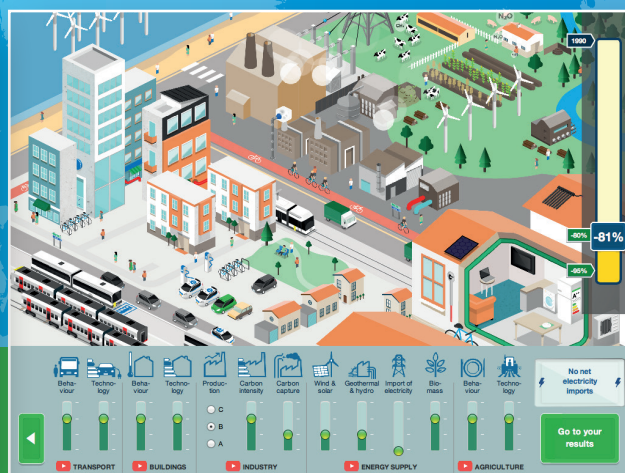




TOWARDS A
LOW CARBON SOCIETY

My 2050: Create your own scenario for a low carbon society by 2050



With this educational web tool, the Federal Public Service aims to encourage all citizens to debate on how we can make our society evolve towards a low carbon society by 2050.



During the International Climate Summit of Paris (2015), 195 countries decided that the increase of the average global temperature had to remain well below 2°C and agreed to pursue efforts to limit it to 1.5°C. To achieve this, greenhouse gas emissions should drop as quickly as possible and reach a level of net zero emissions during the 2nd half of the century.

In this context, the European Union stated earlier that by 2050, industrialised countries should reduce their emission of greenhouse gases by 80 to 95% compared to the 1990 level.

Our society is thus facing a challenge: to switch rapidly to a low carbon society. All sectors will have to make important efforts to ensure this transition. **The awareness and involvement of all citizens – and certainly of the youth – are crucial.**



This is why the federal authorities developed the educational web tool 'My2050', which:

- > provides insight into the changes that are possible in transport, buildings, industry, energy supply and agriculture;
- > enables you to develop your own transition scenario by selecting ambition levels for the various “levers” in these sectors. Each choice is immediately visible in the virtual landscape;
- > calculates immediately the emission reduction of this scenario for our country in 2050;
- > analyses this scenario with regard to emission reductions, energy demand and net import and export of electricity, and also calculates its costs;
- > provides clear information through 7 animations (e.g. about the challenges and solutions in the various sectors) and 13 info sheets (one for each lever);
- > provides the teachers with a manual for optimal use in class (3rd degree secondary);
- > provides the possibility to save, compare and distribute your scenario through the social medias.

This web tool is based on the concept of the British tool <http://my2050.decc.gov.uk> and is a simplified version of a very extensive calculation model for the development of low carbon scenarios for Belgium, with some 50 levers, which you can consult on www.climatechange.be/2050.

As from January 2017, 'climate coaches' will give information sessions on this tool.

'My2050.be' is an initiative of the Federal Climate Change Service, in collaboration with Climact (calculation model), Climate Media Factory (web tool development), Cronos/Legioen (animations) and WWF (manual for teachers).

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