

## **BIODIESEL**

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Biodiesel can be made from several raw materials like rapeseed, soybean or soybean oils, sunflower, animal fats and waste vegetable oils.

Biodiesel is a liquid fuel that can be used in blends or in a pure form to replace regular diesel fuel. It can run diesel engines that are commonly found in big vehicles such as trucks, buses, or boats. On several EU countries biodiesel is already available as fuel for public and private fleets.

Biodiesel contains no petroleum, but it can be blended at any level with petroleum diesel to create a biodiesel blend. It can be used in compression-ignition (diesel) engines with little or no modifications. It is simple to use, biodegradable, nontoxic, and essentially free of sulfur and aromatics.

### **PROJECT GOAL**

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*The overarching goal of "Biodiesel Chains" project is to:*

*"understand the current state and design promotional actions for the establishment of biodiesel market chains in selected EU countries which up to date present slow progress in the field."*

Intelligent Energy  Europe



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## **BIODIESEL CHAINS**

*Promoting favourable conditions to establish biodiesel market actions*



Contract No: EIE/05/113/SI2.A20022  
Duration: 1/1/2006- 31/12/2007

## ***WORK PROGRAMME***

This project focuses on Greece, Belgium, Poland, Cyprus, Romania and Bulgaria aiming to assist future uptake of biodiesel in the energy markets.

Six core work packages are undertaken with the following specific objectives:

### ***BIODIESEL MARKET STATUS***

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Critical analysis of current market developments in biodiesel in participating countries in relation to wider EU25 biofuel markets, including drivers, barriers and windows of opportunity.

### ***BEST PRACTICES***

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Collate information on emerging best practices and commercialisation of biodiesel in leading European member states and understand how this can be adapted and transferred to participating countries.

### ***MARKET STRUCTURES***

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Determine how to create country-specific favourable conditions to increase penetration of biodiesel.

### ***STRATEGY FORMATION***

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Work with market actors to agree and articulate strategies to establish biodiesel market chains in participating member states.

## ***MOBILISE ACTORS***

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Create networks of relevant stakeholders to initiate dialogue and mobilize market actors.

### ***DISSEMINATION***

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Active promotion of the project outcome to target stakeholder groups, including information and awareness campaigns in each participating member state.

### ***MAIN DELIVERABLES include:***

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- EU25 biodiesel status report
  - Review of legislation & regulations
  - Analysis of international trade
  - Best practice stories
  - Case studies
  - National strategies plan
  - Umbrella campaigns for the key stakeholders
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## ***LIST OF PARTICIPANTS***

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Centre for Renewable Energy Sources	CRES (GR)
Institut fuer Energie- und Umweltforschung Heidelberg	IFEU (DE)
Université Catholique de Louvain	UCL (B)
Energy for Sustainable Development Ltd.	ESD (BG)
INTERTERMO CONCEPT	ITC (RO)
Polish National Energy Conservation Agency	KAPE (PL)
AEOLIKI Ltd.	(CY)
European Biodiesel Board	EBB (B)

### ***PROJECT WEBSITE***

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<http://www.cres.gr/biodiesel>