



**Globemeth Energy**

*Energy Systems & E-Fuels Advisory*

## **Integrated Biofuel & E-Fuel Systems Modelling**

Globemeth Energy provides advanced techno-economic modelling and optimisation of integrated energy systems, supporting large-scale infrastructure planning across biofuel and e-fuel pathways.

### **Services**

- Integrated feasibility studies
- Techno-economic modelling
- National energy systems planning
- Custom optimisation tools

### **Selected Project Experience**

#### **Multi-Country Energy Systems Optimisation**

- Nigeria, Kenya, South Africa
- Over 1,200 regions analysed
- Biomass, hydrogen, and CO<sub>2</sub> integration
- Spatial optimisation of fuel production systems

#### **Hydrogen & E-Fuel Export Optimisation**

- Export to UK, Germany, Netherlands
- Port-level logistics optimisation
- Cost-driven infrastructure planning

### **Value Statement**

Delivering data-driven insights for energy infrastructure planning, investment decisions and low-carbon fuel system development.

Let's Discuss Your Project

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