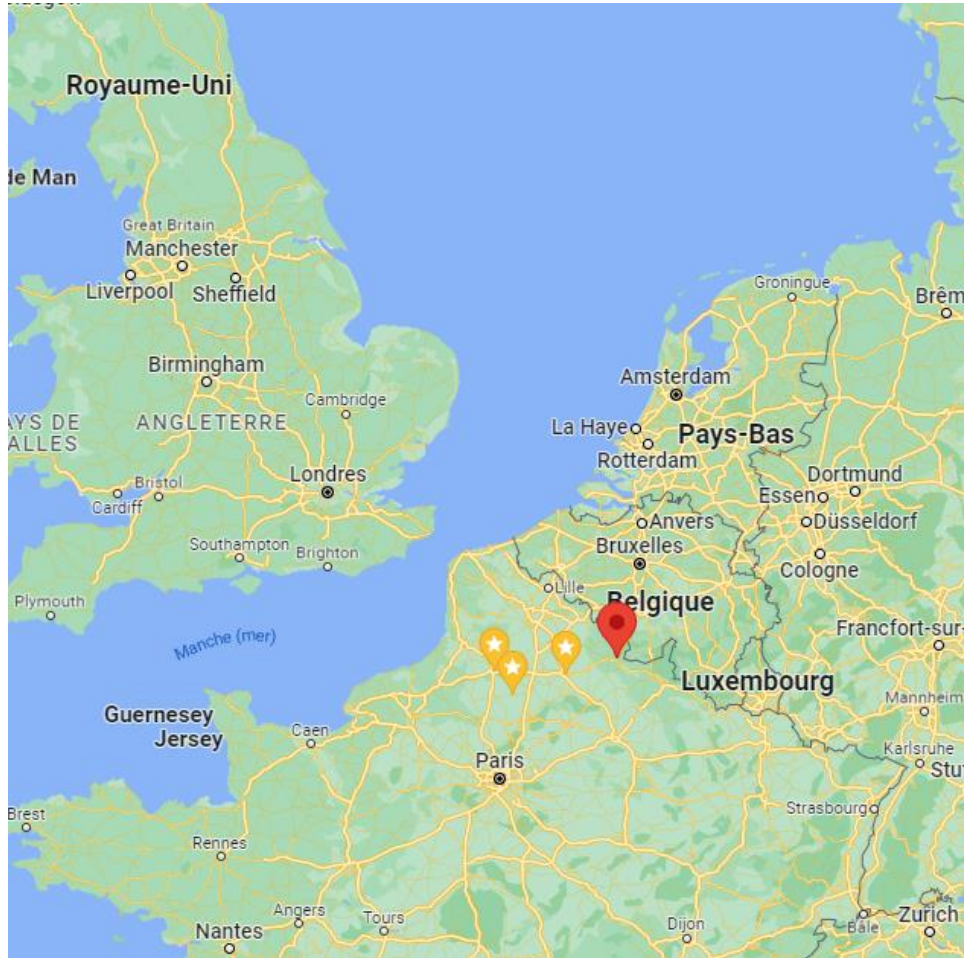


# **Energy transition and sustainable development at Fourmies**

## **Through « Third Industrial Revolution » project**



# Fourmies?



- ▶ 12 600 inhabitants
- ▶ French national transition demonstrator city reconized for its Third Industrial Revolution resilient projet (also called « TIR »)

# FOURMIES's strengths and weaknesses

- A rich history
- Elected members committed
- Natural and listed patrimony
- Reactive and agile
- Regognized for its Third Industrial Revolution project



**Remote city,**

**Unemployment (30%)**

Human Developpement indicator is 3 times lower than  
the region's one

Wait and see posture



# Genesis of our Third Industrial Revolution project

- ▶ 2013 : Hauts de France Region works with J. Rifkin to design a resilient master plan
- ▶ 2015 :
  - ▶ Beginning of this project in Fourmies, in order to change Fourmies with a systemic project
  - ▶ Financial and human resources creation

## STRATEGIC OBJECTIVES :

Bring back self confidence and pride to inhabitants

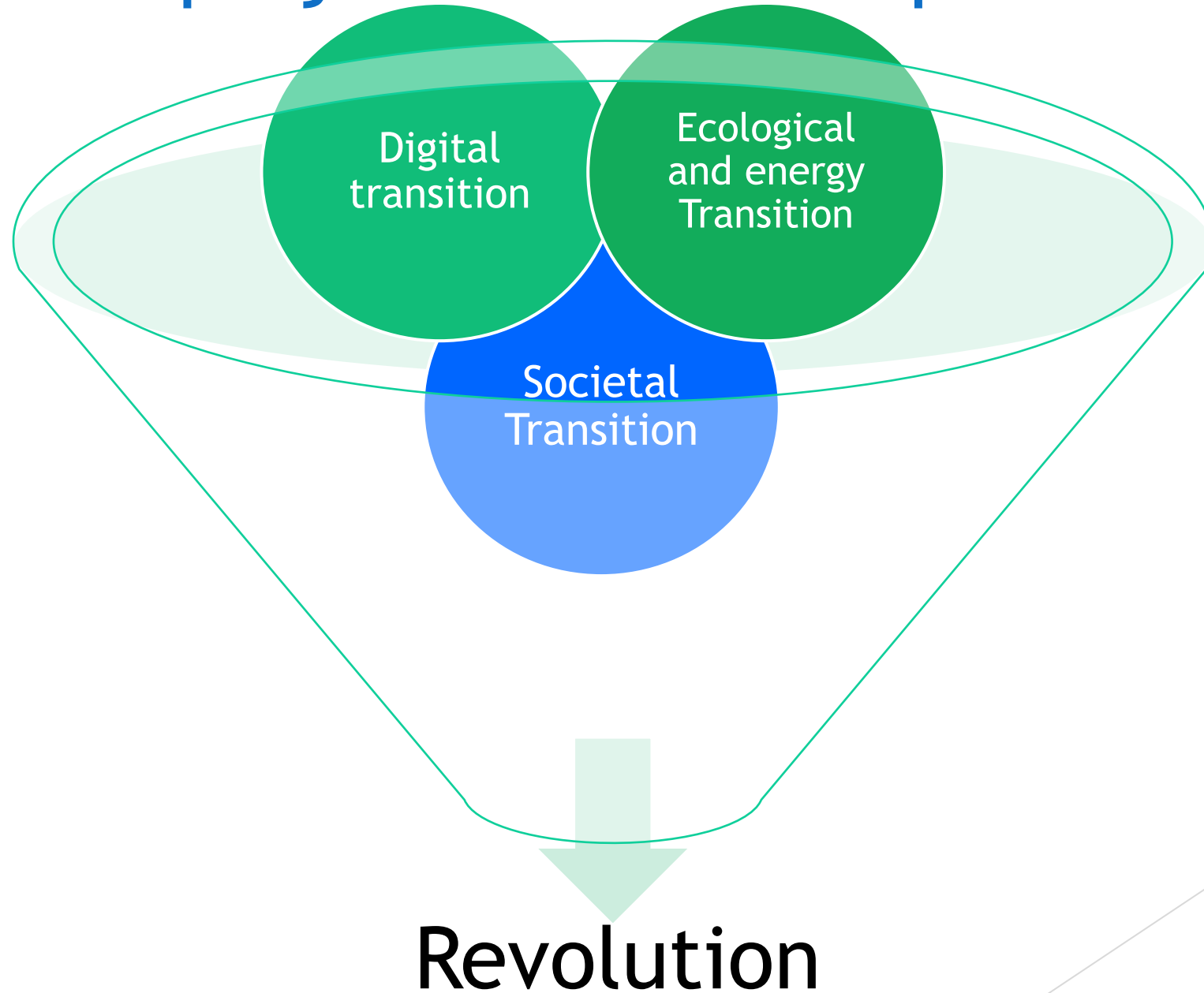
Develop the economic network by entrepreneurship

Aim at self sufficient Energy

Improve public health protecting, protect commun ressources

Bring back purchasing power

# A resilient project based on 3 pillars:



# Societal Transition Pillar

- ✓ TIR films
- ✓ Study travels
- ✓ TIR conferences,
- ✓ 11 co-design workshops
- ✓ 2 crowdlandings campaigns
- ✓ ...



## Observation



Energy bill =  
**23 M€ /year en 2018**  
**47,6 M€ en 2050**

Of wich 64% is supported  
by inhabitants



39% of inhabitants impacted by energy  
poverty

## Targets

100% EnR by2050

Decreasing our energy  
consumptions by 60%

# ENERGY & ECOLOGICAL TRANSITION PILLAR



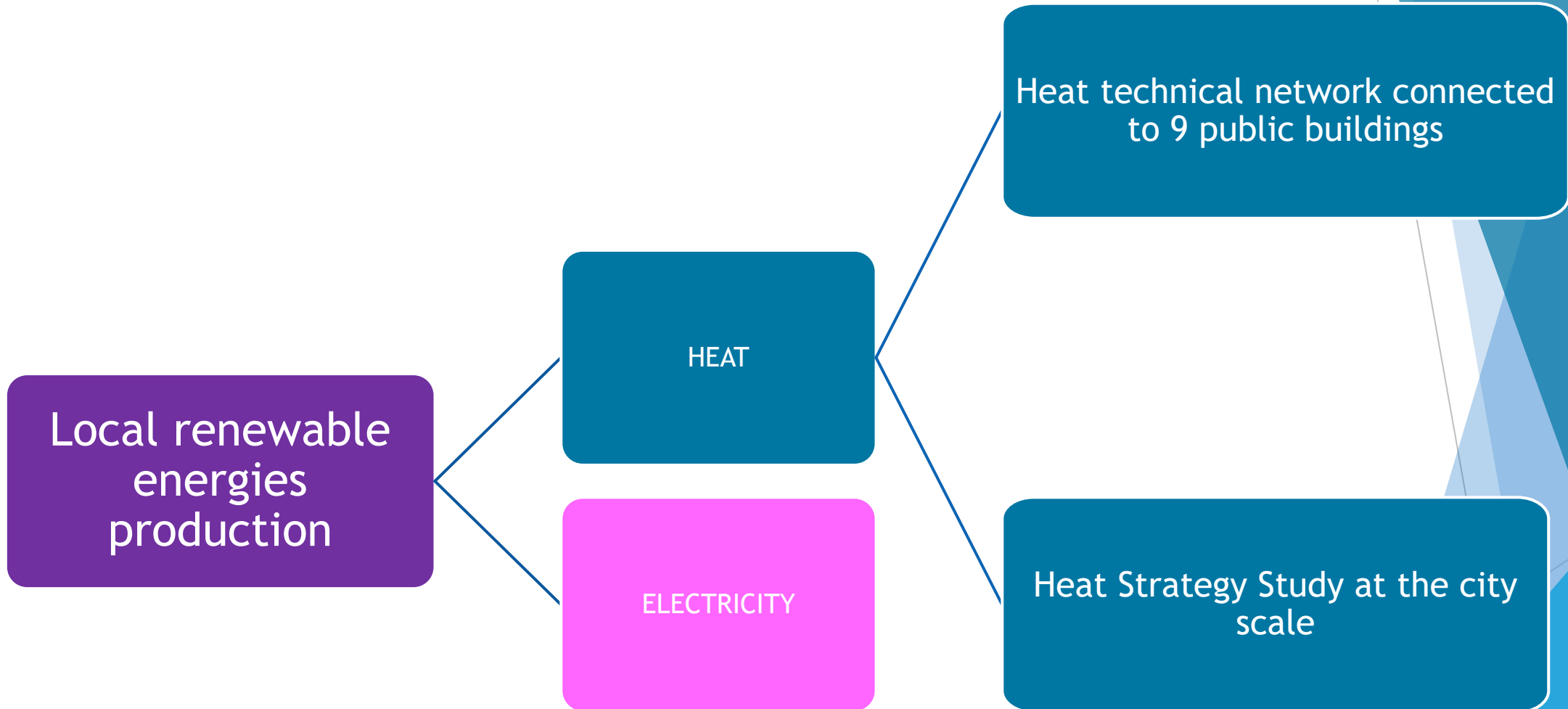
# 100% renewable energies by 2050 : the Fourmies strategy

Refurbishing program on public  
and landlords buildings

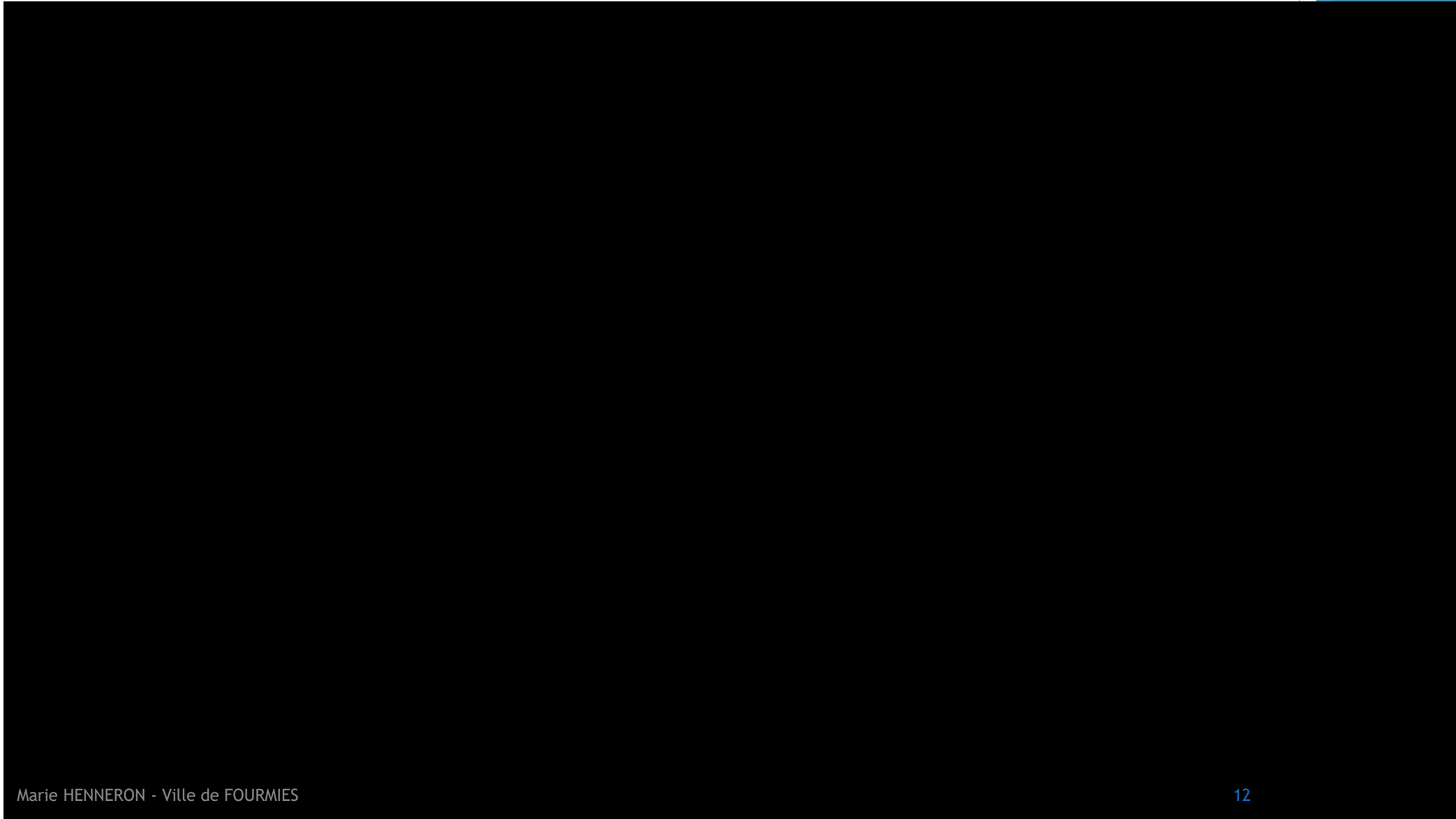
Renewable Energy Massification

Pilots Development

Renewable Energy Forecasting  
Study



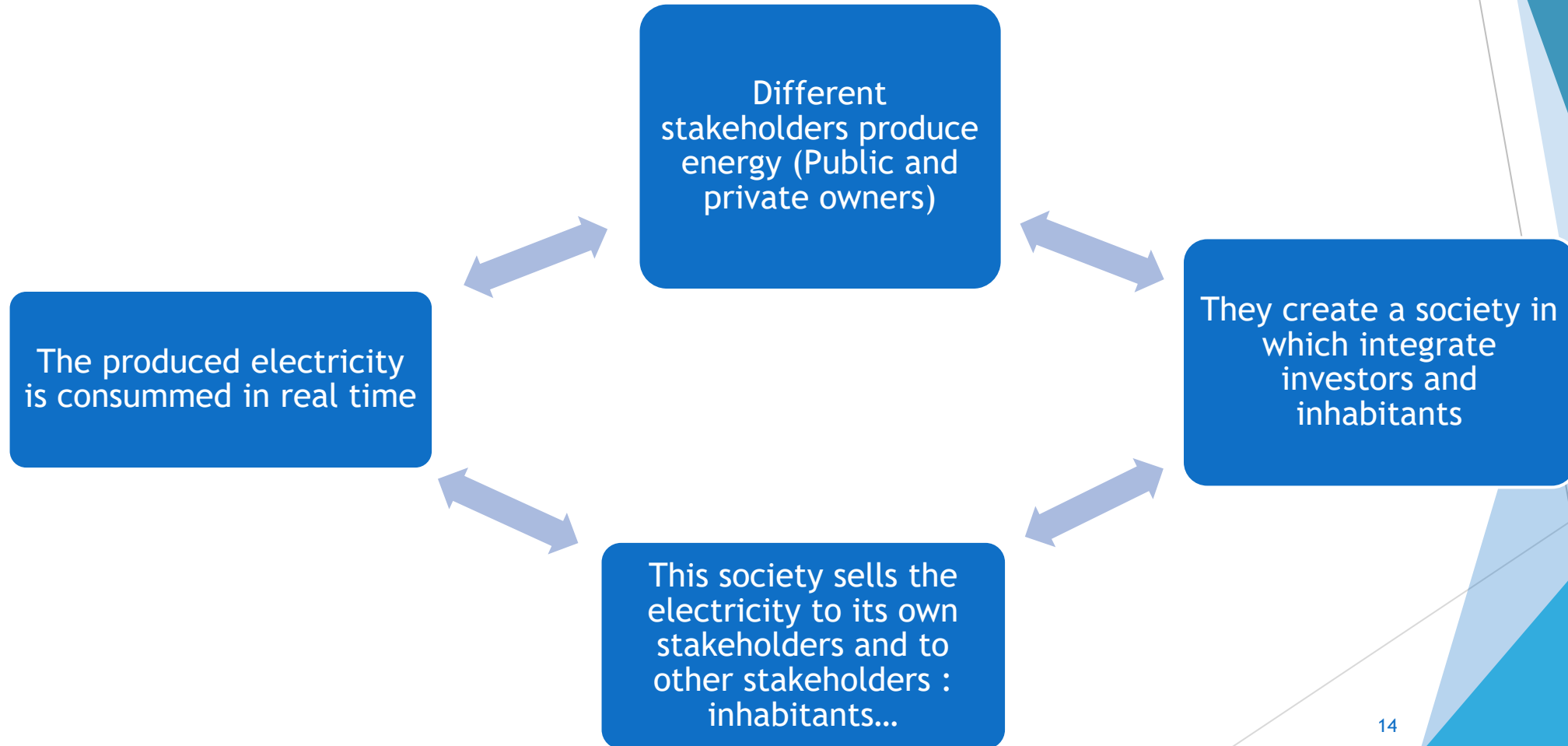
# Fourmies Solarise's Pilotes



# Autocollective self consumption?



# Towards the energy community...



THANK YOU FOR YOUR ATTENTION