



Project Fact Sheet

OILECO Value Chains: Fostering Public-Private Partnerships for local bio-business value chains of used cooking oils (OILECO)

Main Information

Key Action:	<i>Fostering Public-Private Partnerships for local bio-business value chains of used cooking oils.</i>
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Project's Partners	CO 1 European Consulting Brussels ECBrussels (BE) CB 2 AGROILS (IT) CB 3 ECOSOLUZIONI (IT) CB 4 National Association for the Transfer of Technologies NATT (BG) CB 5 Bay Zoltan Foundation BZAKA (HU) CB 6 Fundación de la Energía de la Comunidad de Madrid - (Regional Energy Agency of Madrid) FENERCOM (ES) CB 7 AWV (AT) CB 8 Biodiesel Technology BDT (SK)
Project's website:	Under construction
Benefits:	<i>(Please, specify the benefits of the project in one or two sentences indicating the benefits in qualitative terms and who will benefit. Do not exceed 150 characters)</i>
Keywords:	used cooking oils UCOs, value chains, local public-private partnerships, electricity, cogeneration, fuel
Duration:	30 Months. Start date July 2011 - End date January 2014
Budget:	938.037 € (EU contribution 703.524 € (75%))
Contract number:	Grant Agreement Nr: IEE/10/381/SI2.591103 OILECO

Summary (max. 1200 characters)

The project, by addressing *Intelligent Energy for Europe* Programme key actions bio-energy, local energy leadership and energy efficient transport, promotes Public-Private Partnerships (PPP) in the form of local scale ventures, to establish or consolidate Used Cooking Oils (UCOs) value chains. The OILECO project Team will be able to assist local actors by facilitating agreements and investments for:

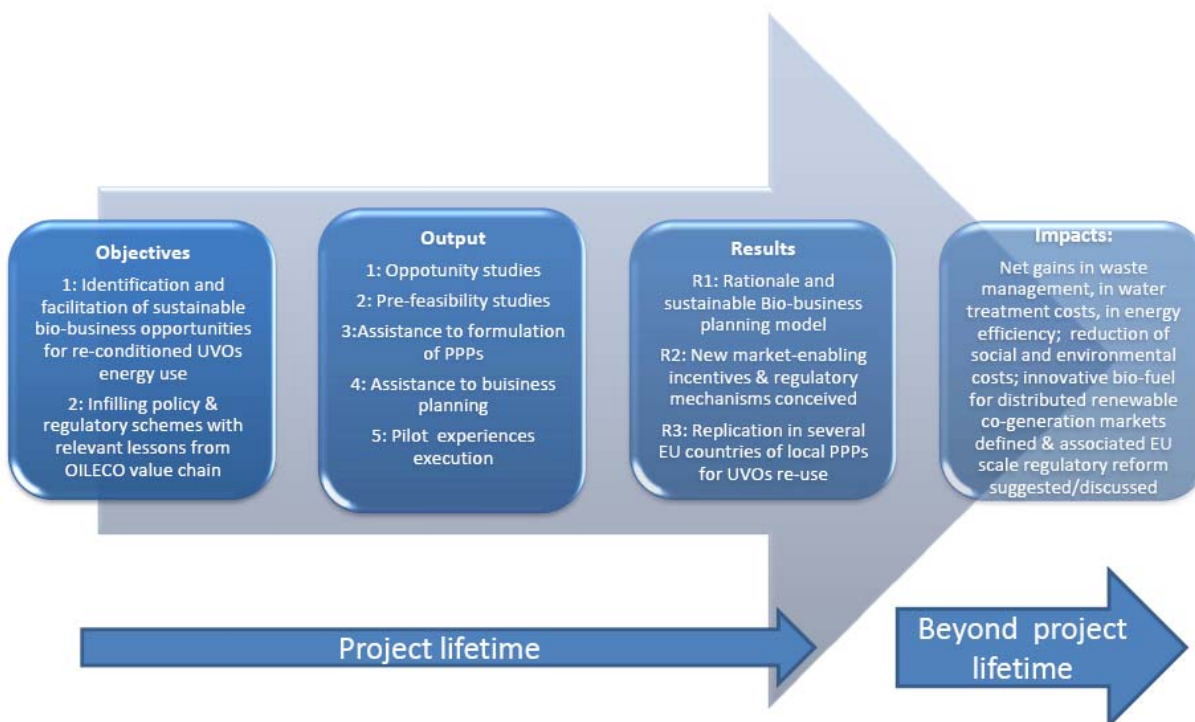
- a) the interception of the locally available UCOs;
- b) their transformation into renewable energy and energy efficiency outcomes (electricity, heat, cold, transport fuel, energy savings).

The project aim is to activate value chain investments at least in 10 sites throughout 6 participating countries (BE, BG, ES, HU, IT, SK). For such reason 36 territories will be selected and the Team will engage the local public and private stakeholders (authorizing bodies: waste-water clearing plants; municipal waste services; edible-oil consumers and distributors; UCO producers and conditioners; UCO existing and potential collectors and consumers; local banks) in a step-wise analysis and business planning approach to their sustainable bio-business initiatives. Technical “tables” with the local stakeholders will be facilitated for planning and completing the analyses of opportunities in each action-site.

In each action-site and local community fully engaged, the project’s Team will assist in drafting specific PPP agreements, each one constituting a model participatory itinerary allowing for the establishment of specific PPP valorisations of UCOs into the energy sector. The project’s Team will help the agreement’s stakeholders to business-plan the agreed value chains into “bankable” projects including operational plans, responsibilities, and reward mechanisms for each PPP member. Such assistance includes the presentation of the business plan to potential local or outside investors.

10 pilot value-chains, ex novo, or consolidating already existing ones, will take off during the project timeline. The waste UCO, constitutes a dependable and renewable resource of each inhabited territory. Straight vegetable oils or cleaned-only UCOs, have proved to operate a variety of engines (stationary or not) and furnaces, or for energy efficiency purposes (i.e. cleaned UCO used as a cooling agent to remove process heat in industrial applications). The unfortunately common disposal of UCOs into sewage systems, is a primary cause of system infrastructure damage, thus increasing significantly the maintenance costs of the latter.

The OILECO Consortium will attract the interest, participation and support of the relevant national and regional authorities to: ease and support initial efforts, provide “multiplier” opportunities, and absorb lessons from OILECO experiences to improve policy and regulatory frameworks. The project will propose: communication-, trade- and legal options to prevent UCOs consignments against payment; procedures/criteria for calculating and foreseeing maintenance costs caused by UCOs to waste-water systems; options minimizing some costs and burdens imposed on UCOs interception, and particularly onto its transport component.



Project's results (max. 500 characters per bulletpoint)

Major outputs and Results -including main quantitative result indicators:

Result 1	A minimum of ten UCO value chains, consolidated or established ex novo and functional in the energy sector (UCO-based fuels used in distributed h&p generations, and, to a lesser extent, in adapted large vehicles). And a minimum of nineteen model participatory itineraries allowing establishment of PPPs valorising UCOs in the energy sector.
Result 2	Legal, regulatory, administrative requisites for maximizing UCOs interception.
Result 3	Options for minimizing the transport component in the interception and collection of UCOs, especially those from households.
Result 4	Communication- and trade options preventing UCO consignments against payments.
Result 5	Procedures/criteria for calculating maintenance costs caused by UCOs to waste-water systems.

Lessons learnt (max. 500 characters per bulletpoint)

(You do not need to fulfil this section until the first Interim Report is ready. Afterwards please limit yourself to three most important points. None of these should exceed 500 characters.)

Lesson 1	
Lesson 2	
Lesson 3	

Last updated

13.07.2011

(Please, add the date of this version of the fact sheet, i.e.: "Last updated: 11.06.2010". That will help us to keep track of the latest one)

IMPORTANT NOTE:

- Please, attach logo as a separate .jpg-file if you decided to have one for your project.
- DO NOT send this file as a .pdf-file. For technical reasons we only accept it as a word-file.
- Please, title the file in the following way: Project acronym-year.month.doc