

HEAT4U Project  
Coordinator



HEAT4U Project  
Partner



# INTERNATIONAL CONFERENCE HEAT4U<sup>PROJECT</sup>

Gas Absorption Heat Pump solution  
for existing residential buildings

January 26<sup>th</sup>, 2012  
Congress Centre "Palazzo delle Stelline"  
Corso Magenta 61, Milan



Under the EU's Seventh Framework Programme for Research





# 3<sup>rd</sup> Round Table

**Bernard Blez**

Deputy Director of CRIGEN R&D Center -  
GDF Suez

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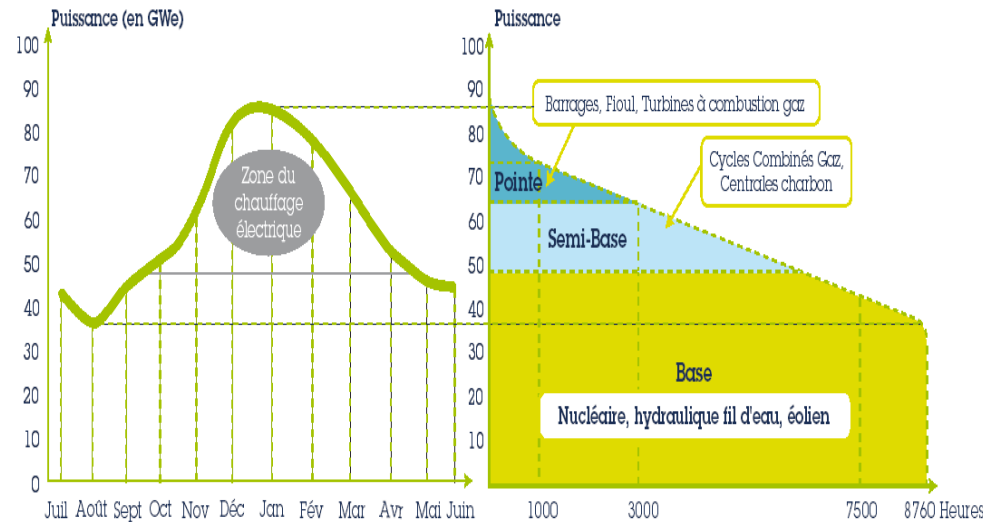
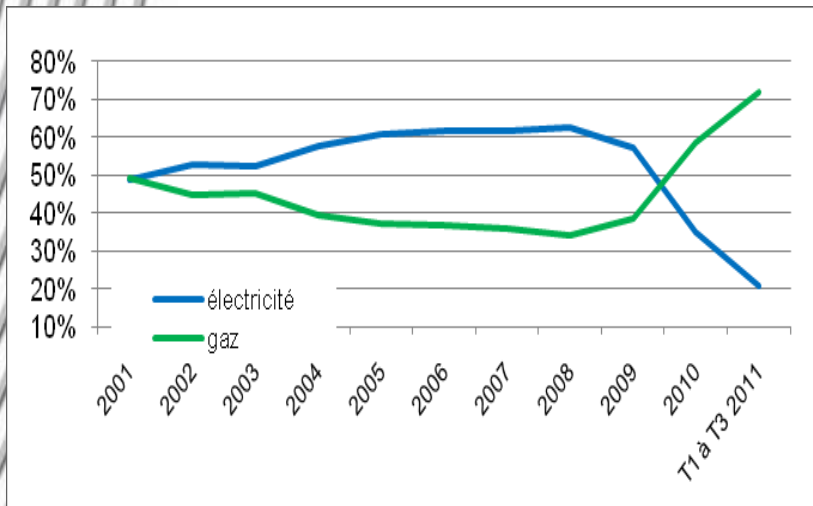
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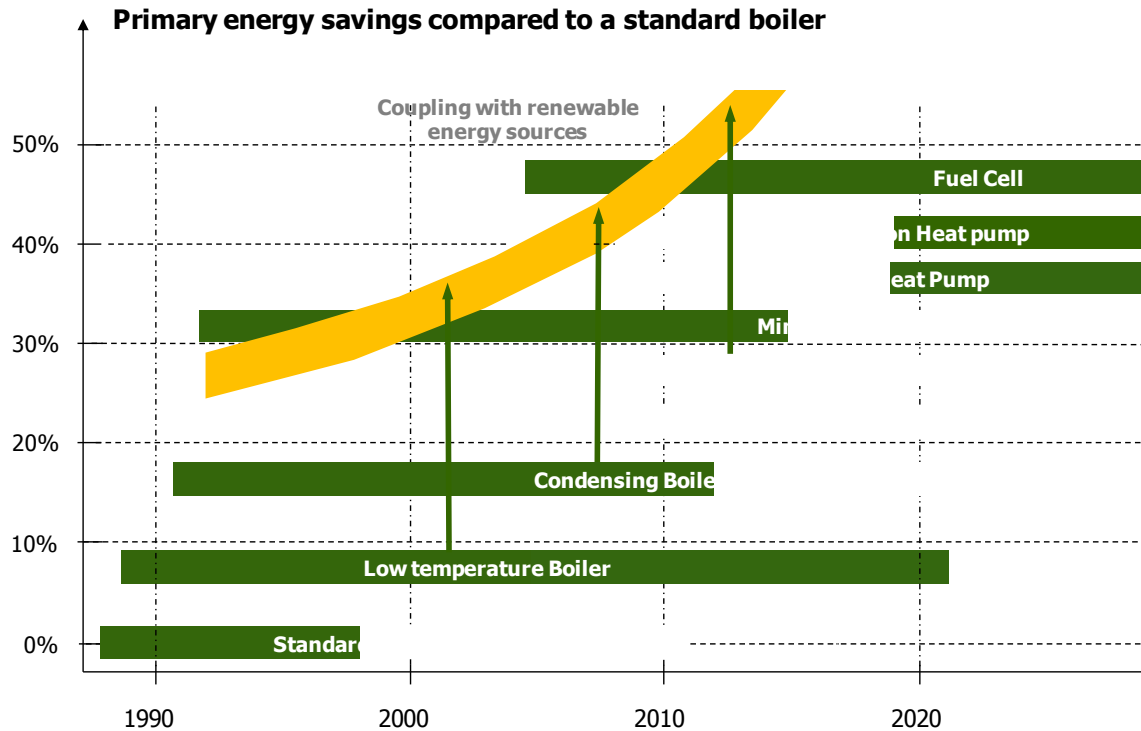
# The French Context

- A high electric heating penetration that has increased the electric peak demand during 9 years



- Need to develop gas efficient systems using a part of renewable energy

# GDF-SUEZ Roadmap to Develop High Efficiency Gas Products



**GAHP combine  
high efficiency  
and renewable  
energy**

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Gas Absorption Heat Pumps Development – GDF SUEZ involvement

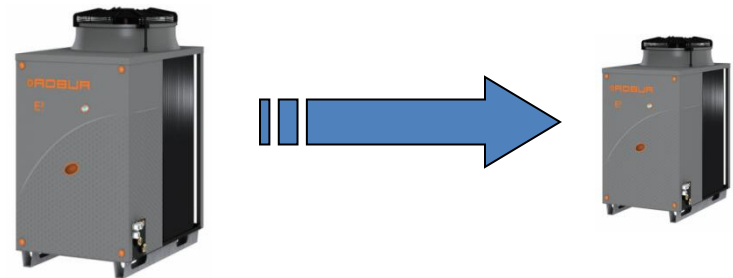
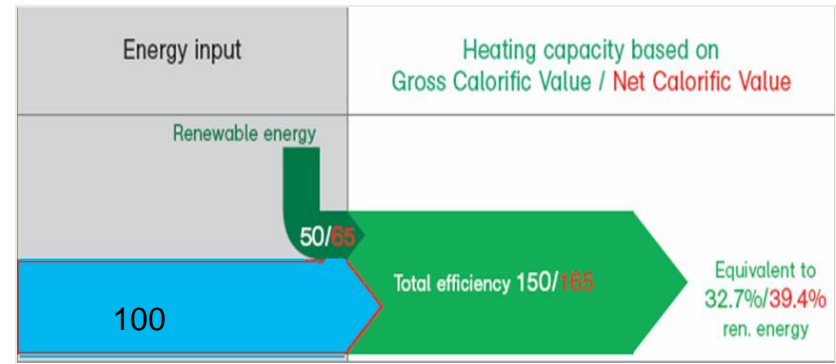
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**GDF SUEZ**

# The Challenge

- GAHP combine high efficiency and renewable energy
- The 38 kW has proven the effectiveness of the system, thousands installations in Europe in collective or commercial buildings
- Interest to develop such a product adapted to the mass market, with the challenge to reduce the scale and to improve the efficiency



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