



Public authorities' stategy on electric mobility in France

Galileo4Mobility

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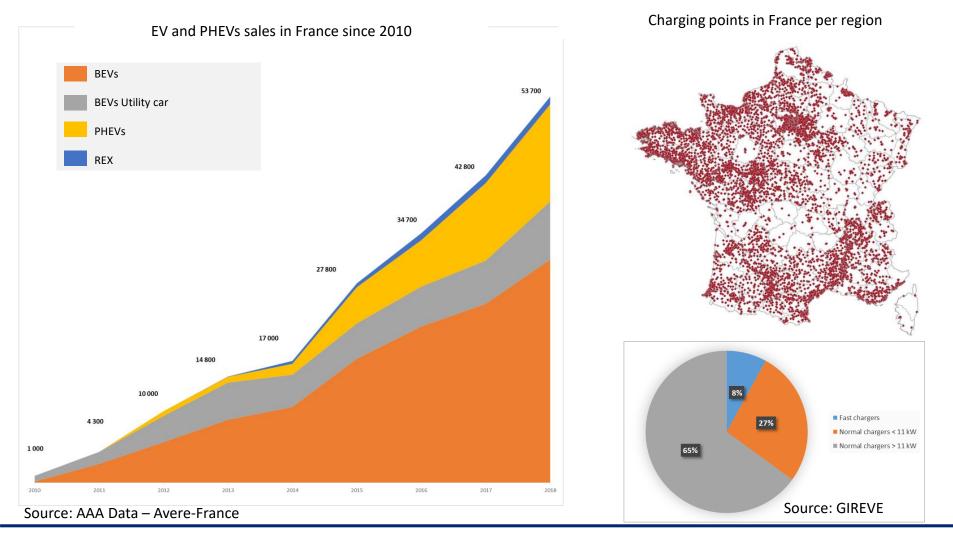
Solstyce is a consulting and engineering company specialized in electric mobility and solar energy







Around 200 000 electric vehicles in France and around 25 000 public charging points





Public incentives in France





- 6 000 € incentive on the purchase of a new BEV and 900 € for scooters
- Extra incentive from 2 500 to 5 000 € for EVs if scrapping an old vehicle
- Exemption of taxes on company cars for EVs
- Exemption of registration tax for EVs and PHEVs
- Development of low emission cars among public fleets



- Around 50 millions of euros invested to finance the installation of public charging points
- Tax rebate of 30% on the purchase of a private charging solution for individuals
- ADVENIR program to finance the installation of charging point on private areas (condos, offices, fleet parkings) and public areas
- Mandatory electric equipment on all kind of new buildings to facilitate the installation of a charging station



Legal framework encourages public authorities to enforce advantages for EVs such as free parking, free access to low emission zones





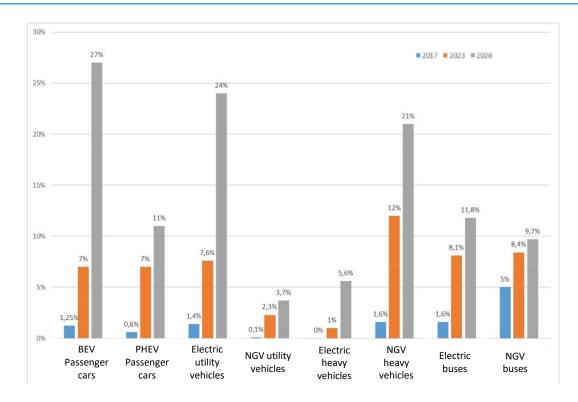
France aims at reaching 1.2 million of electric vehicles by 2023

France's goals for 2023

- 1.2 million BEV and PHEV passenger cars
- 170 000 electric utility vehicles
- 100 000 public charging points

France's strategy

- Remove barriers to electrifying private fleets and installing charging points on work places
- Communicate more about e-mobility through a dedicated online plateform
- Incentivize EVs at least till 2022
- Financing the development of a battery industry in Europe through a 700 million investment over 5 years

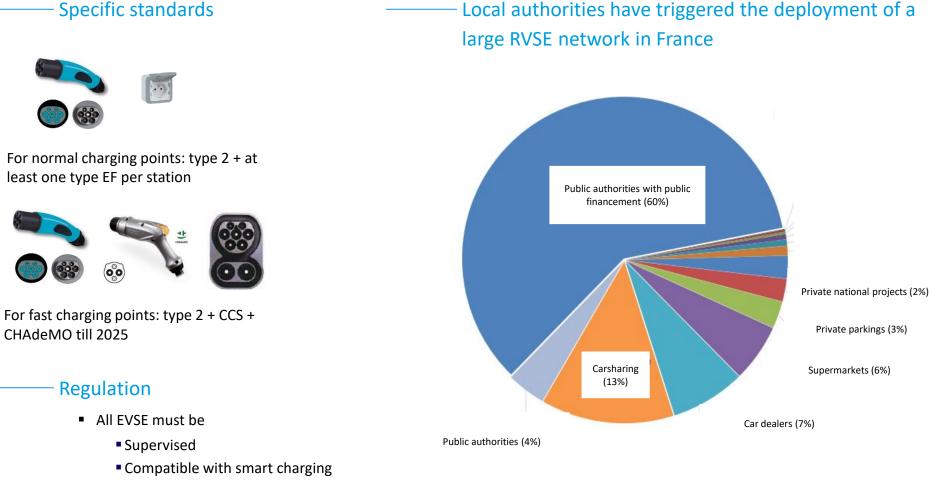


Evolution of LEV market share according to France's strategy on energy for 2023-2028 (PPE)



The French way of developping public EVSE

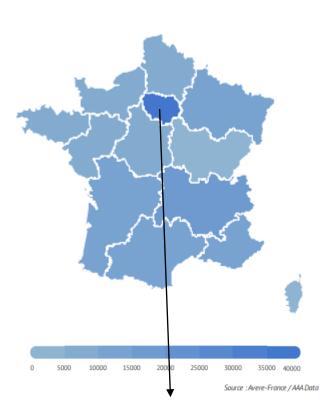




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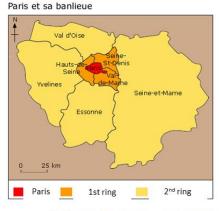
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Focus on Paris Region

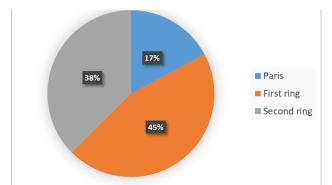


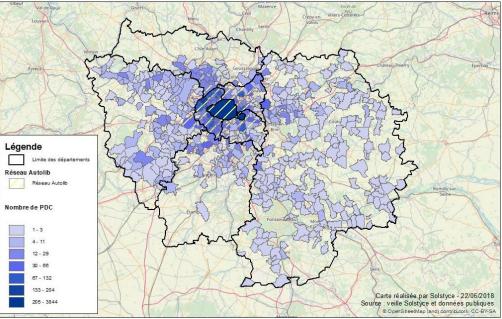
Key figures about Paris Region

- More than 40 000 electric vehicles
- More than 8 000 public charging points
- Around 1 public charging point for 5 EVs
- EVs account for 0.6% of total vehicles



EV car registrations per area in Paris Region







4 types of actions carried out by local authorities in Paris Region

Financing

- Several local incentives at multiple scales for taxis and small companies on purchasing Evs
- Free access to Paris charging service Belib' for taxis
- Financing the electric equipment and shared infrastructure for condos



Developping e-mobility services

- EVSE at local scales
- Carsharing in a limited amount of areas



Discouraging the use of conventional cars

- Low emission zones in Paris since 2017 which ban vehicles older thaz Euro 2
- Extension to the whole metropole which will ban diesel cars by 2024



— Encouraging private carsharing services





Main challenges for Paris Region





More than 5000 charging points out of service after the end of Autolib'



Enabling the installation of charging points in condos



Developping a demand-driven charging infrastructure



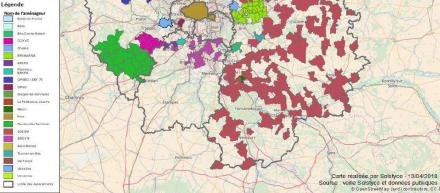
Finding a sustainable business model for operating charging stations



Combining the development of alternative fuels to the reduction of the use of personal cars through carsharing solutions



Conceptsing Data-seem



Coordinating EVSE services at a regional scale

Installing fast chargers nearby highways and citycenters for taxis





Thank you for your attention!

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