The Contribution of Advanced Renewable Transport Fuels to Transport Decarbonisation in 2030 and beyond
Decarbonising The Transport Sector

Global Overview

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Current global role of bioenergy – REN 21 Global Status Report

Shares of Bioenergy in Total Final Energy Consumption, Overall and by End-Use Sector, 2016

- Non-biomass: 87.2%
- Biomass: 12.8%
- Electricity: 0.4%
- Transport: 0.9%
- Heat, buildings (modern): 1.4%
- Heat, buildings (traditional): 7.8%
- Heat, industry: 2.2%
Future role of bioenergy – IRENA REMap

Source: IRENA REMap
Future role of bioenergy – IEA Bioenergy Roadmap

Modern bioenergy in final energy consumption in 2DS

Source: IEA Bioenergy Roadmap
Biofuels: an important option in a portfolio of transport solutions

Source: IEA Bioenergy Roadmap
Biofuels: an important option in a portfolio of transport solutions

1. Promote short term deployment of mature options

2. Stimulate the development and deployment of new technologies

3. Deliver the necessary feedstock sustainably, backed by a supportive sustainability governance system

4. Develop capacity and catalyse investment via a coordinated international collaboration effort

Source: IEA Bioenergy Roadmap
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More information: https://iea-amf.org/content/news/TD-WS
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