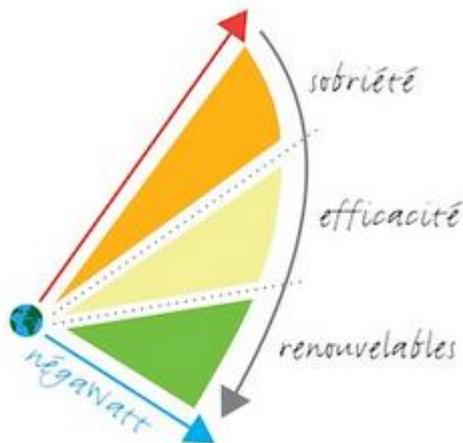


## Discovering...

### The new national energy scenario NEGAWATT 2017

Created 15 years ago by 12 energy experts and practitioners from all 4 corners of France, the négaWatt Association, which today has over 1000 members, set itself the goal of putting energy transition at the heart of the political and public debates. Its principal tool? A national energy scenario, updated and enriched every 5 to 6 years, that shows in particular how France can attain the « factor 4 » which is now part of French law (division by four of the national greenhouse gas emissions, an objective resulting from the Kyoto Protocol). This result is achieved thanks to the taking into account of numerous solutions enabling a reduction in energy consumption. The goal of this work? Demonstrate to the decision-makers that another energy production and consumption model is possible with positive and quantified impacts on employment, the economy and the quality of the air.



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Produced by a college of 23 energy experts and practitioners, all involved professionally in the control of the demand for energy or the development of renewable energies, the starting point of the négaWatt scenario is the analysis of hundreds of data linked to the consumption and production of energy: whether these concern electrical appliance consumption trends, energy consumption in housing, offices, transport facilities, nuclear energy production trends, fossil-based energy, renewable energies (RE) or greenhouse gas emission trends (CO<sub>2</sub>, methane and also N<sub>2</sub>O or even fluorinated gases). This analysis gives rise to a comprehensive panorama updated by the consumption and production of energy in France and

makes possible a projection to 2050, hour by hour. The association is thus in a position to propose an energy scenario based on concrete data, using the current needs as the starting point. The results of this scenario are then the subject of an evaluation of the related benefits, whether these are in terms of greenhouse gas emission reduction, energy consumption reduction, or again job creation – positive impacts for the economy and the quality of the air.

Done for the first time in 2003, updated in 2006, then in 2011, the négaWatt 2017 scenario has in particular the goal of putting energy transition back at the heart of the Presidential debates – a topic that has been « forgotten » for the time being according to the association. Of the major structuring conclusions, négaWatt mentions 5 years' delay since its previous scenario, in particular for the renovation of buildings, and the need to speed up the process in a sustained manner on pain of having to write off the commitments regarding a drop in energy consumption and greenhouse gas

emissions by 2050. The association also emphasizes the fact that over and beyond the environmental benefit, energy transition is a great opportunity for the economy, the fight against energy insecurity, for the quality of the air or again employment. The previous négaWatt scenario envisaged in particular the net creation of over 600,000 jobs – in building renovation and the production of RE. Another important element: négaWatt envisages the most relevant energy solutions according to the uses put. Thus, biomass, wood and biogas energies are recommended for heating buildings; as for wind and solar energies they are recommended for the production of electricity. We also discover that the electric car cannot perhaps be extended to the whole of the vehicle population, whereas biogas should be reconsidered for the future of transport.

To be officially presented on 25 January 2017 in Paris, the négaWatt 2017 scenario will then be brought to the attention of the political, economic and association players by the members of the network.

Go to the négaWatt website for more information: <http://www.negawatt.org/association.html>

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