

SIA PARTNERS' ANALYSIS OF THE COST OF THE BELGIAN ENERGY PACT

AMBITIONS OF THE ENERGY BELGIAN PACT

The Belgian Energy Pact is an interregional collaboration of the four Belgian Ministers of Energy. The ultimate aim of the Belgian Energy Pact is to reach a low-carbon society by 2050. The pact aspires to achieve an optimum in term of economic, environmental and societal efficiency while controlling the cost for the final user.



SAFE



SECURE



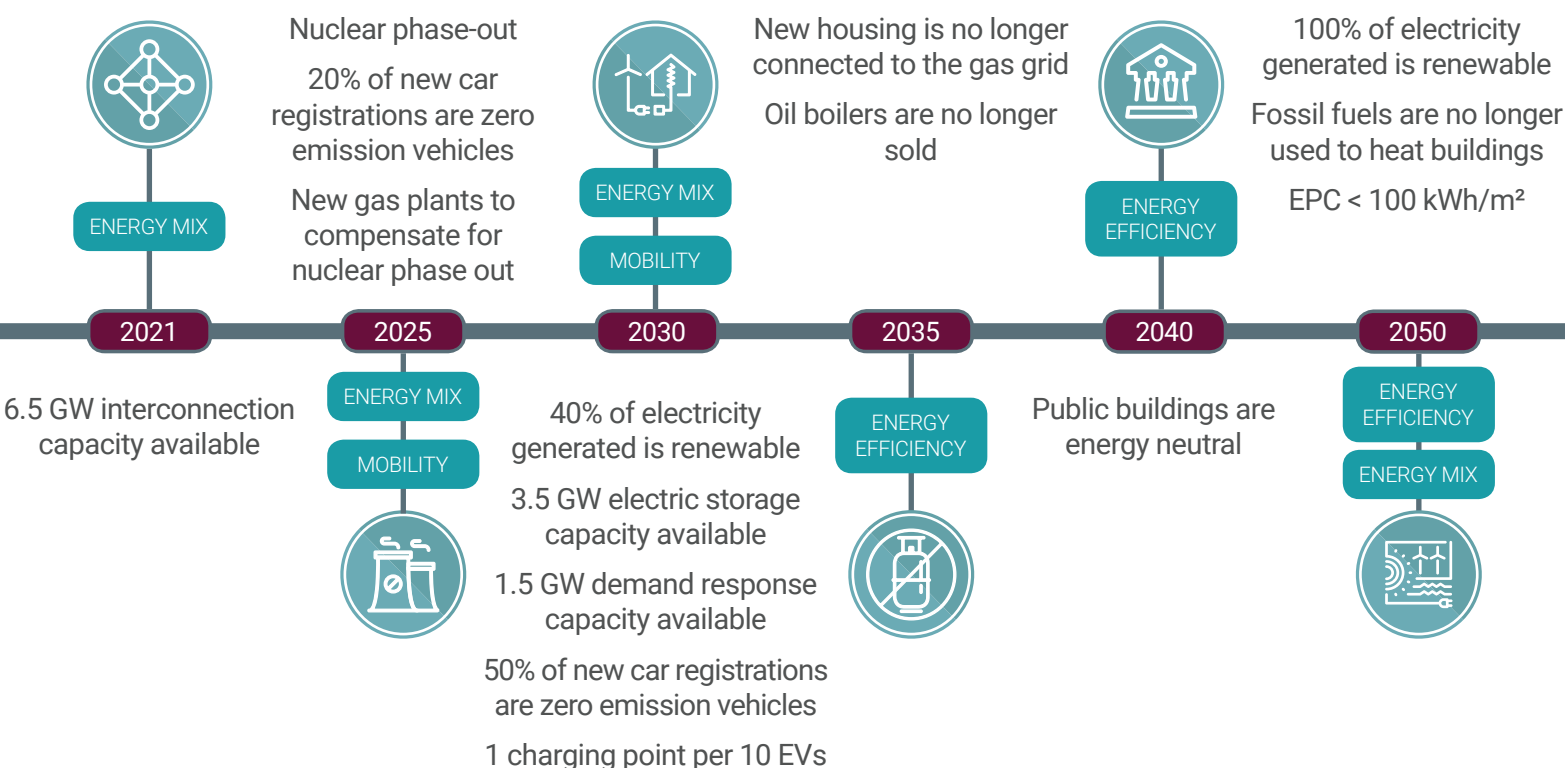
SUSTAINABLE



AFFORDABLE



ROADMAP OF ENVISAGED ENERGY TRANSITION



SIA PARTNERS HAS ANALYZED THE COST OF THE QUANTIFIABLE OBJECTIVES

ENERGY MIX

40%
of electricity generated is renewable

New gas plants to compensate for nuclear phase out

OBJECTIVES

€18.6 billion
investment needed

Electricity market price

+€15/MWh compared to today

-€2.5 MWh electricity price

- €2 CRM Flexible gas plants
- €3 CRM Biomass plants
- €12.5 Support renewables

COSTS

ENERGY EFFICIENCY

Envisaged residential heating savings:

27.5 TWh
primary energy/year

6.9 million
tons CO2/year

OBJECTIVES

Public cost:

€270 million/year
spent on subsidies during 13 years

= €3.5 billion total

€21.25/year
per household

COSTS

MOBILITY

Install one public charging point
per 10 EVs

OBJECTIVES

Investment needed for electric vehicle charging point equipment rollout:

€600 million – €1.2 billion

COSTS

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