Electric mobility and territories
CLIMATE PLAN AND TARGETS

- Climate plan = 9 topics / 126 actions
- Long-term strategy = targets

Target: Greenhouse gas emissions evolution

-34%

-56%
CLIMATE PLAN AND TARGETS

- Targets for mobility:
  - Keeping the increase of the mobility needs under 4% when population increases by 30%
  - Lowering the use of personal vehicle
  - Getting vehicles more efficient
  - Replacing petroleum vehicles with electric, hydrogen, natural gas vehicles
  - Developing rail freight

Evolution of modal share (person.km) for commuting

- Bicycle
- Walking
- Rail-based public transports
- Bus
- Motorized two-wheelers
- Car-pooling
- Car-sharing
- Individual car

Target: Energy supply for personal car for 2050

- Energy supply
- VNG
- Hybrid
- Electricity (including hydrogen)
THE EV CHARGING STATION NETWORK

- 49 charging stations

Goal:
- Comforting the individuals in their desire to use an electric car
- Deploy a coherent and readable network

Each station:
- 2 charging points + 2 household outlets
- 22 kVA: « quick charge »
- Payment with a badge or a credit card via a web application
FIRST RESULTS

47 bornes - 94 points de charge - G2 Mobility DIVA 22 kW

2 800 charges
170 000 km parcourus

12 kWh délivrés en moyenne par charge
3h durée de charge en moyenne

900 utilisateurs uniques

96% Taux de disponibilité du réseau

4,1 sessions / cp / month

14 ton of avoided CO2 emissions during the first year

2020

COMMUNAUTE PARIS-SACLAY