



BEST

Bioenergy and
Sustainable Technologies



Ein Fonds der
Stadt Wien



“Potential for Decarbonisation of Transport” Inter-Task Project

Update on Biofuels Demonstration Plants website

IEA Bioenergy Task 39 Virtual Business Meeting
02/04/2020

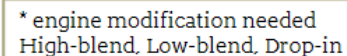
Dina Bacovsky



Potential for Decarbonisation of Transport

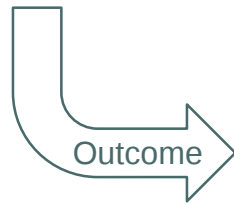
- IEA Bioenergy TCP & IEA Advanced Motor Fuels TCP, co-funded by the European Commission
- Project leader: Dina Bacovsky - BEST GmbH
- Duration: 1 January 2019 – 31 March 2020
- Budget: ~130.000€
- Show the contribution of advanced renewable transport fuels to road transport decarbonisation in 2030 and beyond

What do we have to do in order to reduce GHG emissions in the transport sector?

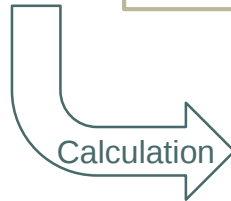




WP3: Fleet analysis



- Vehicle park composition
 - Annual mileages
 - Use of fuel type
 - Efficiency
 - Carbon intensity
- } per vehicle category and type



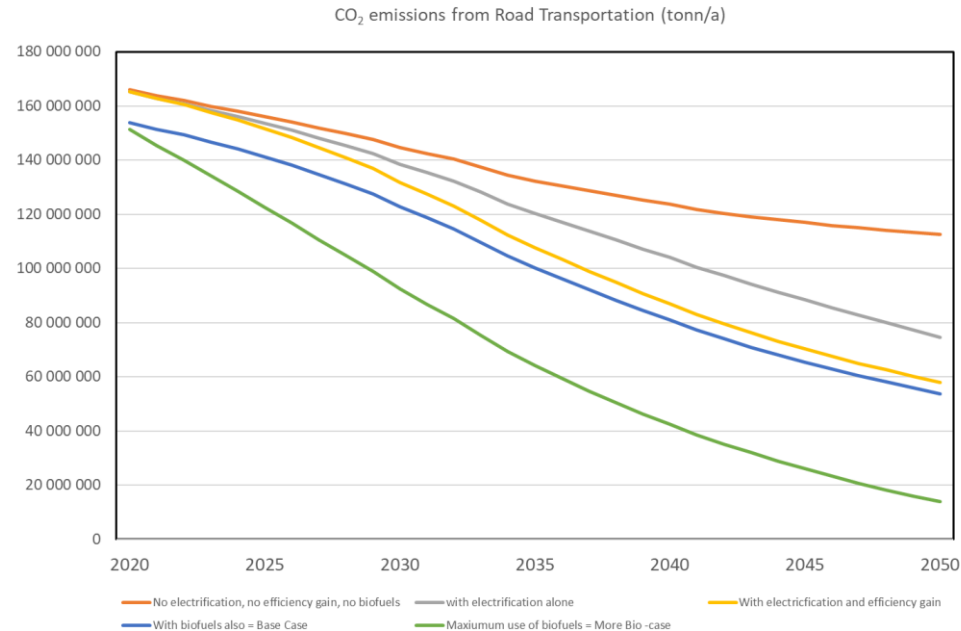
- Transport fuel use per fuel type
- Associated GHG emissions



- Projection until 2050



Scenarios of CO₂ Emission from Road Transportation for Germany





Project status

- Last fine-tuning of country assessments has just taken place
 - Last chapters under finalization
 - Final report expected to go out to peer review by end of April
 - Publication envisaged for end of June
- Volunteers for peer review welcome!

Budget for project management entirely spent – additional support (cash or in-kind) could largely improve the quality of the final report



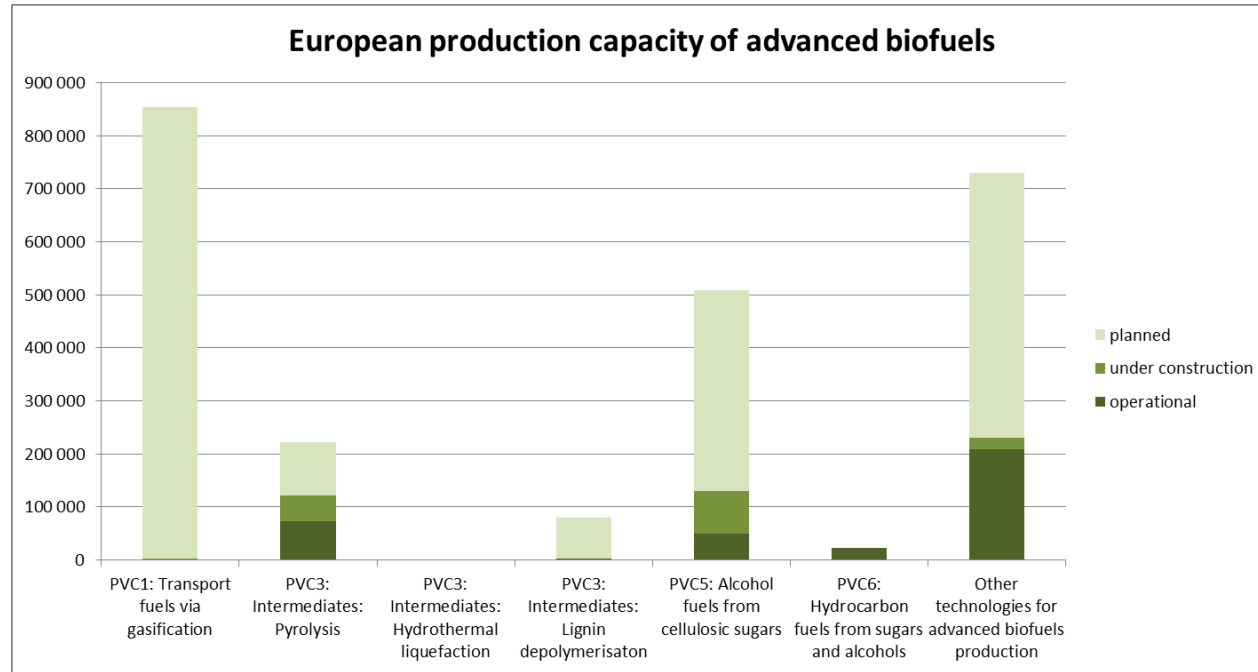
Update on Biofuels Demonstration Plants

Most recent update:

European facilities for production of „advanced biofuels“,
i.e. utilizing feedstock from RED II Annex IX Part A



European production capacity of advanced biofuels by pathway





European production capacity of advanced biofuels by status

