



New forms of mobility in Île-de-France

- POLIS-ERTRAC Working Group meeting

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01 _ Electric bikes



Véligo Location, an electric bike rental service

- Île-de-France Mobilités has been implementing its cycling policy for several years now with funding for high-quality bike parking in bus and train stations in the public transport network
- Following changes in French regulations, Île-de-France Mobilités now has a new brief to provide a bike rental service
- An in-depth study showed that a region-wide, long-duration bike rental service best meets the needs of the region's inhabitants and will get them back in the saddle
- Given the length of commutes in the region, Île-de-France Mobilités opted to launch a long-duration electric bike rental service with the following aims:
 - To give users a chance to try out electric bikes with a view to changing their mode of transport

What is Véligo Location?

- 10,000 electric bikes have been available for rent all over the Île-de-France region since 11 September 2019
- Users sign up for at least 6 months with a 3-month extension available
- Price: €40 a month / €1.30 a day with up to 50 % paid by employers and including repairs and maintenance
- Users sign up online only (www.veligo-location.fr) They can pick up bikes either from one of 250 rental points or bikes can be delivered to the address of their choice
- Accessories to rent and insurance options available along with the subscription

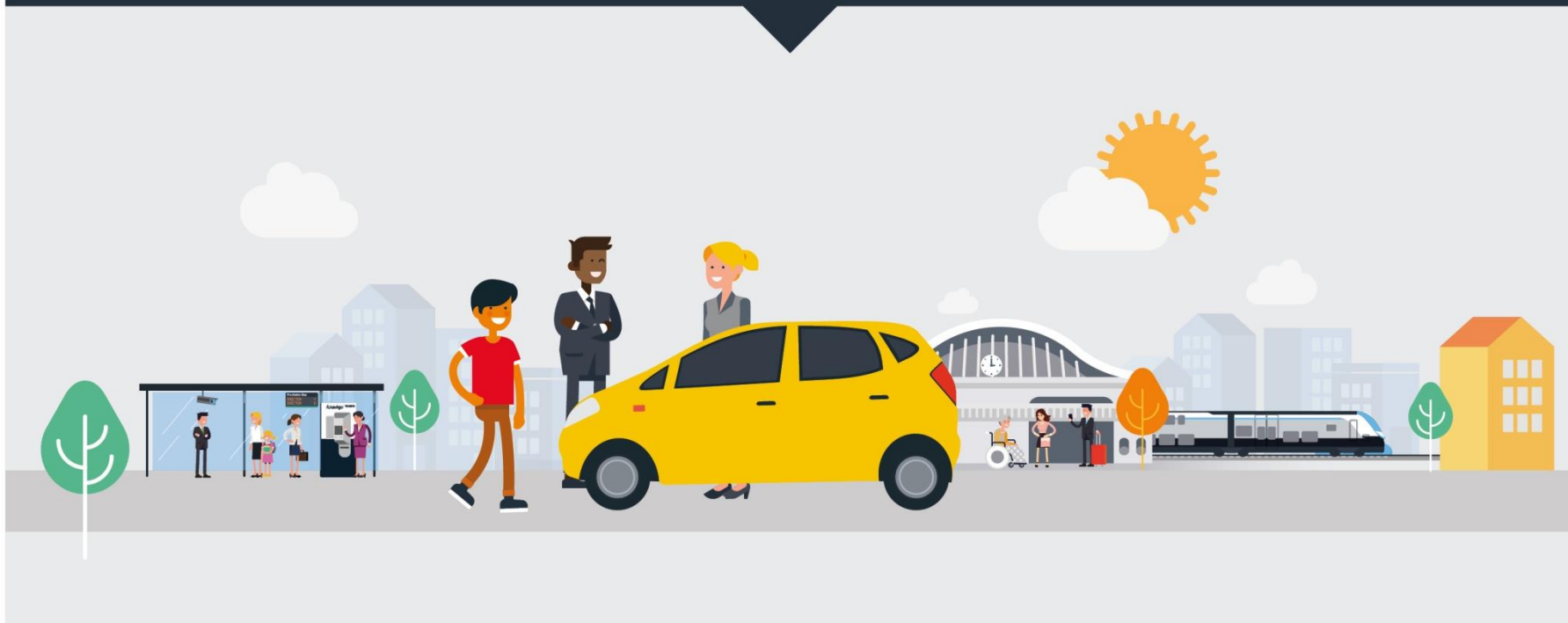


02 - Car-pooling





ALL TOGETHER FOR CAR-POOLING



Experimental project launched by Ile-de-France Mobilités in October 2017

- Aims
 - To develop car-pooling
 - To test out the impact of a financial incentive on car-pooling
 - To collect data about car-pooling and get to know car-poolers better
 - To work on the process of combating cases of fraud
 - To support the development of car-pool companies
- 2 main target audiences
 - Drivers without passengers. By sharing their cars they will help reduce traffic jams, pollution and the costs of running their cars
 - The region's inhabitants in low-density zones or people having to commute in areas with little public transport.

The new scheme May – December 2019

Le passe Navigo s'enrichit d'un nouveau service !

- **Trajet offert pour les passagers** détenteurs d'un forfait Navigo annuel*
- Une prime jusqu'à **3 euros / trajet**** pour les conducteurs
- Des revenus complémentaires pour les conducteurs jusqu'à **150 euros / mois**
- Trouvez vos itinéraires sur sur **Vianavigo**

* dans la limite de deux trajets de 30 km par jour

** indemnité kilométrique de 10 c€/km plafonnée à 3€/trajet

La voiture devient complémentaire des transports en commun.

Le covoiturage c'est économique, et plus écologique !



Application conditions

- Trips beginning or ending outside Paris but in Île-de-France
- Limited to 2 free trips a day
- For trips between 2 and 30 km

Calculation of bonus for drivers

- Allowance of 10 cents per km and per passenger with a limit of €1.50 for trips of under 15 km and a maximum of €3 per passenger for trips of over 30 km

The new scheme May – December 2019

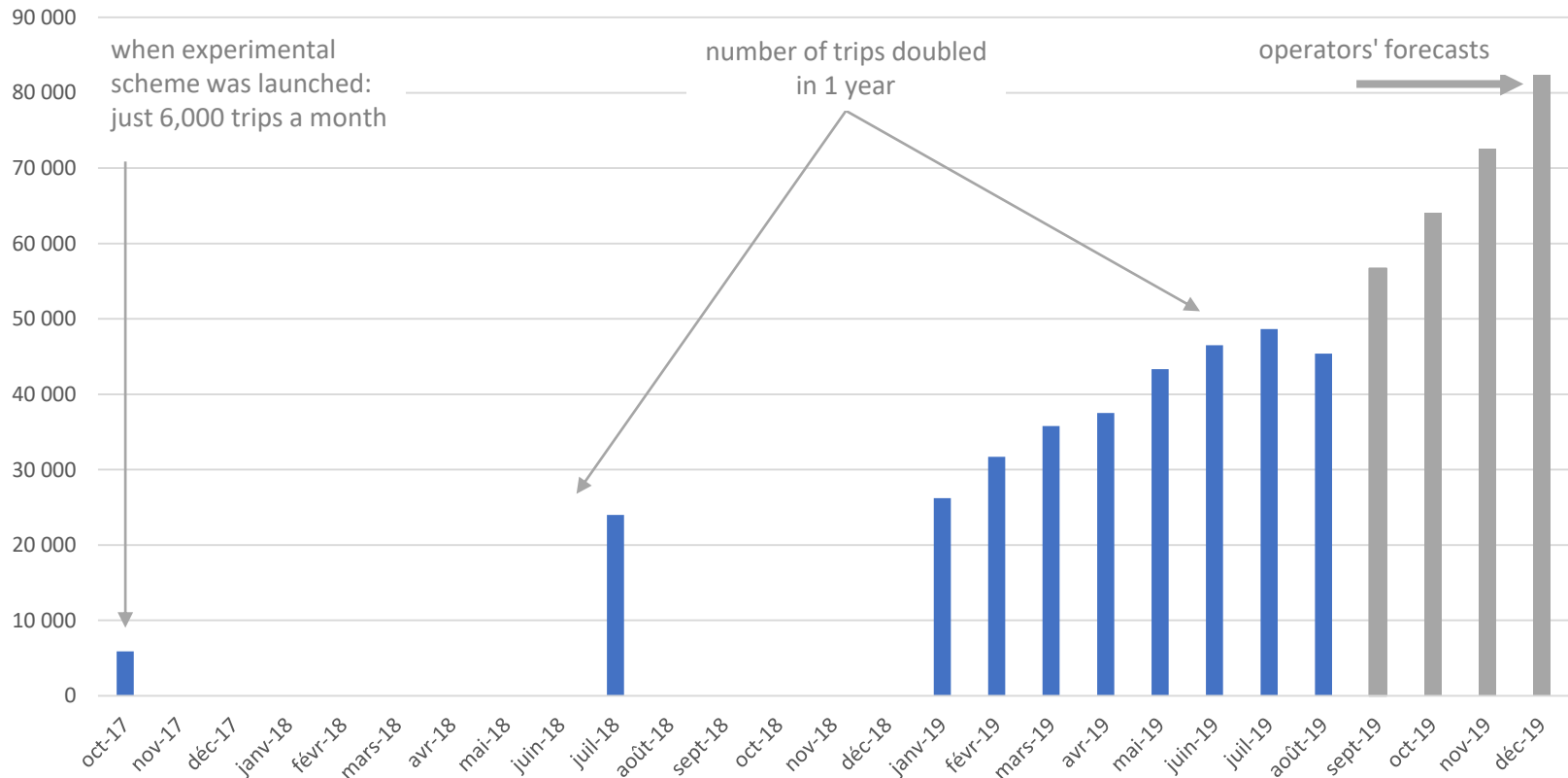
- Contracts signed with five operators



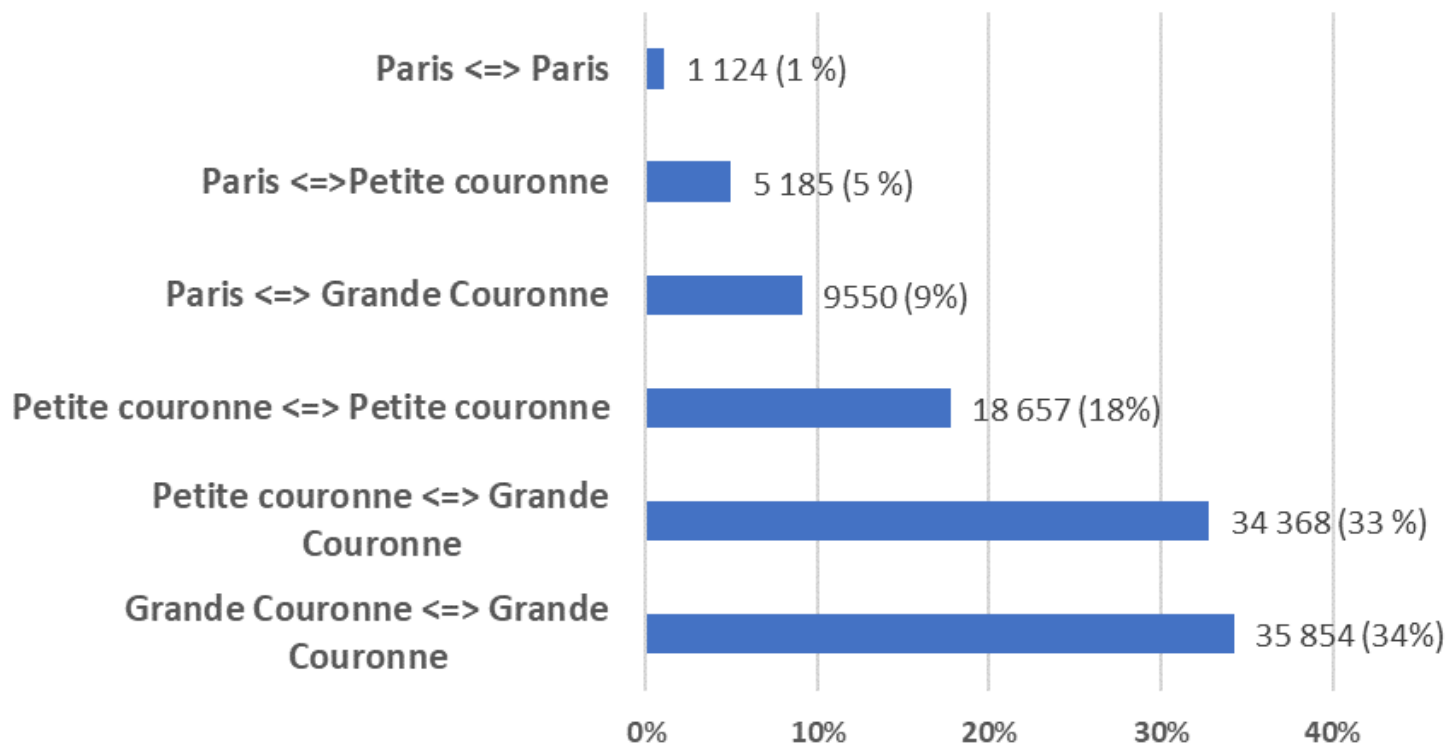
- Mobicoop and Roulez Malin should also be joining the scheme.
- The operators' commitments
 - To communicate trips to the Vianavigo website
 - To inform Île-de-France Mobilités about trips that are eligible for the bonus
 - To combat fraud
- After running checks for fraud, Île-de-France Mobilités pays a subsidy to operators. They must then pass it on to the driver, making the trip free of charge for passengers with an annual Navigo or Imagin'R pass.
 - For car-poolers payment is immediate because the operator pays for the cost of the trip in advance.
- The scheme also includes the "Major disruptions to public transport" and "Pollution peaks" operations, resulting in a subsidy of €4 per trip

Tenfold increase in trips estimated between October 2017 and October 2019

Growth in number of car-pooling trips subsidised by IDFM, per month



Trips mainly take place to and from the outer Île-de-France region



03 - Car-sharing



Definition of car-sharing

- Car-sharing provides a car-rental service after signing up for a contract (or equivalent). The service is adapted to regular or occasional trips of short or medium duration.

Benefits for the community:

The development of car-sharing leads to:

- A fall in the number of cars bought, and fewer cars on the road,
- Greater use of cars with a lower environmental impact: recent cars, electric cars,

According to studies carried out by ADEME:

- A shared car making a round trip can replace up to 10 private cars and free up 9 parking places.
- Car-sharing membership generates a 20% fall in car use among members, to the benefit mainly of cycling and public transport.

2 forms of organisation



Shared car for round trips with a reserved parking place

(examples: Ubeeqo, Communauto, Clem')



Free-floating shared car in public areas

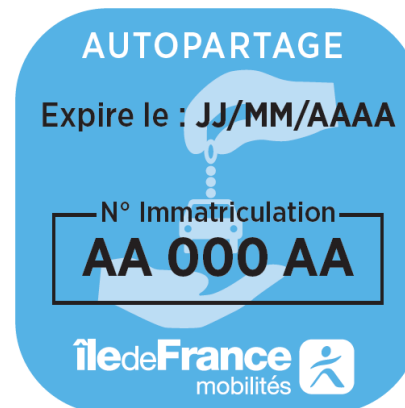
(examples: Car2go, Moov'in.paris by Renault, Free2Move Paris)

The Île-de-France Mobilités strategy for developing car-sharing

- **In the short term: creation of a car-sharing label**, with government encouragement, and aiming to:
 - Draw up common guidelines and rules to be respected by operators
 - Give a more solid status for shared cars and reserved parking spaces.
-> possibility to fine drivers of cars parked in places reserved for shared vehicles
 - Guarantee users access to high-quality services.
 - Help local authorities keep track of usage.
- In a second phase (2020) the aim will be to plan and implement **additional support initiatives, helping to boost car-sharing** in Île-de-France.

Overview of the label

- Approved by the Île-de-France Mobilités Board in April 2019, after discussions with the operators and local authorities in the region.
- Operational from November 2019.
- The label is applied to the cars but also to the services on offer (car maintenance, access to the service, access to cars)
- For all kinds of car sharing: with or without reserved parking facilities, for round trips, one-way trips or free-floating services
- The label can be given to cars and motorised two-wheelers that are exclusively used for car sharing and respecting the criteria outlined by IDFM.
- The vehicles will be given the IDFM disc authorising parking in reserved places



Car-sharing

Expiry date:

DD/MM/YYYY

Licence plate n^o

(*) Article L.1241-1 of the transport code and decrees n^o2012-280 and n^o2012-1196, February and October 2012

Labelled vehicles

	Free-floating car-sharing	Car-sharing with reserved parking	
		Greater Paris area	Outer area
Moped	Electric / hydrogen	-	-
Motor bikes/scooters	Electric / hydrogen	Electric / hydrogen	Electric / hydrogen
All-terrain vehicles	Electric / hydrogen	Electric / hydrogen	Electric / hydrogen
Cars, Vans	Electric / hydrogen	Electric/hydrogen/petrol with Crit'Air 1 + ADEME AB	Electric/hydrogen/petrol with Crit'Air 1 + ADEME ABC
Small utility vehicles	-	Electric/hydrogen/petrol with Crit'Air 1 + ADEME AB	Electric/hydrogen/petrol with Crit'Air 1 + ADEME ABC

04 - Self-driving shuttles



Developing experimental schemes with self-driving shuttles

➔ 2 experimental schemes between 2017 and 2019 with self-driving shuttles, managed and funded by Ile-de-France Mobilités in partnership with operators:

- on the Esplanade in La Défense, Paris (Keolis)
- at Château de Vincennes (RATP)

➔ Experimental scheme planned for spring 2020, managed and funded by Ile-de-France Mobilités in **Saint-Quentin-en-Yvelines** in partnership with the town (call for bids in progress)

➔ Follow-up on experimental schemes managed and funded by third parties (EVRA project by ADEME/Consortium SAM)

