

# 18<sup>th</sup> EUROPEAN WEEK of REGIONS and CITIES

05>09 OCTOBER 2020 12>16 OCTOBER 2020 19>22 OCTOBER 2020

## Strasbourg + energy communities

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Office of the European Ombudsman  
Tribunal of the Council of Europe  
European Court of Human Rights  
EU diplomatic representations



European Committee  
of the Regions

Strasbourg.eu  
eurométropole

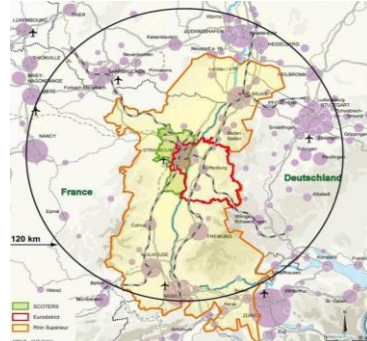


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## Strasbourg

- > **Eurometropolis de Strasbourg**
  - 306 km<sup>2</sup>
  - 500 000 inhabitants
  - 33 municipalities
- > **City of Strasbourg**
  - 280 000 inhabitants
- > **A common administration**
  - 7000 agents
  - 200 sites
  - 250 types of jobs

Seat of the European Parliament  
Seat of the Council of Europe  
European Court of Human rights  
82 diplomatic representations

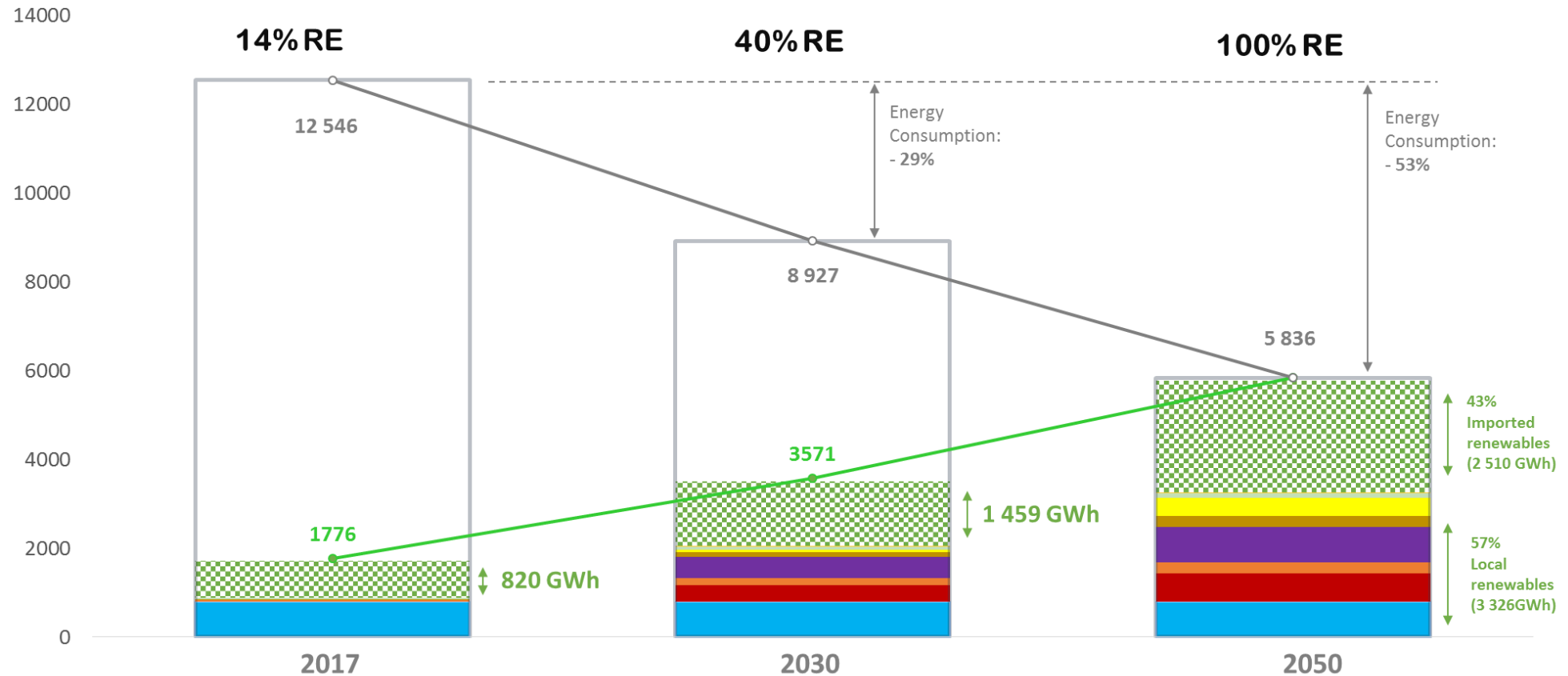


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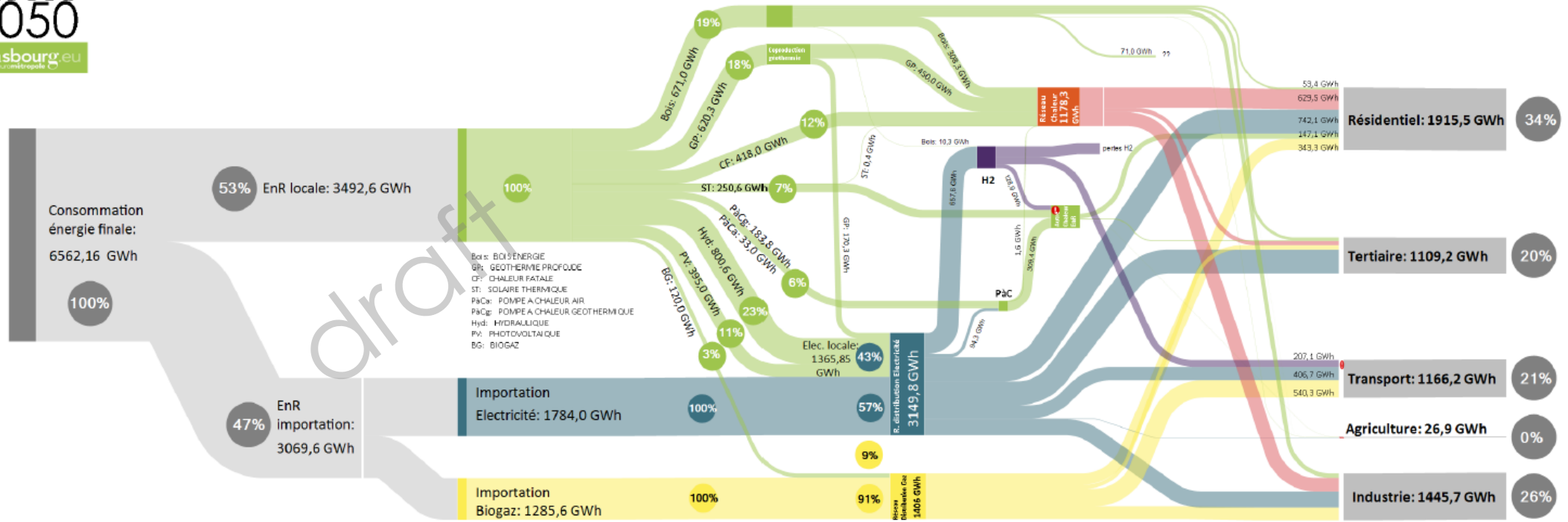
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# 2050 Roadmap

Strasbourg's vision

100%  
**EnR**  
2050

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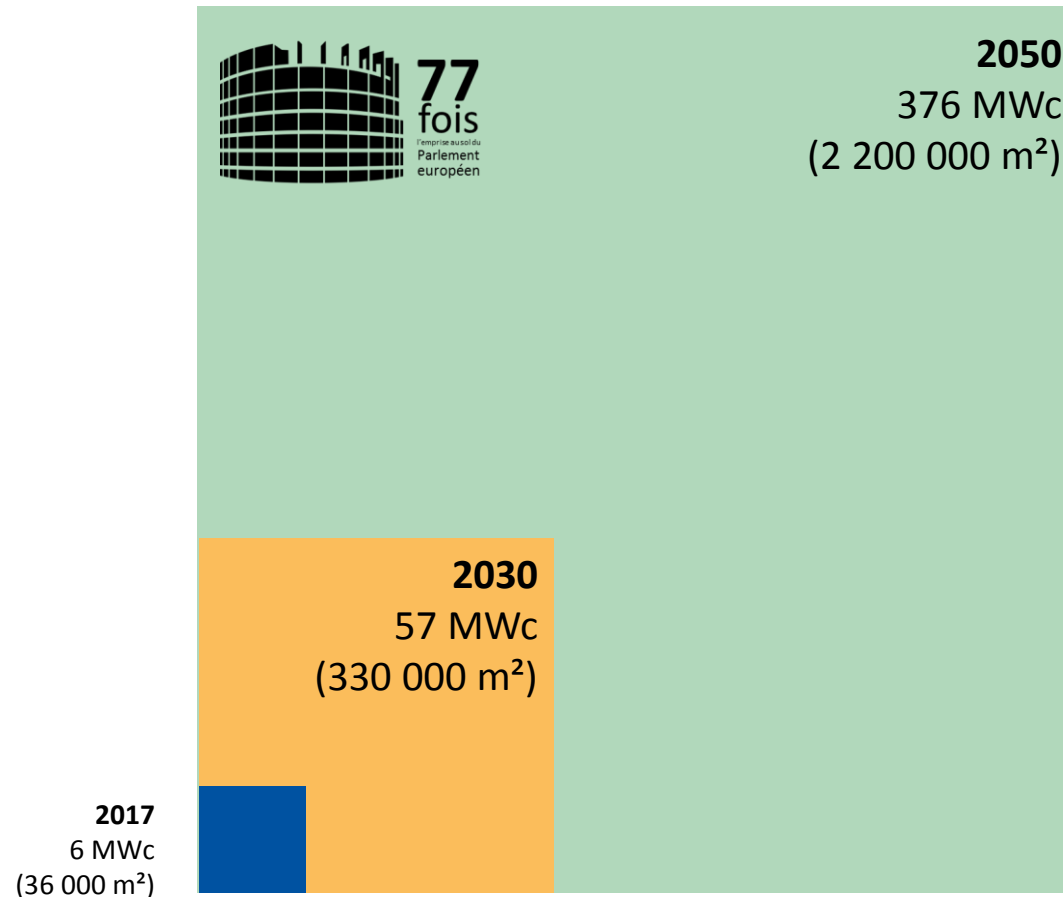
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# 2050 Roadmap

Solar PV

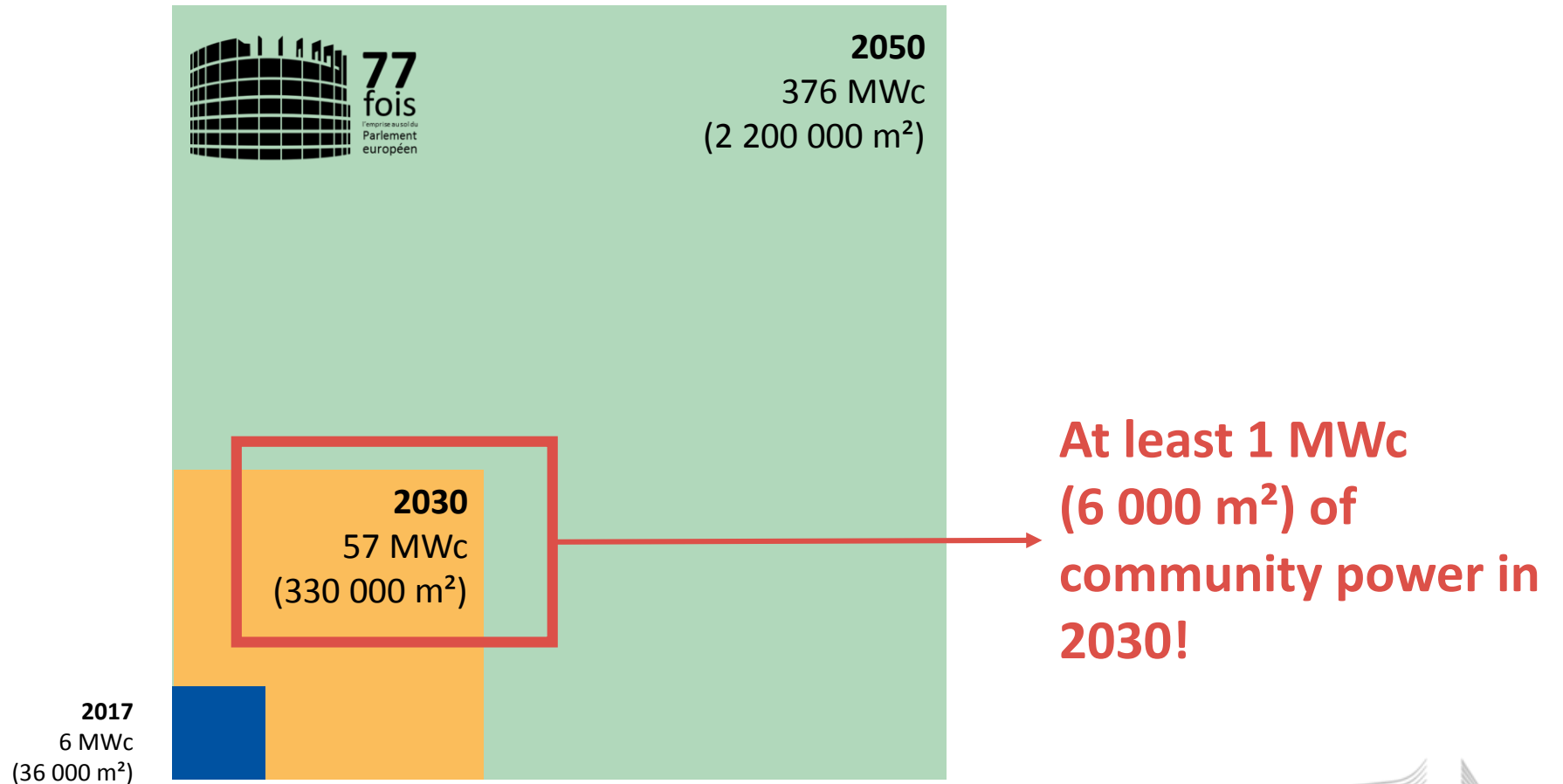
## Solar PV



Strong political commitment to develop community energy schemes, as they have many added values for the city :

- New relationships between inhabitants and communities,
- Increased capacity building at all levels, and a stronger citizens empowerment of energy issues,
- Higher local economic effect compared to traditional photovoltaic projects (namely job creation),
- New social relations due to different types of involved stakeholders : citizens, elected officials, companies, associations, farmers, etc.

## Solar PV



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**06/ 2019: STAKEHOLDERS COOPERATION**  
Launch of the community energy support  
scheme

More than:

25 63

workshops

hours

later

The “Energy Brewers”  
co-op is born!

# 2050 Roadmap

Solar PV

**09/2020: POLITICAL SUPPORT**

- **Decision of the municipal council:** authorising community energy projects on 4 public roofs
- **Decision of the metropolitan council:** becoming an “Energy Brewers” shareholder (100 actions, 10 000€)





**WHAT ?** ...A company with a "One person - One voice" principle



**WHEN ?** ...It all started in the summer of 2019



**HOW ?** ...Under the initiative of "Strasbourg Eurometropole"







**WHO ?** ...A dozen of citizen with a lot of motivation






**WHY ?** ...To be part of the energy transition



-  To develop **renewable energy** in the area
-  To provide citizens **another way to invest** their savings
-  To **create a federation** with different groups of projects
-  To work with **local players**



-  The "Brasseurs d'énergie" ou "Energy brewers" project has been initiated by the city and supported all along
-  Strasbourg will be a shareholder in the company
-  The city will give access to several roofs in order to develop solar power stations



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Projets photovoltaïques citoyens

**CSC Ares  
Esplanade**

document de travail - à valider DCP8

Puissance max

**140 kWc** //soit 666 m<sup>2</sup>

Puissance recommandée

**36 kWc** //soit 238 m<sup>2</sup>

Production d'énergie

**34 MWh/an**

Equivalent à la consommation électrique de

**24** logements équivalents\*

\*consommation électrique hors chauffage. Référence: 1,4 MWh/an par logement

Emplacement + vue aérienne



Estimation cadastre solaire

Choisissez votre surface de pose

0 m<sup>2</sup>    238 m<sup>2</sup>    400 m<sup>2</sup>

**Estimation économique sur 20 ans**

REVENUS	COÛT DE LA CENTRALE	COÛT
83 500 €	54 000 €	29 500 €

**Estimation énergétique sur 20 ans**

PRODUCTION	PUISSANCE	PES D'ÉQUIPEMENT
874 500 kWh	36 kWc	60,0 tonnes

# What's next

## City of Strasbourg:

- To provide technical studies to de-risk the co-op first projects
- To tender public roofs with strict community power criteria

## Eurometropolis of Strasbourg

- Help metro area municipalities to propose public roofs and create local energy communities that can pool resources through the Energy Brewers

## Energy community

- Capacity building
- Launch the 3 first projects to find economical balance



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