

Région



Provence-Alpes-Côte d'Azur

# Provence-Alpes-Côte d'Azur 2050

## « A Carbon free Region »

+

*Regional Energy Observatory*

# Provence-Alpes-Côte d'Azur



Région  
Provence-Alpes-Côte d'Azur



Population: 5 000 000

4 main cities : Marseille, Nice, Toulon, Avignon

80% of population concentrated on the seaside

Energy Consumption : 13 Mtep (151TWh)

.Mostly Petroleum products + Electricity + Coal

.1/3 Industries - 1/3 Transports - 1/3 Buildings

Energy Production : 1,3 Mtep (15,1TWh)

.Hydroelectricity : 60%

.Biomass : 25 %

.Photovoltaic : 8%

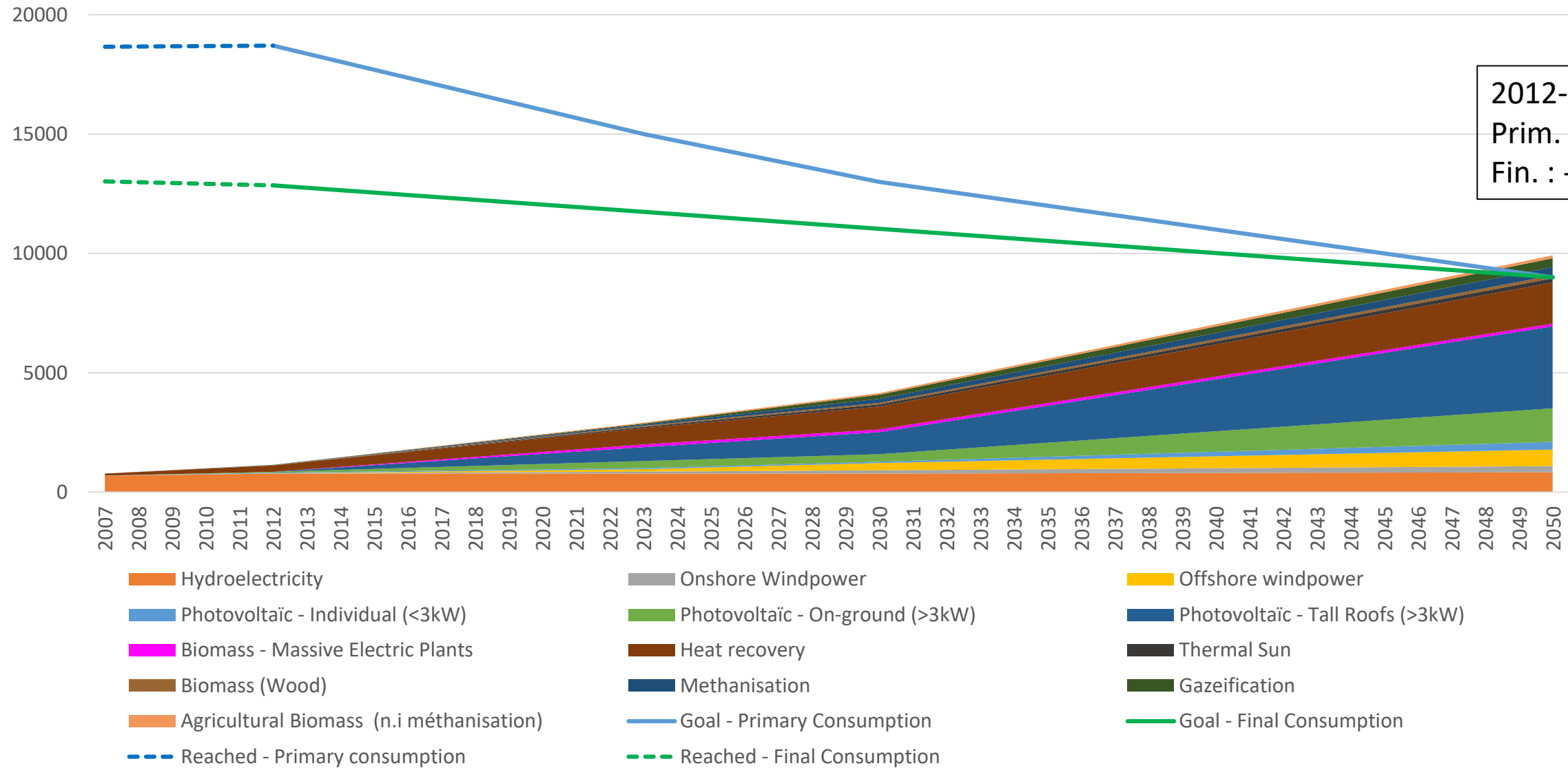
.Others: 7%

Energy Autonomy : 10%

Energy Annual Balance : - 14 Billions €



# Energy Policy



# Regional Energy Observatory - Organisation

In Provence-Alpes-Côte d'Azur:

- there is no energy agency
- policies are leaded by the local government (Région)

Datas, studies and helps are provided by the Regional Energy Observatory (ORECA):

-Birth : 2001

-**Management**: Shared between National Gov., Regional Gov. and regional Air quality agency

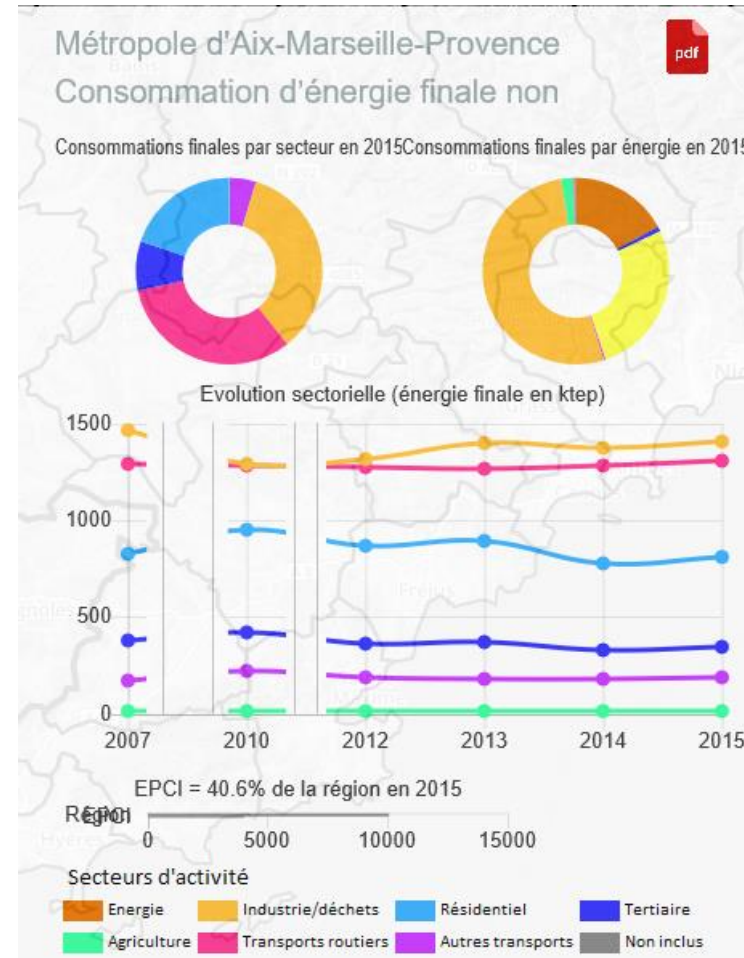
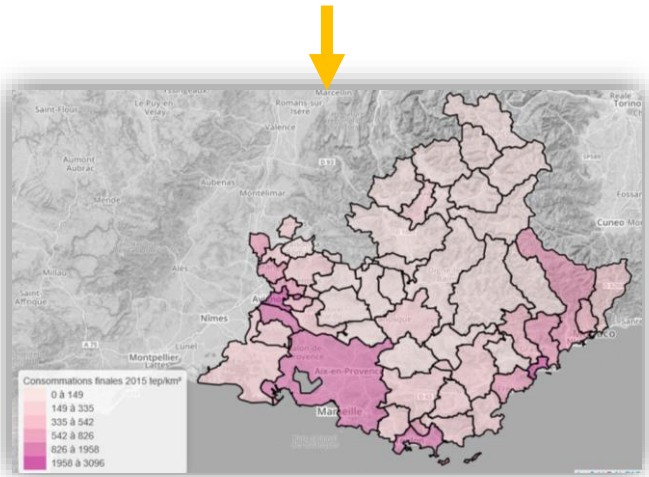
-Members (Data Providers) :



# Regional Energy Observatory – Main Tool

## CIGALE Data Base

1- Select your territory on the map (from Region to City)



2- Get your personalized data Board (Energy, GhG, Air Quality, Industry, Transports, Electricity,...)

3- Download datas and play with them (Excel, PDF,...)

# Regional Energy Observatory – Future Tool

## « Energy Land Use » Data Base

### Goal :

Identify the potential from Region to address for every energy

### How ? :

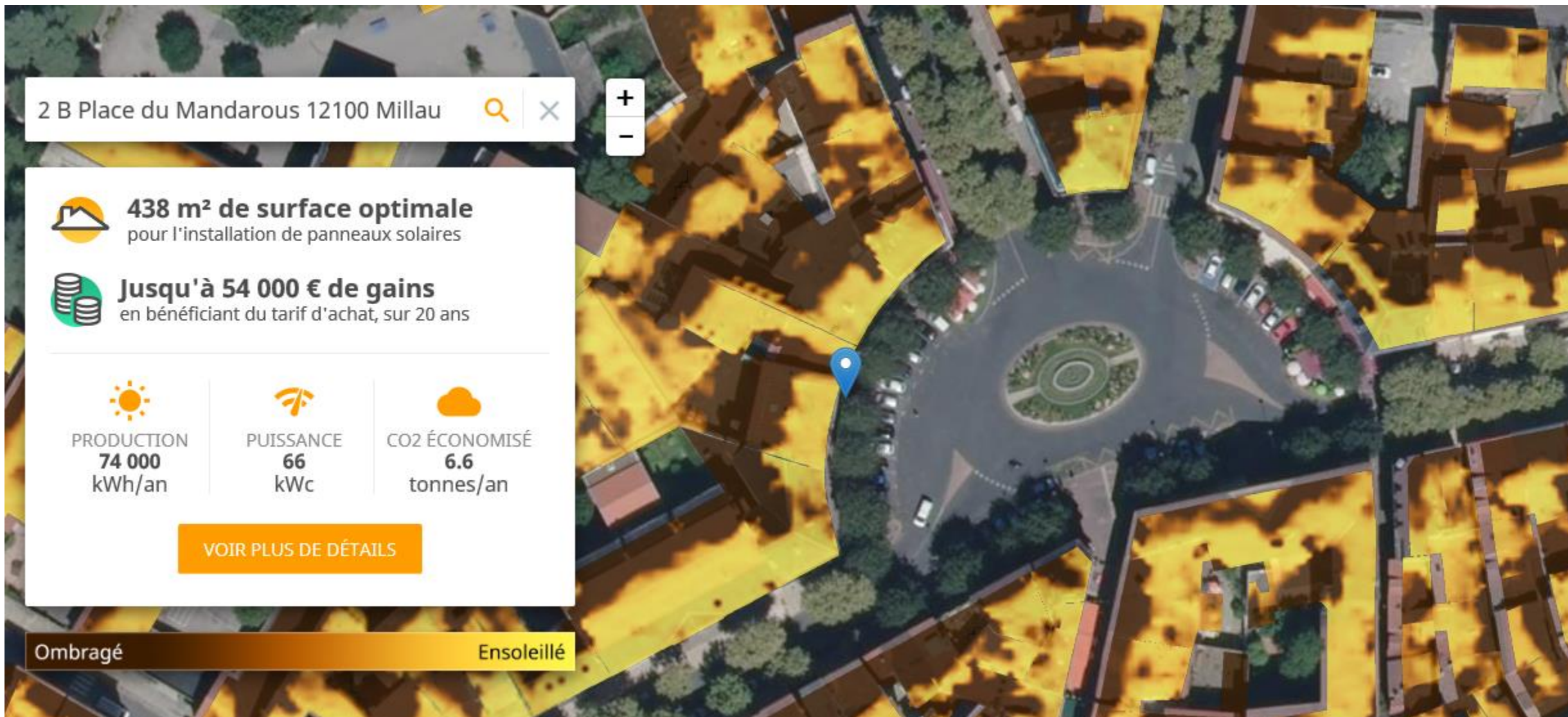
Include in a dynamic map every useful knowledge :

- energy grids,
- Buildings,
- Risks
- Land usage,
- Local potential (Sun, Wind, Geothermal,...)

**For who ?** : Projects leaders, local governments for their policies, enterprises, inhabitants,...



# Regional Energy Observatory – Future Tool



# What about EUSALP Energy Observatory?

- To lead a cooperation and coordination of local Observatories specially about methods (easily compare different regions / country around the Alps,...)
- To create a common vision of energy on territories with the same constraints
- To give the opportunity for borderers territories to create partnerships and projects about energy (smart grids,...)
- To be a space of share: knowledges, experiments, studies,...



**Valentin LYANT**

Région Provence-Alpes-Côte d'Azur

DGA Territory Development

Direction of Territory Development and Energy Transition

[vlyant@regionpaca.fr](mailto:vlyant@regionpaca.fr)