



Pôle Alsace énergivie

Positive energy building solutions

European strategic objectives

The construction sector is the highest energy consumer in EU (about 40%) and main contributor to CO2 (36% of the EU's total CO2).

The European Council set clear goals for 2020:

- Increase energy efficiency to achieve a reduction of 20% of total energy use
- 20% contribution of Renewable Energies to total energy use
- 20% reduction of CO2

Energy efficiency in buildings

According the European commission

“Energy performance of buildings is key to achieve the EU climate & energy objectives.”

“Improving the energy performance of buildings is a cost- effective way of fighting climate change & improving energy security, while also creating job opportunities, particularly in the building sector”

Construction sector market in Europe

The construction sector represents 30% of industrial employment in the EU, contributing about 10,4% of the GDP, with 3 million enterprises. Overall 50 million workers in the EU depend, directly or indirectly on the construction sector.

The Energy-efficient Buildings (launched under the European Economic Recovery Plan) will devote around € 1 billion in the period 2010-2013 for research projects on new methods & technologies to reduce energy consumption & CO2

Construction sector market in France

The building stock in France represents around 30 millions of buildings and his rate of renewal is below 1%.

One of the main actions will be to focused on the refurbishment to transform existing buildings into energy-efficient buildings specially the 20 millions of buildings built before 1980 (75% of energy consumption)

ALSACE ENERGIVIE

POSITIVE ENERGY SOLUTIONS

Main goals

- **Development of innovative solutions for positive energy solution on new buildings & refurbishment of existing buildings**
- **Create knowledge for future business development**

Three strategic objectives

- **Make a success of the technological jump**
- **Make competitive the positive building value chain**
- **Contribute to the elaboration of future standards**

Pôle Alsace Energivie

Alsace Energivie is the only cluster in France devoted to energy efficiency for building.

It brings together the essential professions from the sector :

- **Design**
- **Construction**
- **Energy production equipment**
- **Process control systems**
- **Launching of innovative solutions**

Pôle Alsace Energivie

89 members including

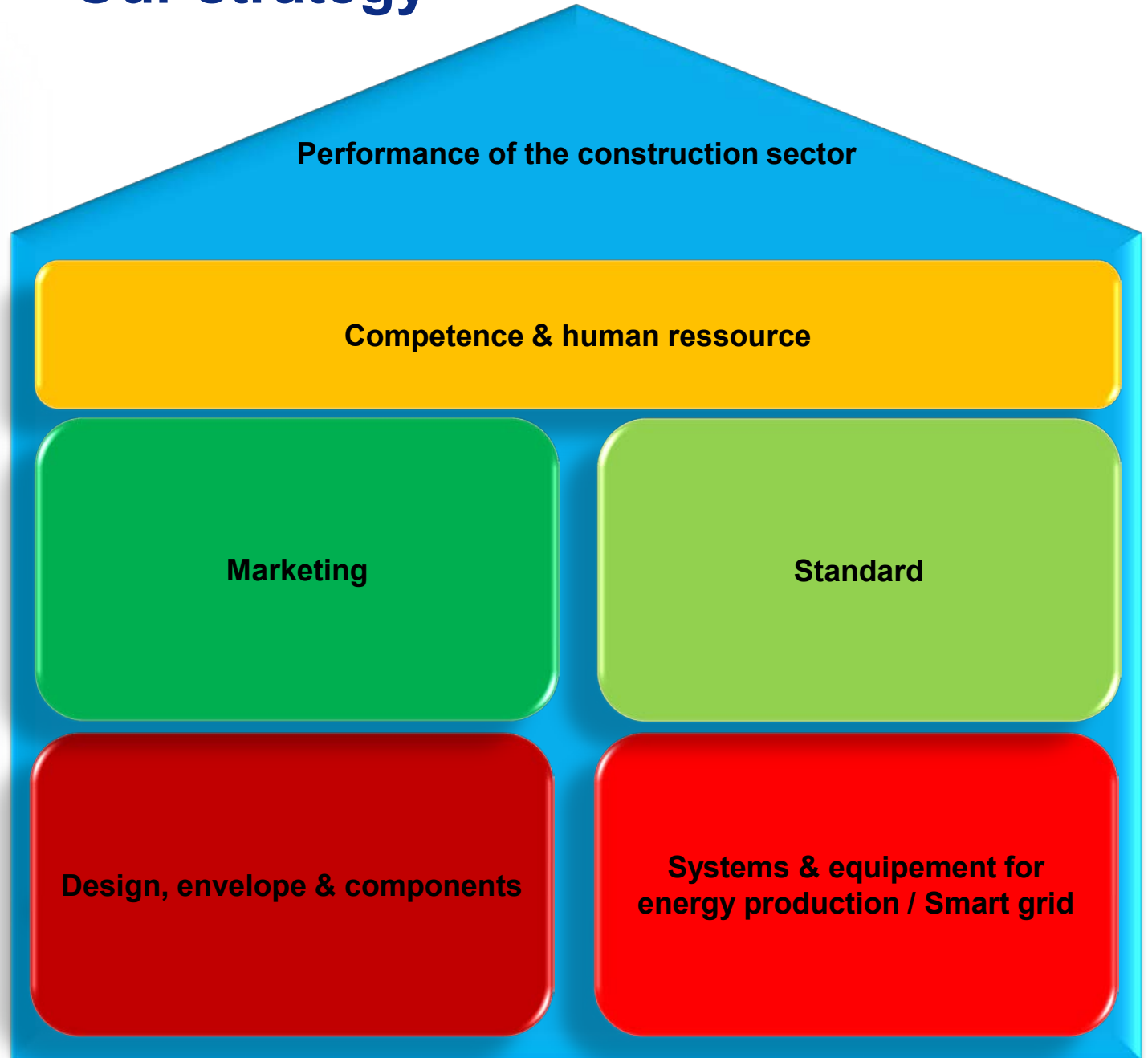
15 international companies

58 innovative small & medium size enterprises

46 600 employees & turnover of 4 Billion euros

Universities, schools and R&D centers

Our strategy



European cooperation

Pôle Alsace Energivie wants to develop :

**A cooperation network between European cleantech clusters –
Building & energy**

**Collaborative innovative projects , transnational, between
companies, research laboratories, & universities.**