



GHD Oil and Gas - Alternative Fuels

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According to the International Energy Agency, a 10-fold increase in biofuel production will be required over the next 40 years to reduce emissions, in order to limit the average global temperature rise to 2°C.

GHD is committed to alternative fuels, especially biofuels and renewably generated hydrogen, as key to reducing the transportation sector's environmental footprint.

The alternative fuels industry also offers significant opportunities to stimulate new rurally based economies, encompassing feedstock cultivation, water and land management as well as harvesting, initial processing and transport logistics.

Generating real value requires matching the right technology to the feedstock and target fuel market, and being able to examine and optimise the project holistically. All of this is possible thanks to GHD's broad range of skills.

GHD's comprehensive services over the project life cycle include:

- Feedstock supply chain and development
- Stakeholder engagement and social sustainability
- Environmental impact assessment, permitting and approvals
- Technology selection and supporting development
- Investment, policy and economics
- Business case development
- Transport and logistics studies
- Geotechnical, siting and site selection
- Power generation, grid connection, distribution
- Modelling and multi-disciplinary design of processing facilities
- Water management
- Risk and safety management
- Asset management
- Building services engineering
- Contracting strategy and construction management, EPCM services

For further information, please contact:

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