

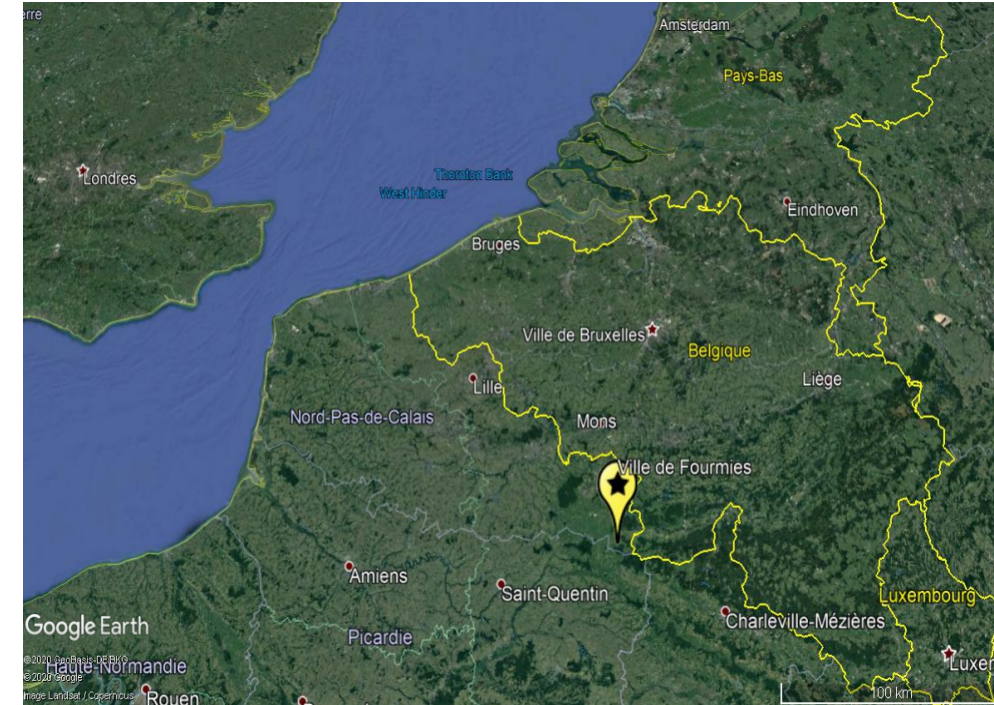
# Co-Creation Actions with Ville de Fourmies

01/10/2020

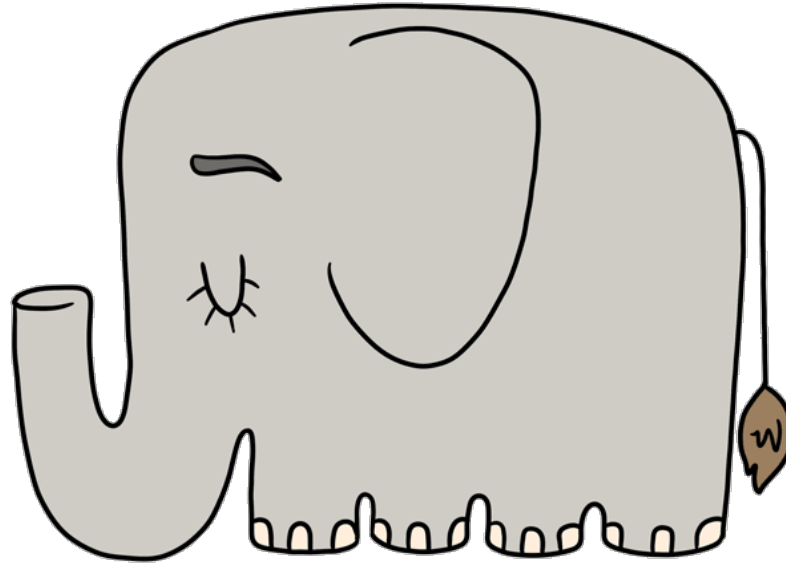


# Never heard of us? There you go....

- A city with an important industrial history
- Situated in the 2seas region
- Population of 12 600
- A legacy to be reinvigorated:
  - Textile heartland of the region
  - A city between belgium and distant metropolitans
  - Fusillade de Fourmies, on 1st May 1891 was the first Celebration of the International Workers' Day



First we need to address the.....

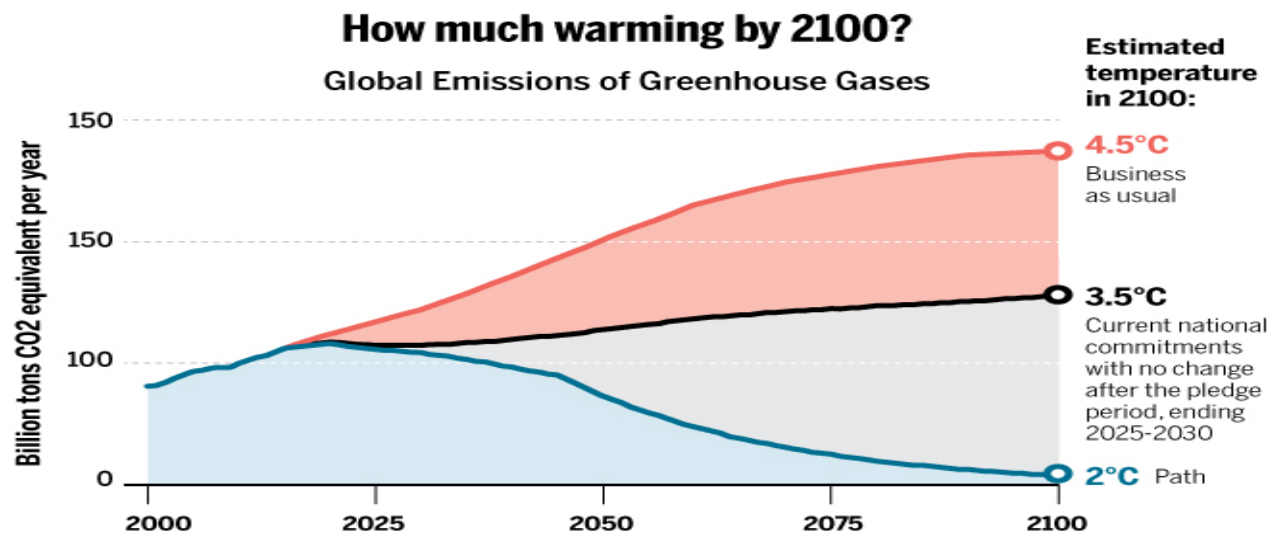


*in the*

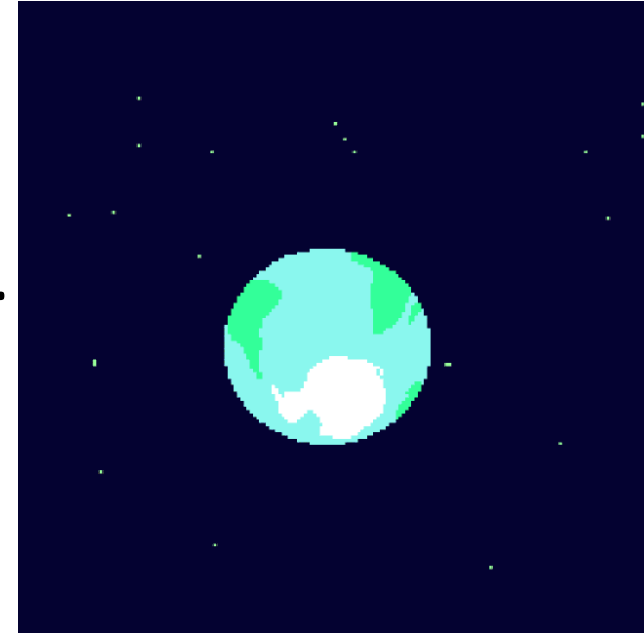
ROOM

# What's the need for renewable heat?





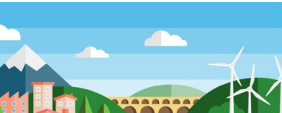
- The climate change isn't a hoax!!
- To achieve the ambitions of CO<sub>2</sub> neutrality
- To preserve the natural heritages : forests, hedges etc..
- Create a sustainable circular economy






Source: 27-Sep-2015 Climate Scoreboard ©Climate Interactive [www.ClimateScoreboard.org](http://www.ClimateScoreboard.org)



# Why do we need it and what's our plan...

- 15,9 MWh/inhabitant/year of average energy consumption for a Fourmisien-ne-s
- 39% of the population are influenced by energy poverty
- 76% of  built before 1970
- 41% of the  have an F/G energy label
- 60% reduction in  &  consumption by 2050
- 100 %  renewable energy by 2050

# Why Co-creation?

- Because WE ARE ALL  
IN THIS  TOGETHER!  
be it any Fourmisien-ne-s
- To have a democratisation of decision making
- To create awareness among the citizens regarding climate change issues
- To explain the advantages and challenges of the ambition 
- Go  with the citizens for the uptake and implementation of the action plans



# Our Pilot

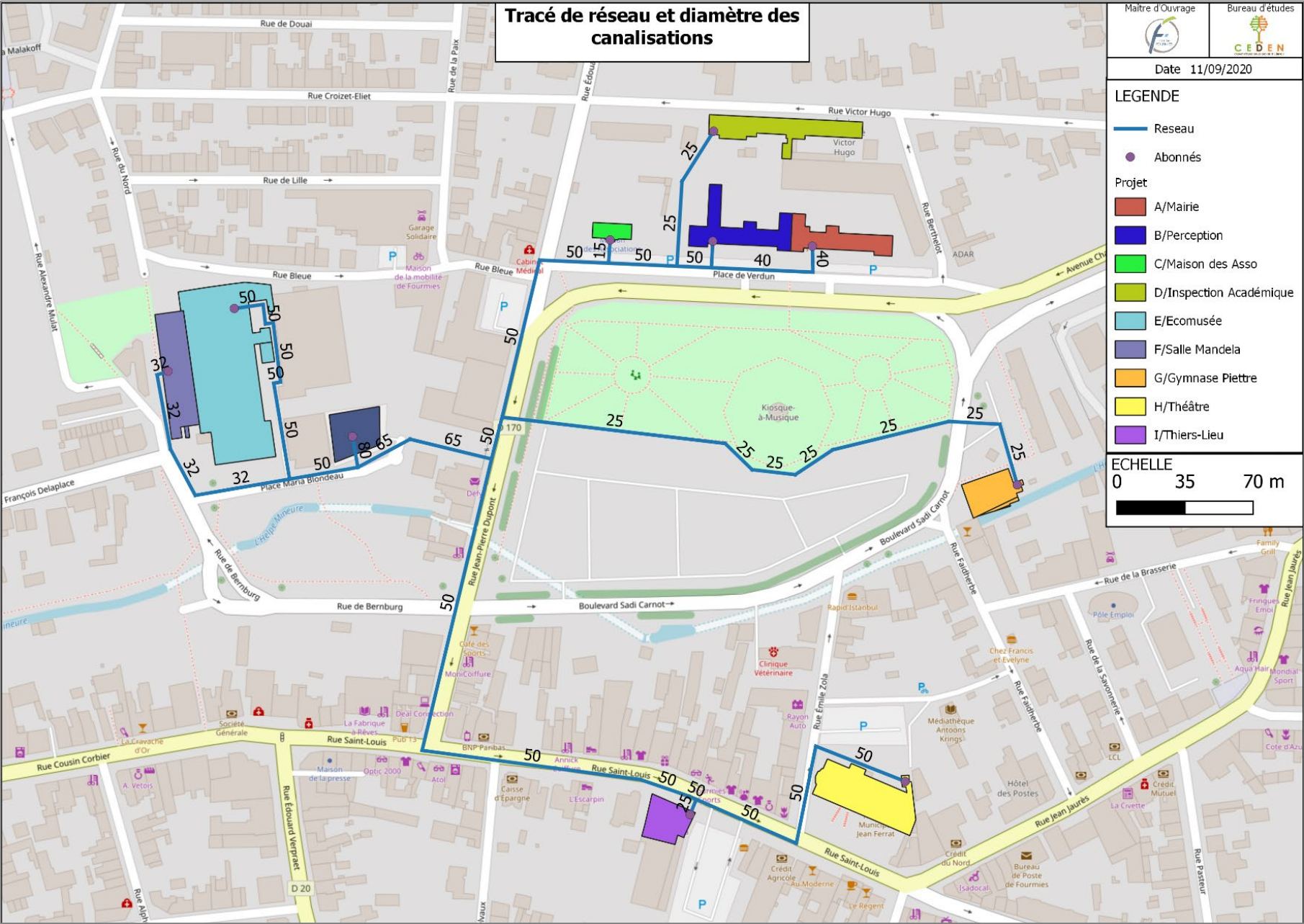
Source:



: 1165 to 1400 MWh/yr



: 1 to 1,4 kms



# Opportunities & Barriers for co-creation in renewable heating

## Opportunities

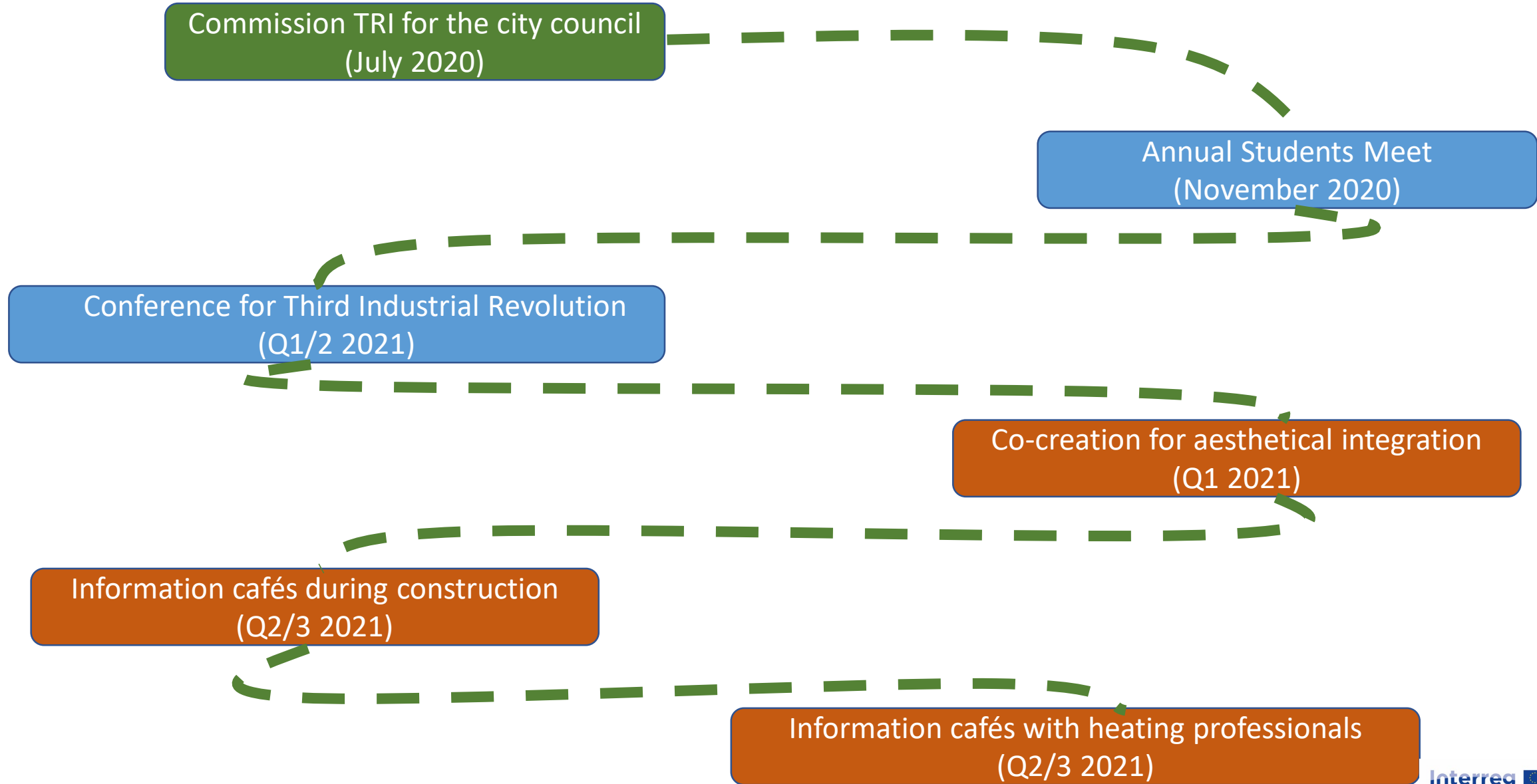
- Uptake of biomass energy is on a rise
- 20 000kms of hedges identified in the region
- 70 000 tonnes of wood-biomass could be generated and used
- The actual housing infrastructure is old and out of current norms
- Demands for energy renovation and optimisation at City Energy Counter « Guichet Unique Energétique »
- Re-envigoration of the agro industry and keeping the heritage of the hedges (as they are being destroyed by the days)

## Barriers

- Socio-Economic condition of the region
- High rate of unemployment & poverty in the region
- Well laid out gas network & use of gas powered heating systems
- Low & competitive cost of gas in Fourmies
- Judgemental attitude regarding the pollution from wood/biomass heating
- Visual impacts of the study
- Perturbations due to the installation work in the city



# Our plans within the scope of SHIFFT



# Approach of « Going Strength to Strength » in Public Governance & Co-Creation





# E-X-periences & Learnings



- « Rencontre des jeunes » or Student meets to define the Fourmies of tomorrow (horizon 2050: energy/transport/industries)
- Co-creation event for the creation of the definition of the smart building at Fourmies
- Co-creation event to define the energy ambitions for the smart neighbourhood in Fourmies
- Crowd-lending operations to collect ~110k€ for the installation of 3 roof-top solar PV installations to increase solar uptake
- Repair-café dedicated for public involvement in reuse and concept of circular economy
- « Rencontre Territoriale de l'Energie » to discuss the Fourmies action plans with the citizens, elected members of the region/state and Dr. Jeremy Rifkin
- Inclusion of people from all social backgrounds and all age-groups
- Tapping into known social sources : associations, well known/popular people
- Maintaining equal status for all the participants during the event be it anyone!

PROTECTING THE EARTH  
IS ABOUT PROTECTING US ALL

