

Angers Loire Métropole sustainability strategy and policies

Focus on mitigation and EU climate neutral & smart cities

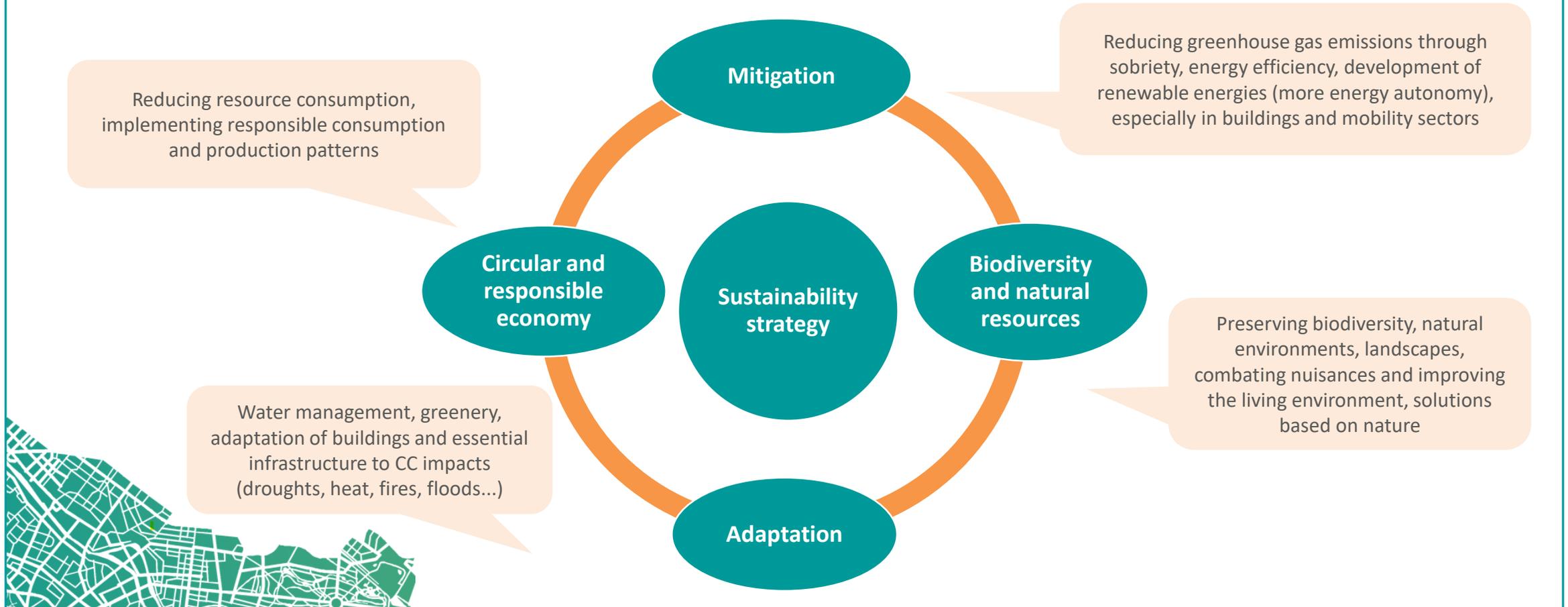
Université d'Angers - COP EU Green

7 October 2025



ALM has a consistent and comprehensive sustainability strategy based on a large panel of policies

They are meant to make the transition of the territory possible and support its inhabitants and stakeholders towards a new model that renews our ways of consuming, producing, working, living together. It entails several dimensions:



Focus on mitigation. ALM's greenhouse gas emissions : what are we talking about?

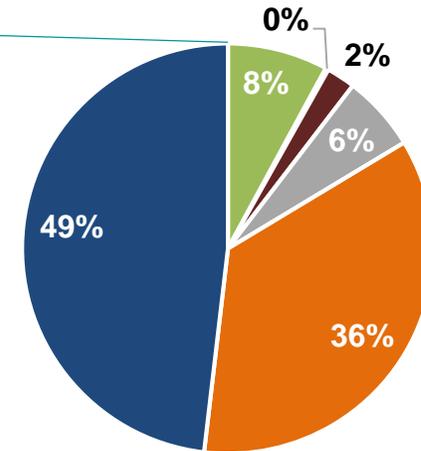
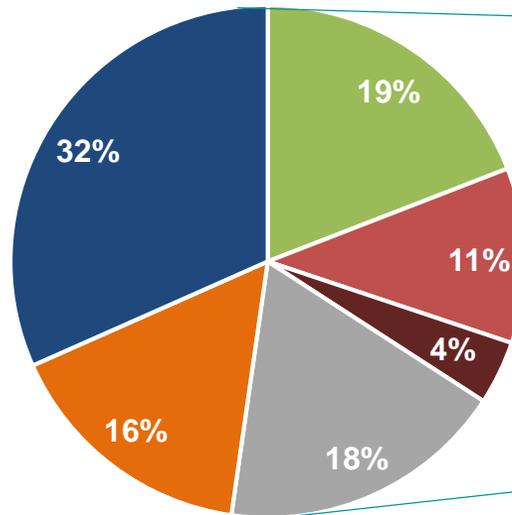
Breakdown of greenhouse gas emissions by sector (2021)

Greenhouse gas emissions (2021)



France: 418 MtCO₂eq
6.4 tCO₂eq/capita

ALM: 1.2 MtCO₂eq
4 tCO₂eq/capita



ALM emissions per capita: 38% lower than the national average

- Agriculture / forestry
- Power generation
- Waste
- Residential / tertiary
- Industry
- Transport

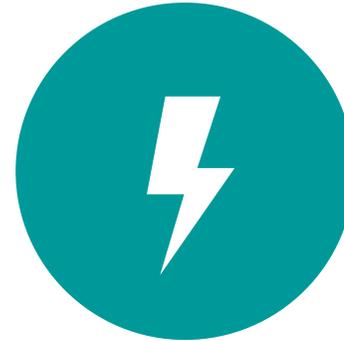
The process of decarbonising the region has begun several decades ago, and has accelerated over the last 10 years...



MOBILITY



BUILDINGS



ENERGY



OTHER LEVERS

... as a result of a reaffirmed ambition and the structuring of sustainability policies

**A SHARED AMBITION TO REDUCE THE REGION'S EMISSIONS BY
- 60% BY 2030, AND ACHIEVE CARBON NEUTRALITY BY 2050**



Transverse planning

Territorial Climate Air Energy Plan
SCOT, PLUi including Mobility Plan
National certifications such as 'Territory committed to Sustainability'



Thematic strategies

Energy Transition Strategy
Buildings Energy Plan
Circular Economy Roadmap
Bicycle Plan
Climate Change Adaptation Plan



Citizens participation

Conference on Environmental Transition
Transport Partners Committee
Active modes partners committee
Local Development Council

And now? We keep on decarbonising mobility

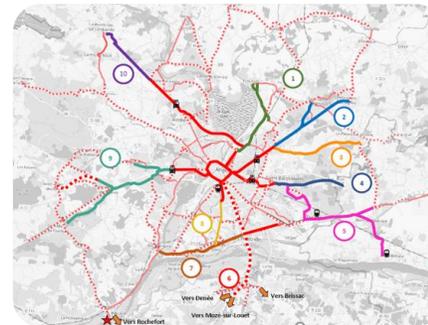


Increased use of public transport following the launch of **2 new tramway lines and an improved bus service**



Decarbonising the bus fleet and the VA/ALM cars fleet (bio-GNV + electric)

Pooling of vehicles with the development of **car-sharing** (Citiz) and **car-pooling** (Klaxit)



Master plan for cycling infrastructure to link up the whole of the area and direct bicycles back to the town center

KEY FIGURES

14 000

subsidies for a total amount of €2.3 million awarded by ALM **for the purchase of bicycles**

216 500

car-pooling journeys in 2023 in the area subsidised by ALM, the State or the Region

- 10 points

modal share of cars in 10 years, down from 62% to 52% at ALM level (38% in Angers)

X 2

modal share of cycling increased from 3% to 6% in 10 years (4 to 8% in Angers)

And now? We keep on decarbonising buildings



Greening school playgrounds (Annie Fratellini, Angers)



Schools energy renovation (St Barthélémy, ALM)



Eco-district initiative (Beaucouzé, ALM)



Positive energy buildings (MQ HSA, Angers)



Raising awareness on energy efficiency among schoolchildren (Watty programme)

KEY FIGURES

- 45%

in **GHG emissions** of Angers' **public buildings** between 2010 and 2023 and -31% in energy consumption

- 15%

in energy consumption and -25% in associated greenhouse gas emissions thanks to the **Smart Territory** for public buildings in Angers

1 550+

energy renovation projects supported by the **Mieux chez moi** program, representing approximately €2.75 million in ALM subsidies

~1 300

homes renovated per year in the public and private housing stock (estimate, in line with PLUi objectives)

And now? We keep on decarbonising energy production



Development of biomass heating plants to supply **urban heating networks** (Monplaisir in 2023, 2nde heating plants to come on the HSA and interconnection with RCU Belle-Beille in 2025, Angers).

Identification of **Renewable Energy Acceleration Zones** (workshops in ALM municipalities)



New photovoltaic solar power plants (La Baumette WWTP in Angers, St Léger de Linières, car park shading in Angers)



Centralised control of street lighting using IT (Place de la Fraternité, Angers)

KEY FIGURES

12,5%

of ALM residents connected to **district heating networks** for low-carbon heating at affordable prices

55 kteqCO2

the equivalent of **5% of ALM's emissions avoided** thanks to heating networks each year

X 2

production and supply of **low-carbon heat** set to double within 10 years

- 71%

in energy consumption linked to **public lighting** thanks to the **Smart Territory**, i.e. cumulative savings of €1.7M in 2024 and €18M by 2033

And now? We keep on activating other mitigation levers



Deployment of solutions for sorting bio-waste at source (individual or collective composters, recycling bins in dense areas)

Les moyens de collecte du tri : emballages en plastique, verre, carton ou métal, papiers et biodéchets

- La collecte des emballages en plastique, en carton, en métal et des papiers se fait :
 - en sac jaunie en centre-ville d'Angers avec un ramassage hebdomadaire. La distribution à domicile des sacs jaunes a lieu une fois par an. En cas d'absence, un avis de passage permet de les retirer au 02 ou 06 sur du Mail à Angers.
 - en bac à couvercle jaune avec un ramassage hebdomadaire ou tous les 15 jours selon votre adresse ([consultez le plan de collecte](#)). Pour obtenir un bac de tri, contactez le 02 41 05 54 00.
 - en conteneurs extérieurs ou adriens de proximité pour certains quartiers de l'agglomération ([carte des conteneurs](#)).
- La collecte des bouteilles, bocaux et pots en verre se fait uniquement en apport volontaire dans les [conteneurs extérieurs ou adriens](#) à votre disposition sur le domaine public et dans les [déchèteries](#).
- La collecte des biodéchets : Angers Loire Métropole met en place des [solutions de collecte et de traitement](#) pour les biodéchets. Celles-ci sont expérimentées autour de la place du Lycée et de la place La Fayette et vont se généraliser en 2024.
- La collecte des textiles se fait uniquement en apport volontaire dans les [conteneurs à votre disposition sur le domaine public](#) et dans les [déchèteries](#).

Supporting and raising awareness on the best ways to reduce and sort waste



New zero-waste, zero-plastic central kitchen for school catering in 20 ALM towns



Signing of the commitment charter by the partners in the Territorial Food Project

KEY FIGURES

475kg/capita

of waste collected in 2022 at ALM level, compared with 618kg/capita at Pays de la Loire level

- 7%

of waste produced by ALM residents between 2018 and 2022

55%

local products, 40% organic products in Papillotes & Compagnie's catering offer

200 k€/year

allocated to supporting farmers in setting up, transferring or transitioning to agro-ecology

ALM helps all local stakeholders work together towards carbon neutrality

SOME EXAMPLES...



Raising awareness

- Communication campaigns (cycling, public transport, etc.)
- Booths at events (Mieux chez moi, cycling, Irigo)
- Maison de l'Environnement range of activities
- Raising awareness among young people after school hours (Watty, food waste, etc.)



Accompanying change

- Personalised support for your home 'Mieux chez moi' (Better at home)
- ET in collective housing experiment
- 'Irigo Pro' company mobility plans
- ALM internal mobility plan



Setting in motion

- Residents' mobility challenge: 'Dare or not to leave your car at home?'
- Zero Waste Challenge
- Tree Charter co-signed
- Experimenting with the SGPE 'Taking action' app
- 'Everyone's matter' transformation project within the local authority



Co-developing solutions

- ALM ET conference and roadmap, citizen evaluation
- Consultation for urban planning projects
- Mobility Partners Committee
- Greening school grounds
- Interlud multi-stakeholder programme (sustainable urban logistics)



Providing financial support

- Bike purchase subsidies
- Irigo solidarity pricing
- Energy transition fund for local authorities
- ALM 'Better at home' renovation grants
- Subsidies for trees planting in gardens
- Support to voluntary associations working on sustainability



ALM is a member of 4 European sustainability programs



Covenant of Mayors
Political commitment



Green cities agreement
Political commitment

Other commitments
(not as a direct member)



"AMBITION" project application
Sustainability in collective housing



2011

2022

2023

2024

2025



EU Cities Mission
Mitigation



EU mission
Adaptation

- Launch of the "AMBITION" project
- Submission of the Climate City Contract

2025 October 15th:
‘Climate neutral and smart cities’ label award ceremony

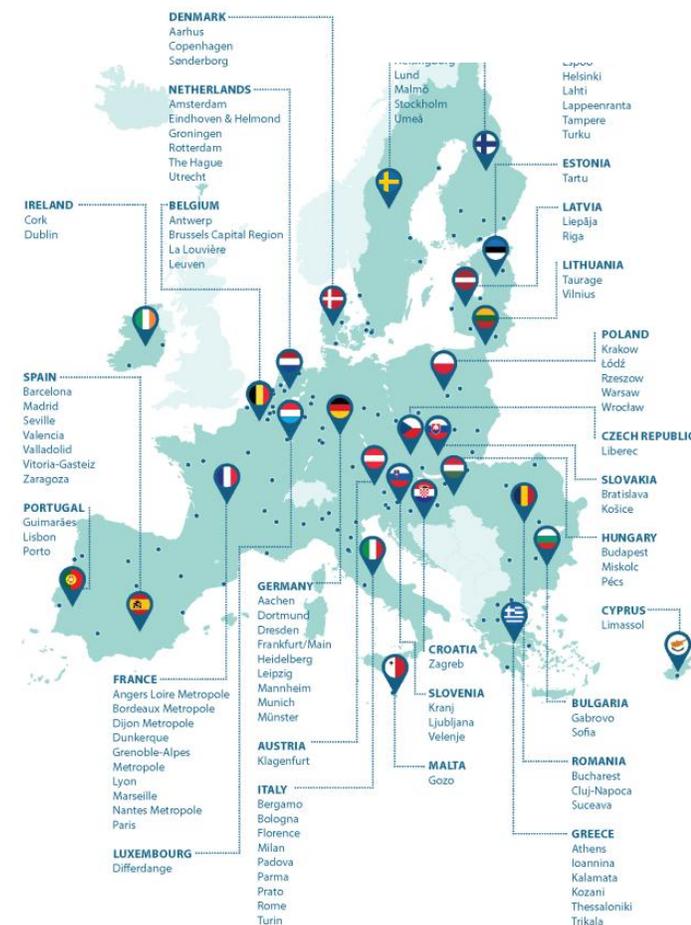
112 European cities committed to accelerate the decarbonisation process, including 9 French cities and 4 cities whose universities are involved in EU GREEN Cooperation

9 French cities / urban areas selected among 112 European cities

- Angers Loire Métropole
- Bordeaux Metropole
- Dijon Métropole
- Dunkerque
- Grenoble-Alpes Métropole
- Lyon
- Marseille
- Nantes Métropole
- Paris

4 cities whose universities are involved in EU GREEN

- Angers Loire Métropole
- Parma
- Gävle
- Wrocław



ALM has been selected as part of the "Mission 100 Climate Neutral Cities" for its ambition and exemplary approach, with a view to going further and faster

