



Electro Mobility Direction

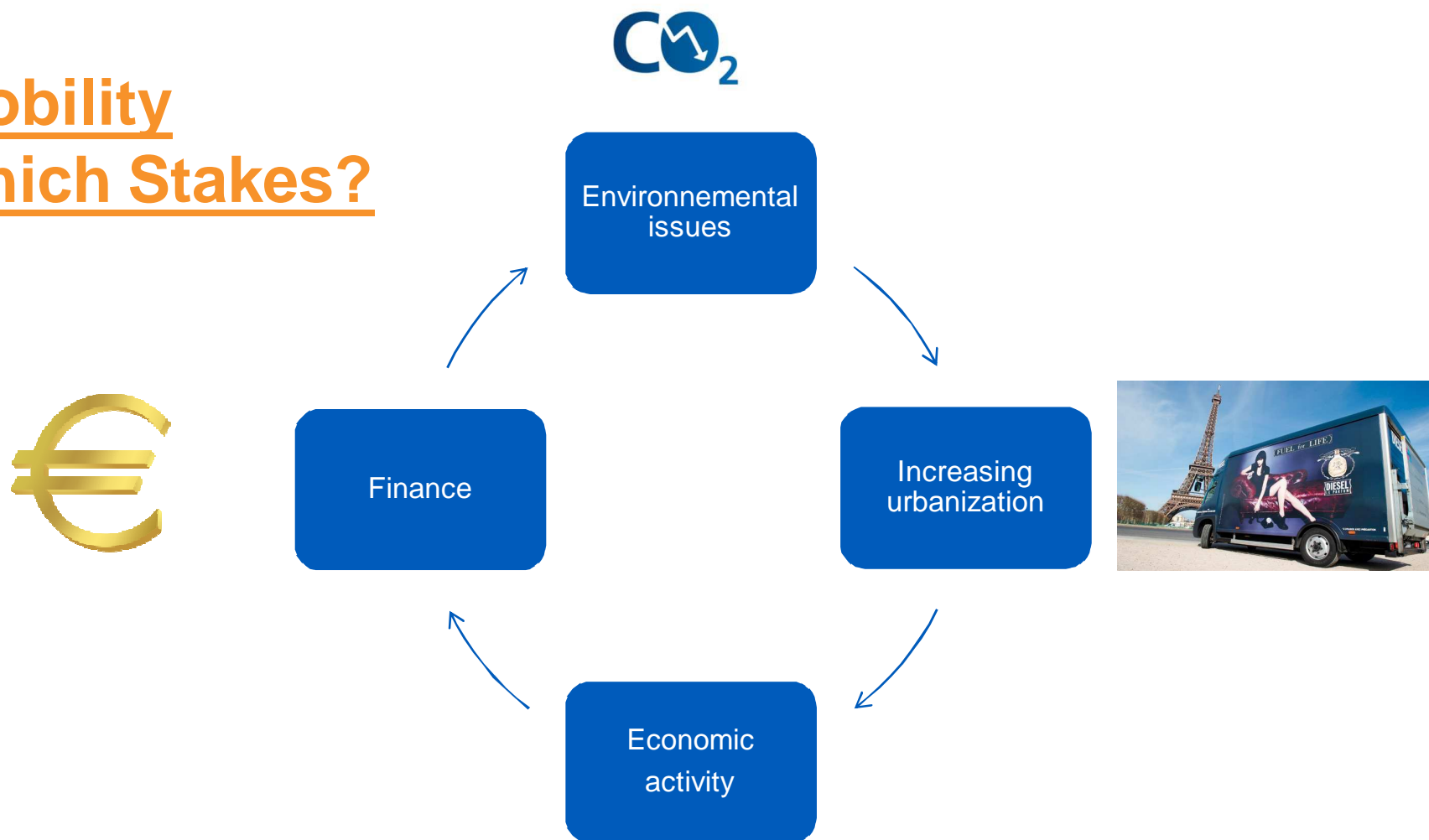
**Electro-mobility:
Solutions for smarter cities
by EDF**

World Forum Lille

25 octobre 2013



Mobility which Stakes?



How to switch from cheapest to full and complete mobility services?

2012 governmental increasing incentives

- ◆ An increase in **rebates for purchasing all-electric vehicles**, from 5000 to 7000 euros
- ◆ **A doubling of the rebate for purchasing hybrids**, revised to 4000 euros. All rebates are **limited to no more than 10% of the total vehicle purchase price.**
- ◆ **Managing the bonuses distributed for combustion vehicles** (gasoline or diesel) that produce the least CO₂.
- ◆ French government commitment to **ordering 25% of its future auto fleet from electric or hybrid vehicles.**
- ◆ **Recharging terminals: 50 million euros** (major financing loan) to facilitate implantation of public charge spots

Travel around town ...electrically


75
g.eq.CO₂/kWh



Mass transit

From home to where you want
and back



**Driving Green with
renewable energy**



No noise



Goods

People & goods

Low carbon & zero emission electric intermodality

An electric solution for each



Tram, métro



Bus



Shuttle Boat



Taxis



Inner-city trucks



Small utility vehicles



Car sharing

Charging services



New services by **sodetrel** EDF GROUP REP

Battery rental

On Board Energy



Bus
Inner-city trucks
Shuttle boats

Infrastructures

Charging EV



Charging spots Installation
Remote supervision
Smartphone Apps

Car sharing

One EV shared
by all

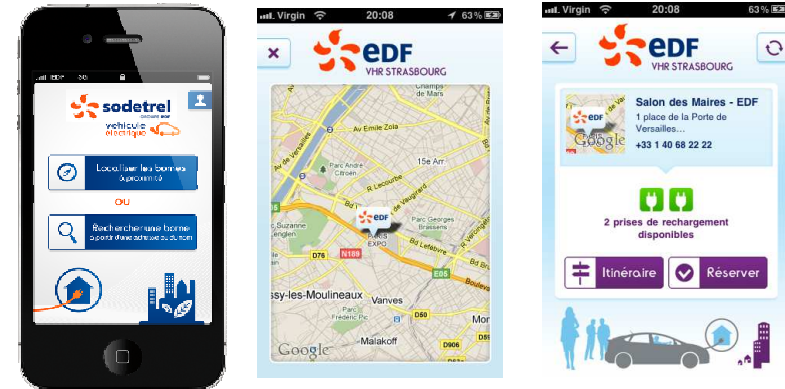


Company fleets
Public car sharing
EV car leasing

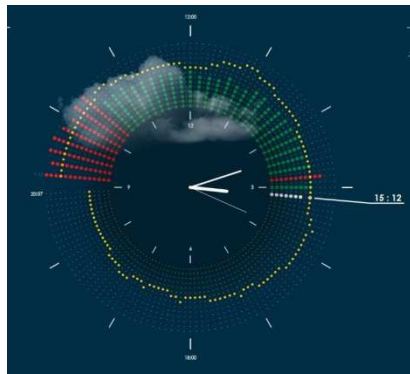
Developping Smart Mobility



Interoperability : single payment system



Charging stations localization and reservation



Energy consumption awareness



Transport information web sites

Next innovations: worry-free driving

Charging Easy



Safer, simpler,
smarter, wider

Drive further &
for longer



Battery
autonomy, price,
safety,
management
system
New vehicles

Europe wide
electric travel

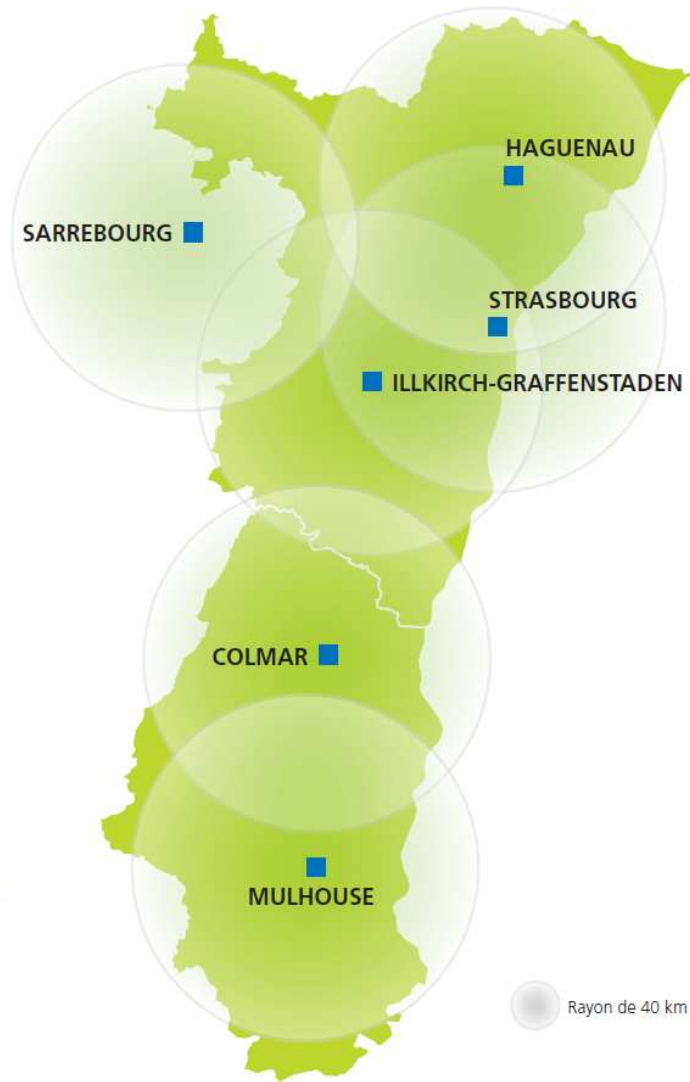


Interoperability
Roaming
Electric Corridors

Demonstrations and premiere achievements



Fast charging corridor in Alsace



Electric Alsace corridor : partnership between Nissan, DBT CEV, Alsace region, SODETREL (EDF subsidiary) et commercial centers Cora.

six fast charging stations on Cora super market provide a forty km range charging availability

*Less than 30 mns for 80% of battery capacity
and
it's free!*



Thank you for your attention !

