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First generation biofuels are just as sustainable as second generation

both show significant reductions of greenhouse gas emissions

A comprehensive sustainability assessment carried out by nova-Institute shows that first generation bioethanol is as advantageous as second generation bioethanol for a feasible climate strategy. The results clearly indicate that the systematic discrimination against first generation biofuels of the current Commission proposal is in no way founded on scientific evidence. It would be counterproductive to further lower the share of first generation fuels in the EU's energy mix.

The study will be presented and discussed for the first time in Brussels on 26 September 2017. Please find the full program of the international conference "Sustainable First and Second Generation Bioethanol for Europe – Opportunities for People, Planet and Profit" at www.bio-based.eu/sustainablefuels

Twelve main criteria were selected in order to evaluate the sustainability of first and second generation bioethanol. The criteria selection was based on the most current standards and certification systems of bio-based fuels and materials, including a wide range of environmental, social and economic aspects. A dedicated focus was put on food security due to the continued allegations towards first generation biofuels that they cause harm to food security.

The analysis of twelve different sustainability criteria shows that all of the researched bioethanol feedstocks offer significant strengths, but also weaknesses in terms of sustainability.

Source: nova-institute

Read more:

<http://news.bio-based.eu/first-generation-biofuels-are-just-as-sustainable-as-second-generation-both-show-significant-reductions-of-greenhouse-gas-emissions/>