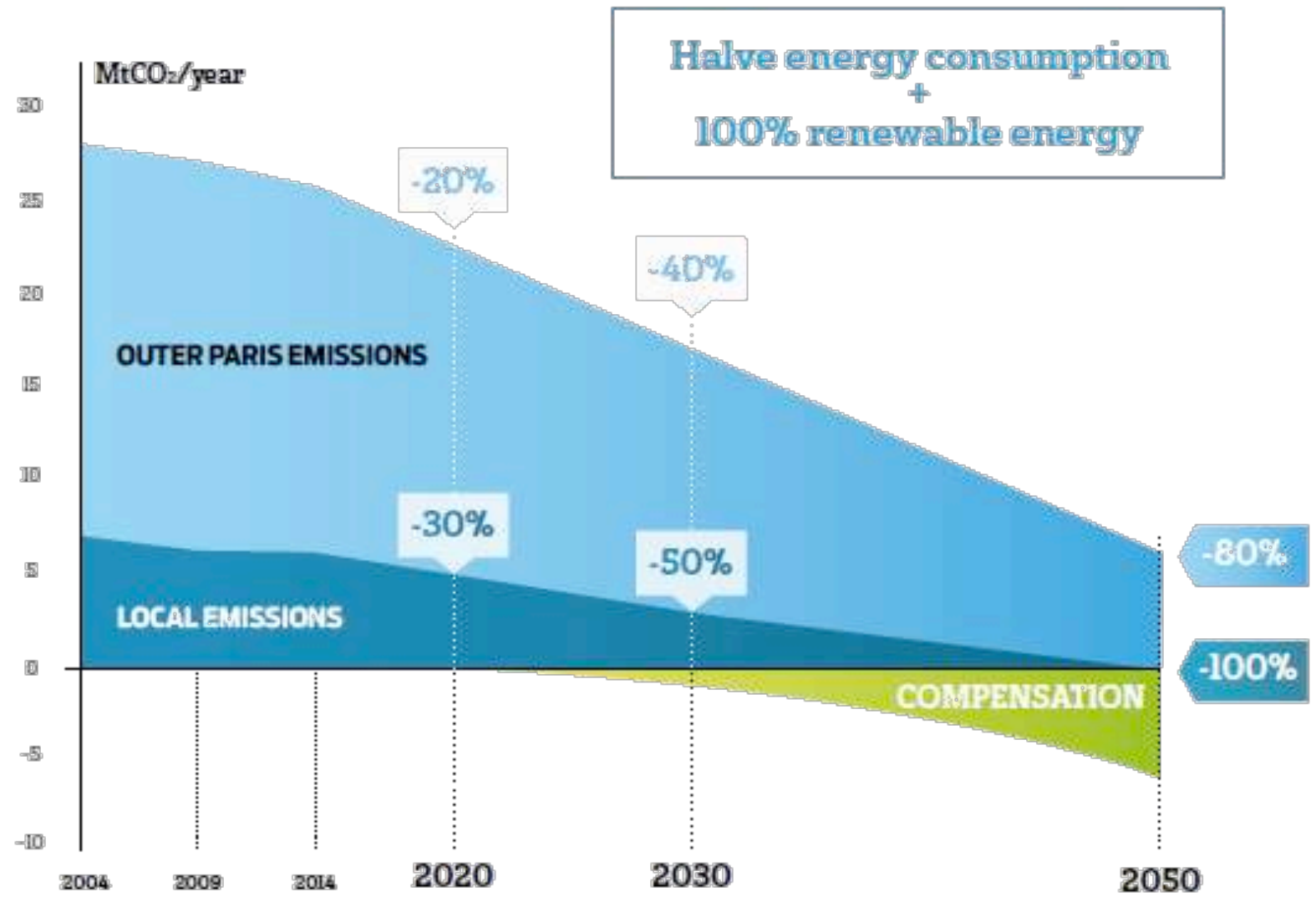
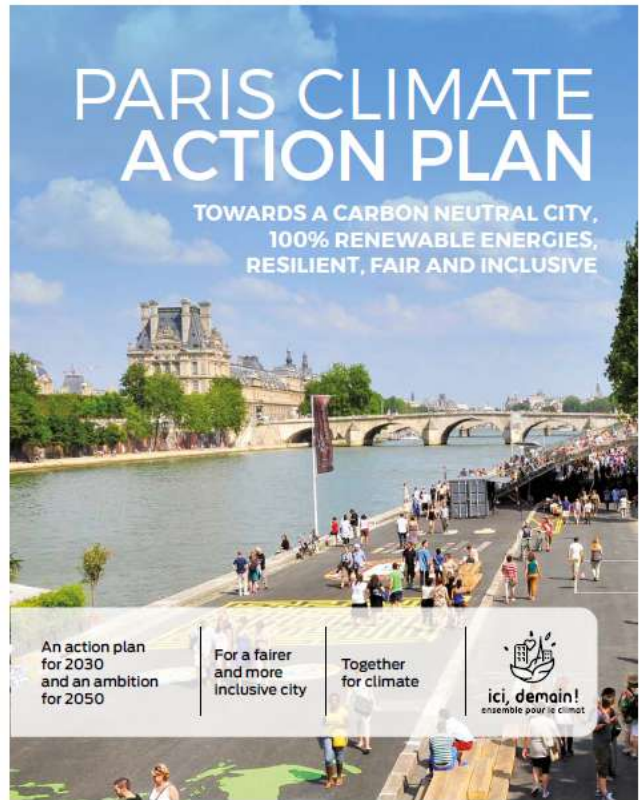
Adaptation  
facing future hazards



Plan Climat disponible sur

<https://cdn.paris.fr/paris/2020/11/23/99f03e85e9f0d542fad72566520c578c.pdf>

# Paris climate neutrality pathway to 2050





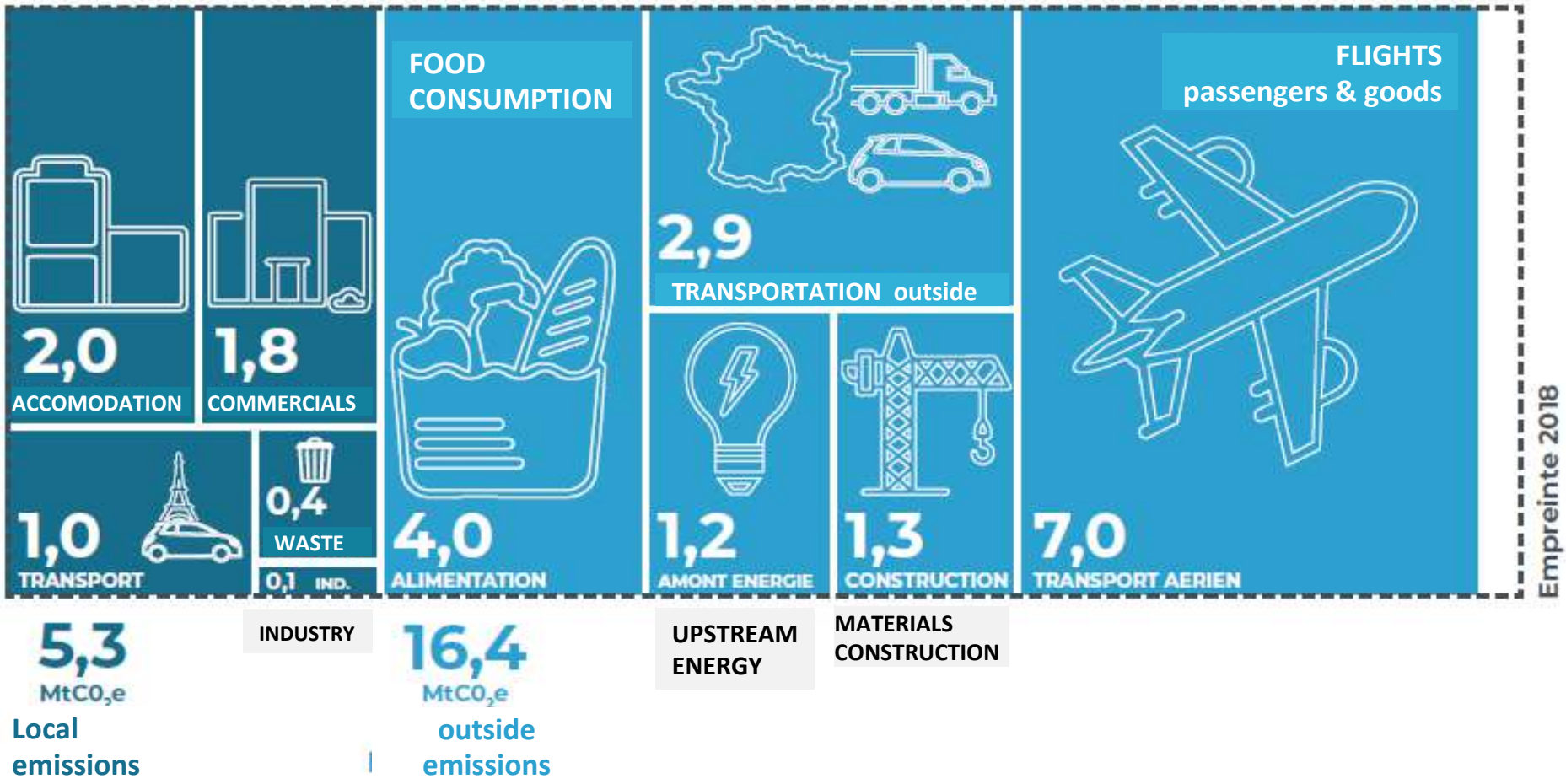
# THREE MILESTONES, ONE URGENT NEED



# Last « steady picture" of GHG emissions

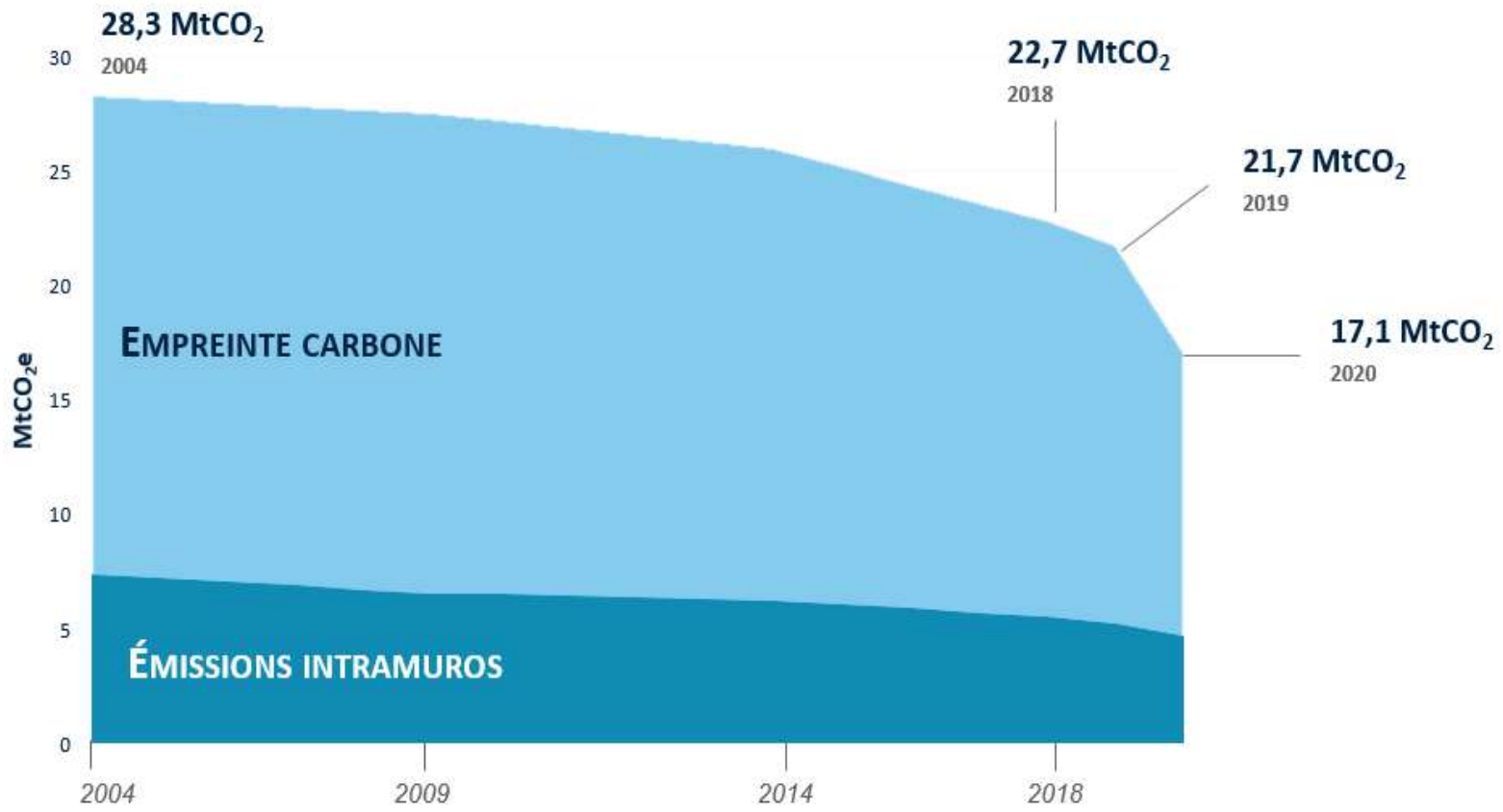


**21,7**  
MtCO<sub>2</sub>e





# Greenhouse gas, First milestone about to be reached



- 24%

Evolution of greenhouse gas emissions between 2004 and 2019

The trends encourage to persist in this evolution



# Energy,

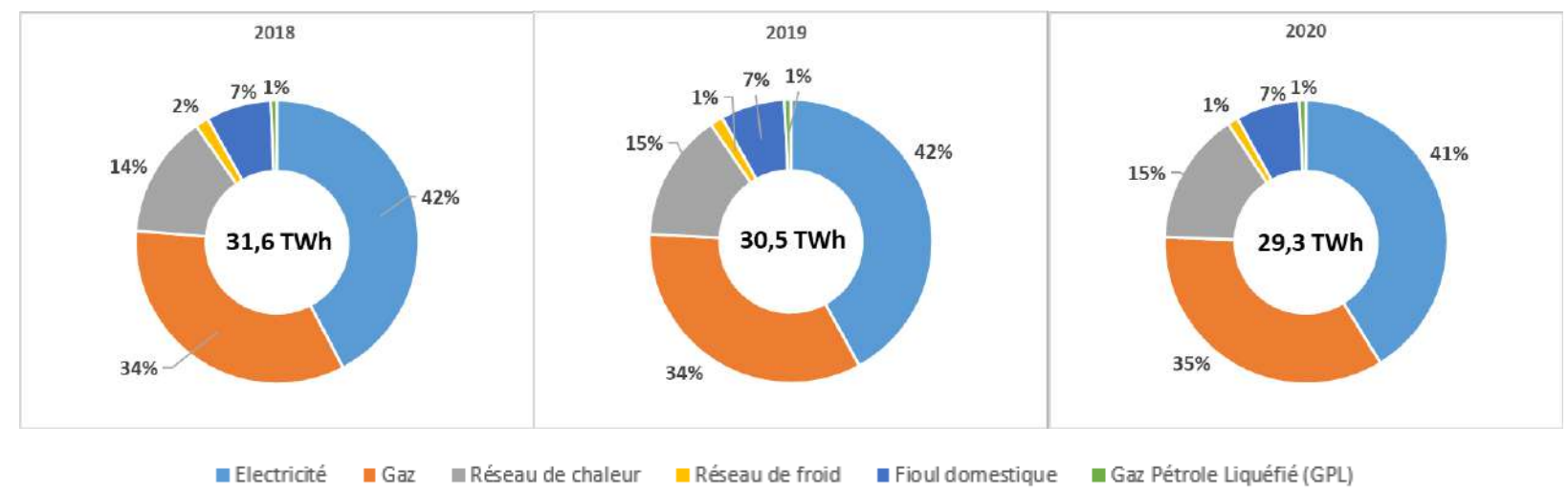
A greener energy mix but efforts to be strengthened for sobriety

**21.1 %** Consumption of energy from renewable or recovered sources (EnR<sup>2</sup>) in 2020

**6.8 %** Part of Local ENR<sup>2</sup> production estimated in 2019 consumption

**- 13 %**  
Energy consumption between 2004 and 2020

**29.3 TWh**  
Energy consumption 2020



# Air,

Air quality in Paris is improving, mobilization must continue

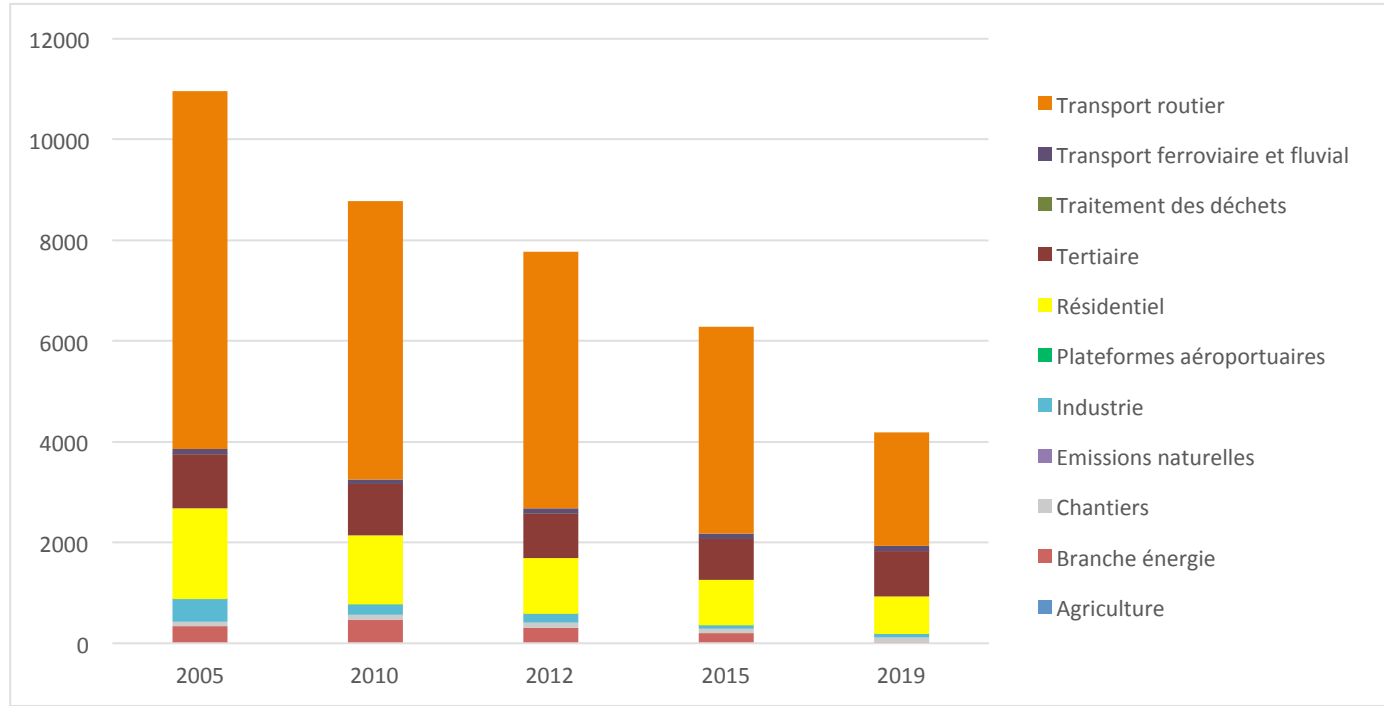


Évolution des concentrations moyennes annuelles en NO<sub>2</sub> – Source Airparif 2022

**- 30%**  
 Evolution of background NO<sub>2</sub> concentration between 2004 and 2019

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The trends encourage to persist in this evolution



Évolutions des émissions de NOx entre 2005 et 2019 en tonne/an – Source Airparif 2022



# CARBON NEUTRALITY

## TARGETS



**50%**

less energy consumption  
by 2050



**100%**

renewable and recovered  
energies by 2050



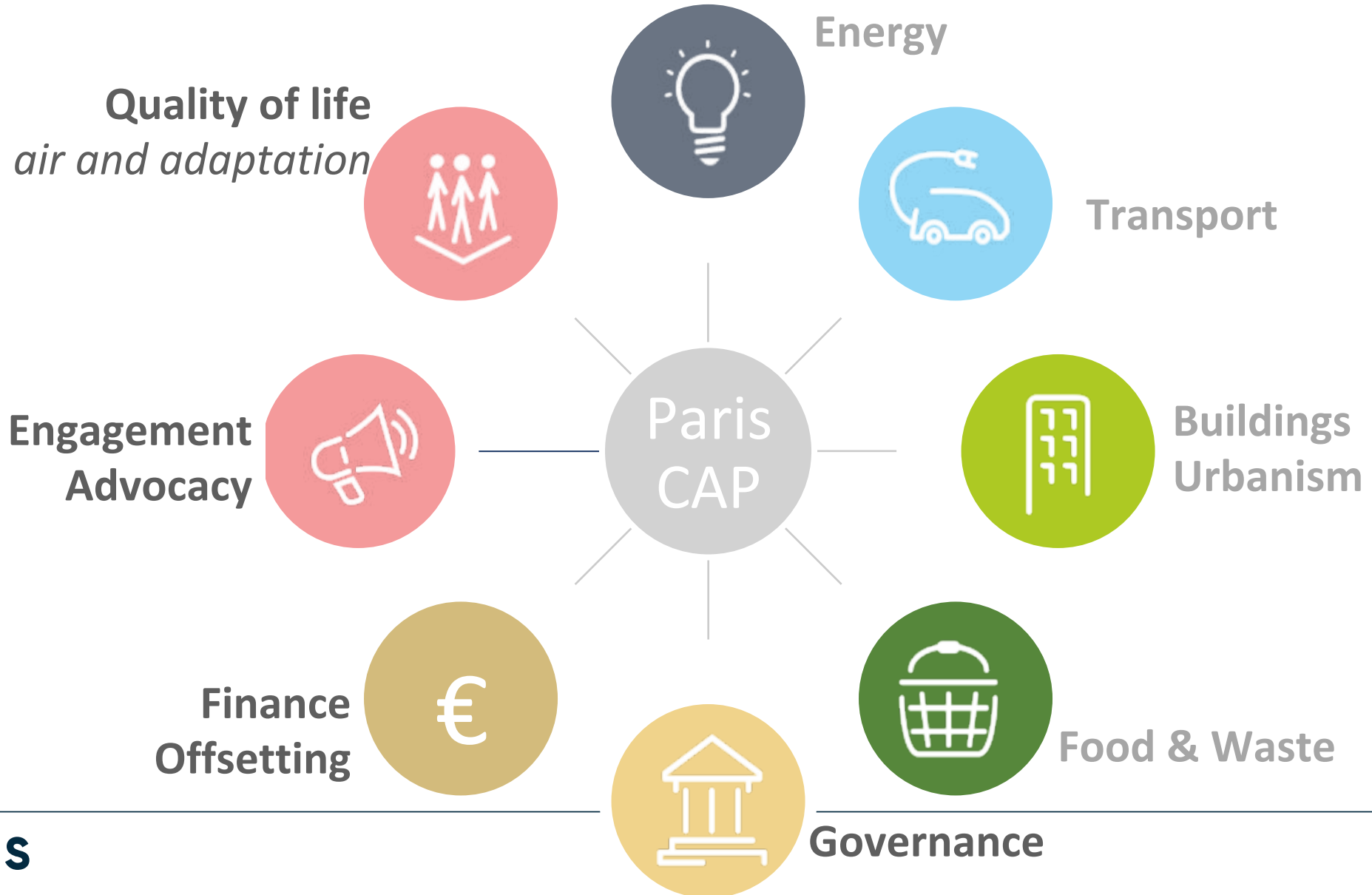
**20%**

energy consumption  
from local renewable energies  
by 2050



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# 360° programme





# BUILDING AND URBAN PLANNING

## TARGETS



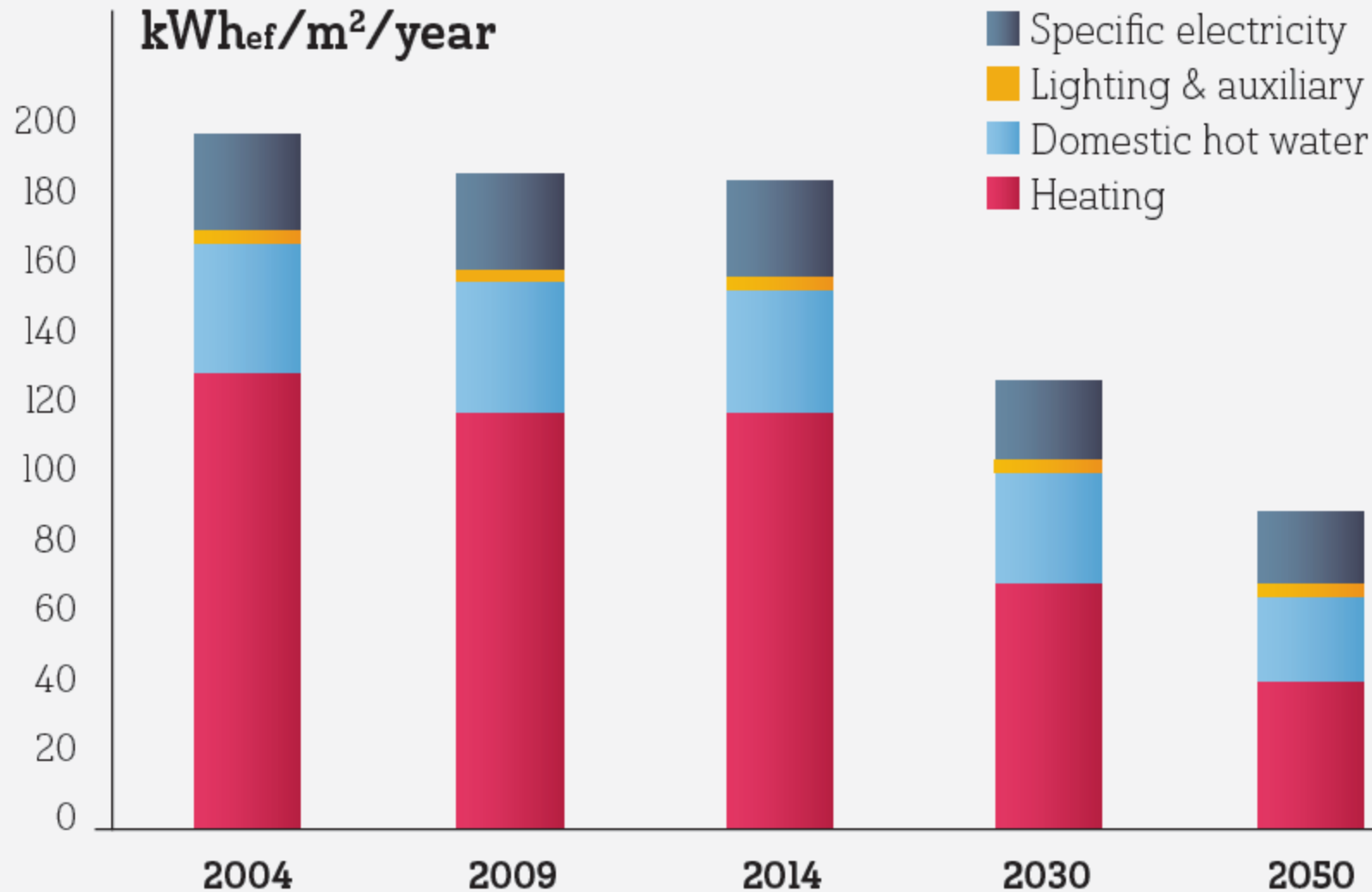
**Paris 100 % eco-renovated**  
to meet the fundamental challenge of fuel poverty  
by ensuring healthy and comfortable housing  
with controlled loads



Energy consumption on housing  
**reduced by one third** by 2030  
**and by half** by 2050



# Changes in energy consumption in housing by 2050

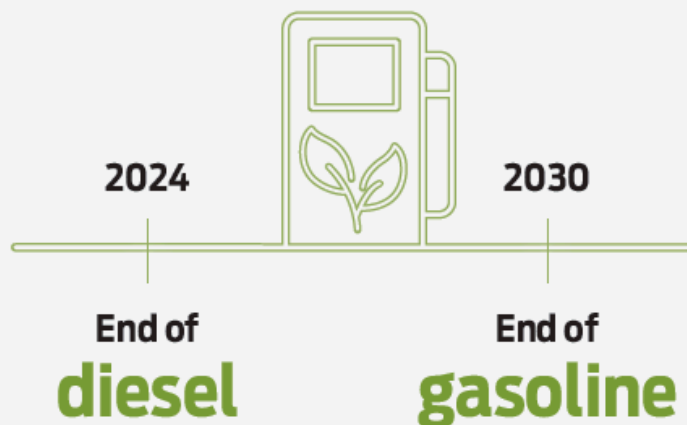


*1 million flats  
&  
50 millions sqm of  
commercials  
to retrofit  
in 30 years*



# MOBILITY

## TARGETS



Paris  
**100% cycle-friendly**  
by 2020

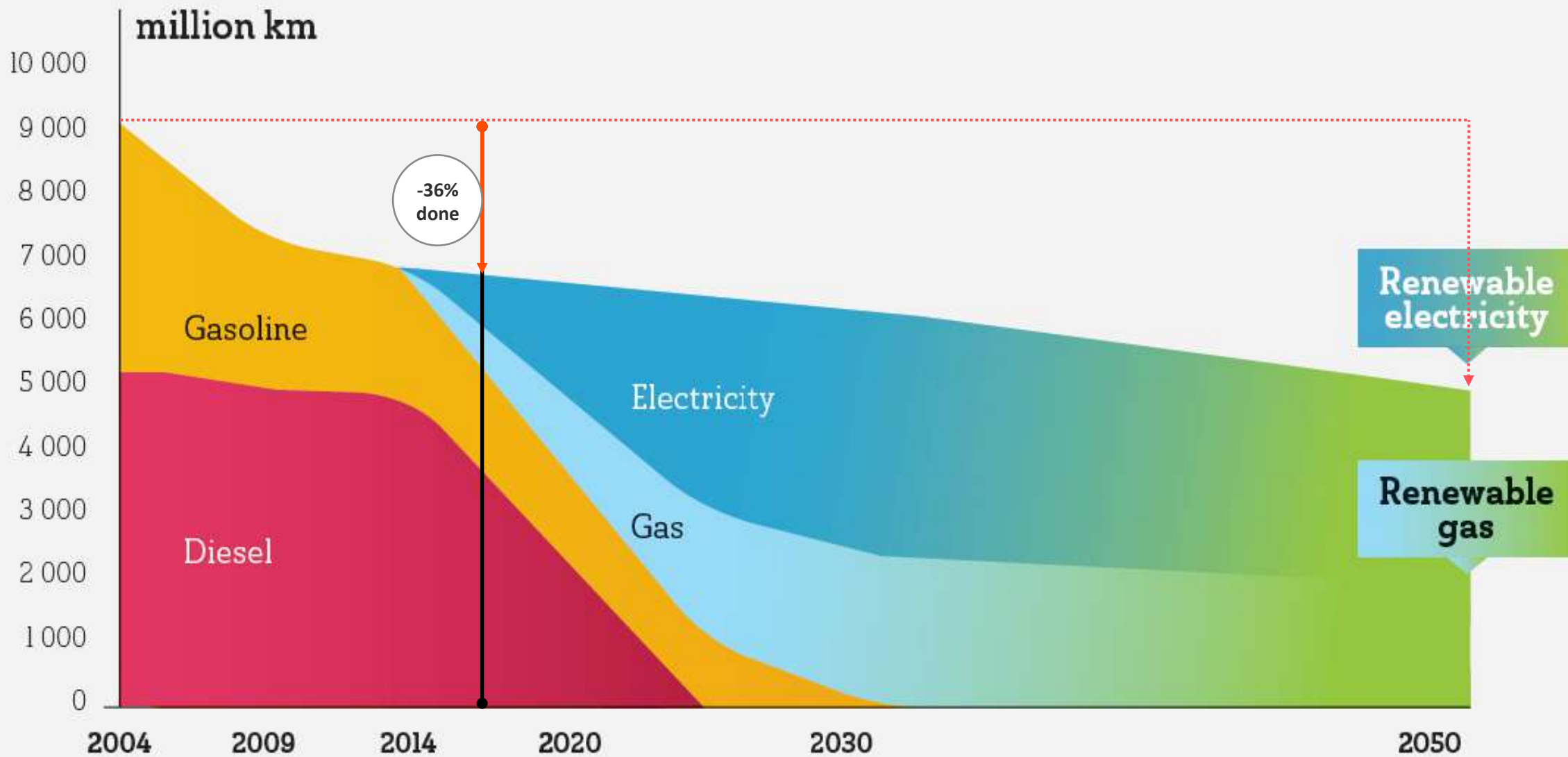


**A low-carbon**  
urban logistics plan  
for Île-de-France region



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# Energy source evolutions for the local on-road transportation





# WASTE

## TARGETS



**10%**  
less Household  
and Similar Waste  
between 2010 and 2020



**zero waste**  
not valued



**50%**  
reduction of food waste  
by 2025



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# FOOD

## TARGETS



**40%**

reduction in greenhouse gas emissions generated by food by 2030



**90%**

sustainable food in collective restaurants in 2050

Usable agricultural land in Île-de-France region

**20%**

**30%**



2030

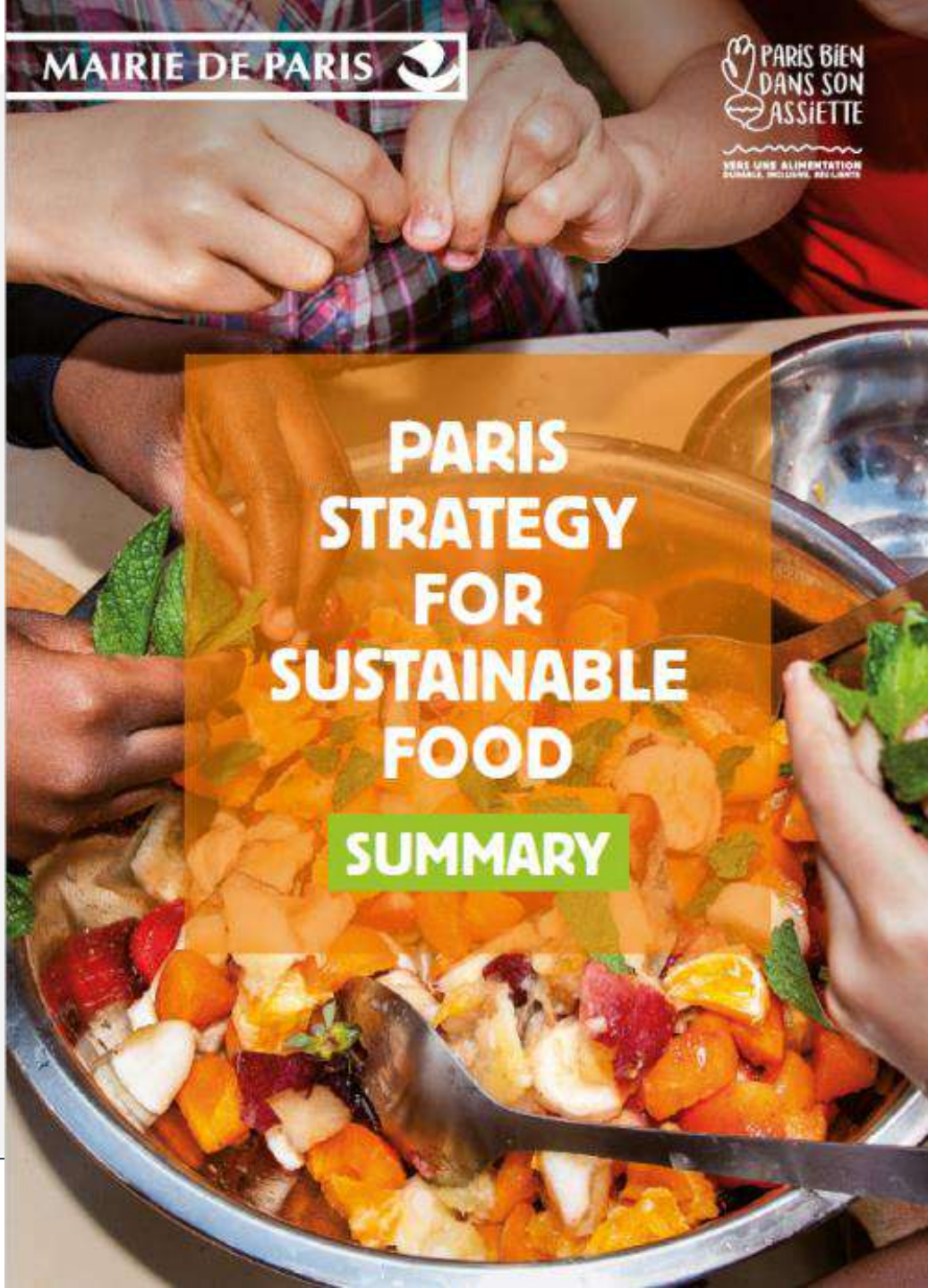
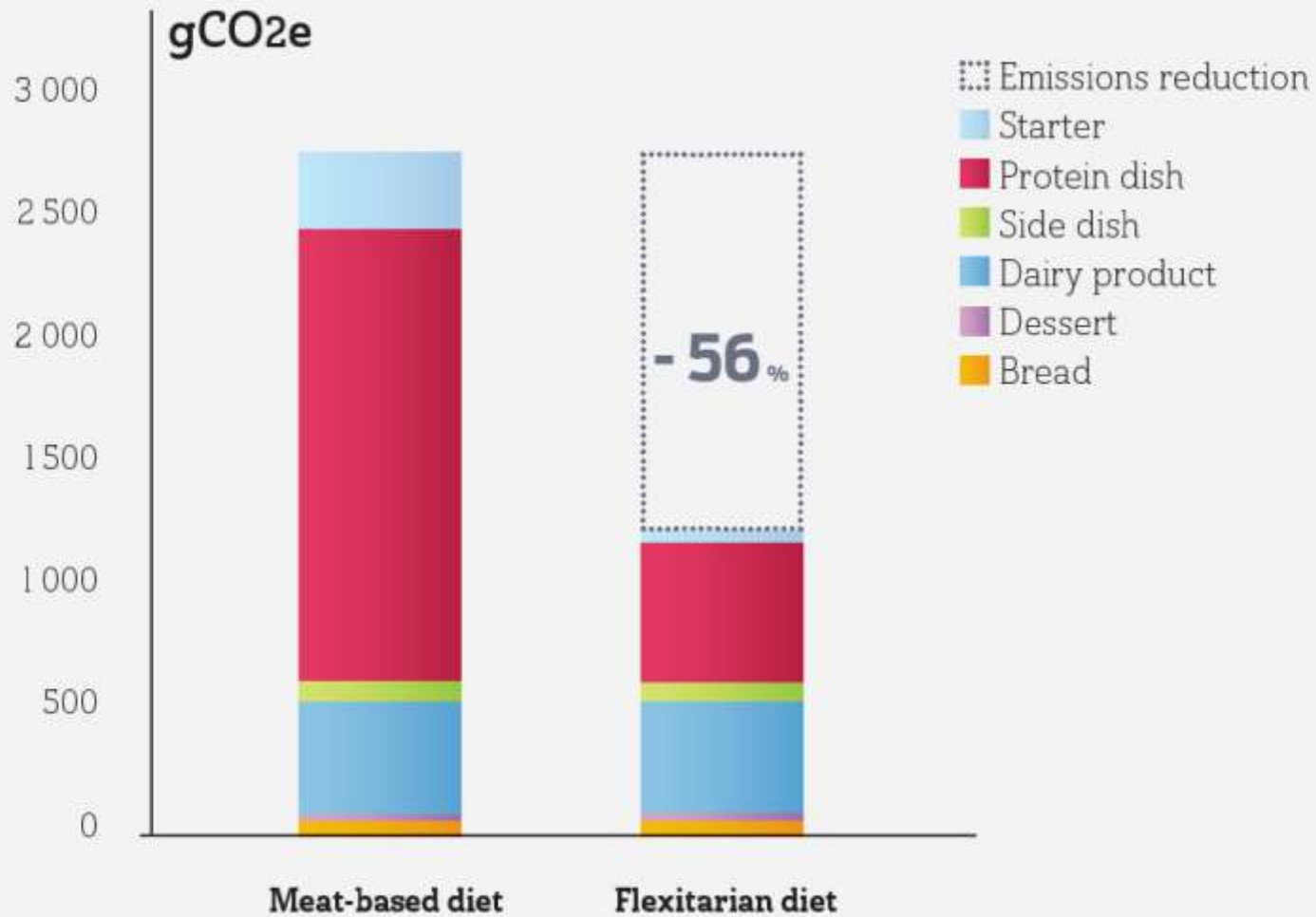
2050



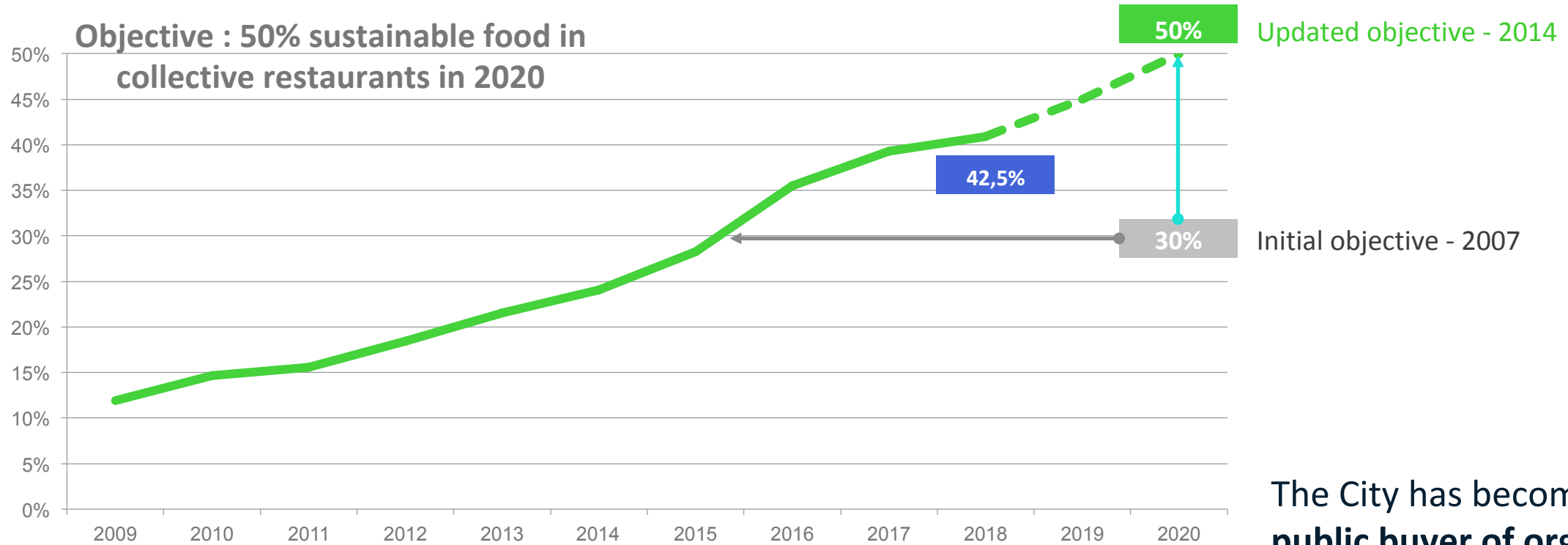
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# Carbon footprint of a meal



# Results – Administration Sustainable Food Plan



## 30 million meals / year

in 1 200 municipal canteens

(Nurseries, school canteens, day-care centers, staff cafeterias, retirement homes ...)

The City has become the **1<sup>st</sup> public buyer of organic products** in France through procurement for its institutional food services.



# Carbon footprint of food





**PARIS**



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**FULLY ADAPTED TO  
CLIMATE  
CHANGE**



## TARGETS



**A resilient,  
inclusive city,  
thanks to the mobilization  
of civil society**



**40%**  
of the territory covered by  
vegetation  
by 2024



**Refresh the city  
with new urban  
developments**



**A more important  
role for water in the  
city  
by 2050**





# GENERAL INVOLVEMENT, A NEW GOVERNANCE

70 600



VILLE DE  
**PARIS**

**Volontaires  
du Climat**  
À PARIS, ON AGIT !

J'agis pour une ville neutre en carbone et  
100% énergies renouvelables d'ici 2050

[volontairesduclimat@paris.fr](mailto:volontairesduclimat@paris.fr)

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PARIS

**L'ACADEMIE  
DU CLIMAT**



Paris Action  
Climat Biodiversité





# FUNDING THE TRANSITION



20% of participatory budget dedicated to climate initiatives (6,5 millions € in 2018)



## Green Bonds

2015	300 millions € (1,71% -15a)
2017	320 millions € (1,48% -17a)
2020	300 millions € (0,47% -25a)



Paris Green Fund

## PARIS FONDS VERT

2018 **160 millions €**



# Reconnect Paris and its countryside



**100%** of renewable  
energy  
in the Paris consumption  
including **20%** of local  
production



**50% of food  
from Paris'  
region by 2030**



**Offsetting 20%**  
residual emissions





PARIS

ขอขอบคุณ ! Salamat ! Terima Kasih ! நன்றி !

Cảm Ơn ! 谢谢 ! Dzieki ! Rahmat !

អរគុណ ! Merci ! Thank you !

អរគុណ ! MERCI ! ΤΡΑΝΚ ΛΟΝ !



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