



**ACTION PLAN FOR AMIENS METROPOLE, FRANCE**  
**“PURCHASE OF ELECTRICALLY ASSISTED BICYCLES”**

**Part I – General information**

Project: **E-MOB**  
Partner organisation(s) concerned: AMIENS METROPOLE  
Country: **FRANCE**  
NUTS2 region: **PICARDIE**  
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## Part II – Policy context

### Urban Mobility Plan

Amiens Metropole is committed to contributing to the reduction of carbon dioxide emissions through its various sectorial policies. To this end, it is committed to developing the use of alternatives to the individual car on its territory, including cycling.

To achieve this objective, Amiens Metropole has adopted a new PDU (Urban Mobility Plan), which defines the mobility policy that Amiens Metropole wishes to implement in the years to come.

## Part III – Details of the actions envisaged

### **ACTION : Purchase of electrically assisted bicycles**

#### **1. Relevance to the project**

Amiens Metropole has already been involved in the development of electric mobility for several years. It is this recognized commitment that earned Amiens Metropole its selection for the European E-MOB programme. However, Amiens Metropole does not intend to stop at these achievements and, on the contrary, wishes to continue its energy transition efforts.

This action consists of a project and is part of Amiens Metropole's sustainable mobility strategy, which is being developed around two main axes 1 out of every 2 journeys without a car in 10 years, and better sharing of public space. The proposed action is inspired by the good practice "Electric Motosharing", which is an ambitious project that deals with electric transport for workers in the public sector. This good practice was presented by our partner Cieza (Spain), and which is similar to the action that will be developed by Amiens Metropole.

The difference is that Amiens Metropole wants to develop its fleet of electric bicycles for the general public, because demand is greater than supply, and also for the public sector.

This action is not carried out in connection with another territorial entity because it belongs exclusively to the competences of the agglomeration authority.

#### **2. Nature of the action**

Amiens Metropole has a long-term bicycle rental service called "Buscyclette". Since 2015, Amiens Metropole has expanded its range of bicycles available for hire with Electrically Assisted Bikes (EABs). At present, this fleet amounts to 1600 EAB. Nevertheless, Amiens Metropole wishes to continue its purchases in order to



renew its fleet and possibly expand it in the coming years.

The extension of the long-term rental system for electrically-assisted bicycles will enable many residents to try this virtuous mode of transport. Very often, these inhabitants have the use of a private car for their home-work trips. Depending on the relief, the distance of their journey, or their physical condition, the use of a mechanical bicycle is prohibitively difficult for them.

The electrically-assisted bicycle should make it possible to remove these obstacles to changing mobility practices. However, the high cost of an electrically assisted bicycle may also be a barrier to its development. This is why we believe that the public authorities must help to remove these obstacles to a change in mobility. The establishment and development of a long-term rental system for electrically assisted bicycles seems to us to be the appropriate tool for triggering a change in use. In addition, this rental service is accompanied by a repair service for the rented bicycle, the price of which is included in the rental cost for the user (€298/year).

For officials, this action consists of facilitating the use of electric bicycles for their daily travel during working hours, as travelling from one municipality building to another takes time, not because of the distances between them, but because of traffic and parking difficulties. The official can borrow the electric bike just by swiping his work card in the IT terminal and selecting the bike's number to be used, the same IT system as the one in Cieza.

This action is accompanied by an aid for the purchase of electrically assisted bicycles offered in several municipalities in the agglomeration. Thus, long-term rental is seen as the stepping stone to the act of purchasing. To encourage the use of electrically-assisted bicycles, Amiens Metropole has invested heavily in the provision of comfortable and safe cycling facilities, as well as in secure parking solutions for bicycles. The purchase of electrically assisted bicycles is therefore a tool in a global policy aimed at creating a complete ecosystem in favour of the bicycle and in particular the electrically assisted bicycle.

### 3. Stakeholders involved

- Amiens Metropole
- Keolis Amiens (transport operator who manages the fleet of electric bikes)
- Arcade (supplier of electric bikes)

### 4. Timeframe (From now until 2026)

This action has already been validated in the framework of the constitution of the multiannual investment budget in May 2022. The extension of the fleet of electrically assisted bicycles is planned to be progressive and regular:

2022: purchase of 140 electrically assisted bicycles + 50 battery reconditioning + purchase of 250 new batteries

2023: purchase of 140 electrically assisted bicycles + limitation to 2 years of use to ensure the turnover of the bicycles



2024: purchase of 140 electrically assisted bicycles

2025: purchase of 140 electrically assisted bicycles

2026: purchase of 140 electrically assisted bicycles

## **5. Funding sources**

This action will have a total cost of 750000€, covered entirely by Amiens Metropole

The estimated cost of purchasing electrically-assisted bicycles is €140,000 excluding VAT/year (for 140 bicycles).

The estimated cost of purchasing new batteries + reconditioning existing out-of-date batteries is €60,000/year.

The cost of commercial and administrative management is estimated at 1 FTE: €52,000 excluding VAT/year (including charges)

The cost of implementing the maintenance/repair service is estimated at 4 FTEs: €208,000 excluding VAT/year.