Belgium clever energy

What is clever - a collaborative low energy vision for Europe?
CLEVER (a Collaborative Low Energy Vision for the European Region) aims to propose an ambitious and realistic decarbonisation pathway for Europe. The scenario proposes a pathway that reconciles the long-term climate and sustainability imperatives with the short-term energy security constraints and practical feasibility of such a transformation.

What is clever & how does it work?
CLEVER evaluates the potential of energy demand reduction(sufficiency and efficiency) and renewable energy development at the national and European level,with the aim to reach carbon neutrality at the European level by 2050 at the very latest,together with a 100% renewable mix. A dedicated website is now online !

What is Belgium's energy supply?
In 2020,fossil fuels(mainly oil and natural gas) accounted for 71% of its energy supply. Most fossil fuel demand comes from industry and transport,but Belgium's buildings also have a notable demand for gas,while oil covered 33% of residential building demand in 2020.

What is the objective of clever?
The general objective of CLEVER is to obtain a quantified scenario that at least meets the EU targets for GHG-emissions and renewable energy shares in the years 2030 and 2050, while meeting climate-neutrality as early as possible in line with the objective to limit global warming to 1.5 degrees.

How many suppliers dominated Belgium's Electricity Market in 2019?
In 2019,just one supplier had a 72% market share at the wholesale level,while just four suppliersdominated Belgium's retail electricity markets. More effort is needed to remove barriers to competition and ensure that new companies and innovative services can enter the market.

What is the clever final report?
CLEVER final report: A pathway to bridge the climate neutrality, energy security and sustainability gap through energy sufficiency, efficiency, and renewables Final report Executive Summary, giving insight in key features and recommendations of the report

Belgium has a wide range of energy and climate targets for 2030 aiming for energy transition and achievement of European Union (EU) targets. GHG emissions from Belgium"s energy-intensive industrial facilities and large electricity generation plants are regulated under the EU Emissions Trading System (ETS).

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The CLEVER (a Collaborative Low Energy Vision for the European Region) project is a joint effort by négaWatt, a French non-governmental think tank, and 26 partner organisations from 20 European countries to develop an ...

Belgium proposes an 18.3% share of energy from renewable sources in gross final consumption of energy in 2030 as contribution to the EU renewable energy target for 2030. This level of ambition is significantly below the share of 25% by 2030 that results from the formula in Annex II of the Governance

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This scenario focuses on the issue of energy sufficiency: how can we rethink and redesign individual and collective practices to favour activities and services that are intrinsically low on energy use? The sufficiency potential is enormous at ...

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Key components of the theoretical framework behind the CLEVER scenario are: (1) rapid reductions in energy demand to address cumulative emissions (2) a fair distribution of the remaining carbon...

Sufficiency"s impact in CLEVER. Energy Consumption reductions: 2019 vs 2050. CLEVER EU27 trajectory:-55% of final energy consumption. Partners trajectory:-20% to -30% due to sufficiency. 300 sufficiency policy ideas: https://energysufficiency /policy-database/

Web: https://www.taolaba.co.za