

Project Goal

The **purpose** of the Coordination Action Biofuel Cities European Partnerships as funded by the European Commission is to demonstrate the use of new and innovative technologies that will permit extensive use of biofuels in cities covering the complete chain from feedstock to biofuels production, distribution and utilisation in vehicle fleets.

The project aims to develop a European Partnership allowing organisations (local governments, companies, institutions, fleet owners and other stakeholders) that work on biofuels¹, or are interested to work with biofuels, to find and exchange information, find partners and start new initiatives. New and existing projects on biofuels will be invited to be part of Biofuel Cities, in order to coordinate efforts and actively contribute to reaching the targets of Directive 2003/30/EC.

The project partners together will provide a framework, called Biofuel Cities European Partnership, to enable the following processes:

- A **motivation process** that aims to: 1) raise awareness of Biofuel Cities and the topic it deals with (the application of biofuels in urban settings and/or by small- or medium scale enterprises), 2) generate interest towards this topic and 3) involve and engage people.
- A **capacity process** that aims to communicate 1) the profile of existing instruments (policies, projects, tools, etc.) and the assessment of their potential value, 2) how to utilise and profit from these instruments and the knowledge that went into them, and 3) assistance in undertaking, communicating and sustaining implementation of biofuel activities based on the assessed instruments and knowledge.

The motivation process challenges the potential users of Biofuel Cities services to develop an interest and change their behaviour by motivating them to act, whilst the capacity process helps the user to acquire knowledge and realise change by enabling them to act.

In addition to the European Partnership, the Co-ordination Action will also **assess and monitor** biofuel and projects progress and assess the local sustainable mobility policies by undertaking activities on:

- Validation of results of dissemination and awareness raising activities for biofuel initiatives among local governments, closely related to an identification of the local needs, possibilities and bottlenecks
- Independent monitoring of demonstration activities and practical project progress within cities. Based on this, the European stakeholders and the commission will be advised on the progress of the implementation of biofuels

The Biofuels Cities European Partnership aims to address three basic target groups:

- 1) **biofuel consumers**
- 2) **biofuel deliverers**, with producers and deliverers being two important subgroups
- 3) **biofuel frame-workers**

Each of these contains various sub-groups. Table 1 (next page) lists these sub-groups.

¹: This can be any part of the complete biofuel chain from feedstock to biofuels production, distribution and utilisation in vehicle fleets. It is expected that among the stakeholders there will be particular interest in higher blends of biofuels in petrol and diesel than present biofuel blends which are max 5% by volume in most European countries.

Table 1 : listing of target groups

Target group	Description	Examples
1. Feedstock providers		
1.1	Agricultural producers & cooperatives	Producers of feedstock like wheat, rape seed, sugar beet.
1.2	Industries that collect or trade feedstock for biofuels	Collection of residues like used frying oil Trade and stock of bulk products like wheat
2. Biofuel producers and distributors		
2.1	Biofuel industry & plant manufacturers	Companies producing e.g. ethanol, biodiesel, ETBE Companies making biofuel production plants
2.2	Oil industry	Oil companies that blend and distribute biofuels
2.3	Biofuel distributors	Companies specialised in logistics & supply-chain, like import and storage of palm oil or fuel ethanol and delivering to end-users
2.4	Fossil fuel distributors	Companies specialised in logistics & supply-chain of fossil fuels like diesel and petrol and delivering to end-users
3. End-users		
3.1	General public	Car owners
3.2	Industrial & commercial end-users	Commercial owners of vehicle fleets that (can) use biofuels
3.3	Local & regional governments	Public owners of vehicle fleets that (can) use biofuels. Departments, e.g. purchasers, transport, climate, energy, land-use planning, estates, environment, sustainability, ..
3.4	Agricultural end-users	Farmers and agricultural contractors owning machinery
3.5	Automobile industry	Vehicle manufacturers
4. Biofuel framework actors		
4.1	National governments & legislation	Ministries, departments, agencies, parliamentary groups
4.2	European-level bodies & legislation	EU institutions, DGs, European agencies & networks
4.3	Local & regional governments & legislation	City councils, regional administration
4.4	Finance & banking sector, investors & insurance	
4.5	Research & Development Institutes	Academic and research community, Scientists, designers, etc
4.6	Standardisation agencies	International, national
4.7	Non-governmental organisations	
4.8	Media	(Special group itself related to the other target groups, as recipient, and as multiplying provider, of information)
4.9	Associations/ Pressure groups	Sustainability and others e.g. WWF or automobile associations, municipal associations ...
4.10	General public	Important is that there is this other group – the general public/others (e.g. students, car owners at large) – i.e. these who are not our target group. However, members of these groups will approach us, and therefore constitutes a residuum group. The below-specified instruments include means to communicate with them
4.11	Other: national organisations	
4.12	Other: International organisations	

Project Partners

1. SenterNovem

SenterNovem operates as project co-ordinator, work package leader and as partner in this project. SenterNovem as intermediate agency for the Dutch Ministry for Economic Affairs is well equipped for executing programme management and co-ordination activities for various national ministries and for the European Commission. SenterNovem is experienced in executing directing activities in the field of the sustainable energy supply system, among which biomass energy and biofuels, sustainable mobility programmes, creating awareness and building capacities within local governments.

2. ICLEI

ICLEI is responsible for the involvement of local governments in this Co-ordination Action. ICLEI operates as work package leader for the building up of the network of institutional en-users (local governments, industrial and commercial parties, and as work package leader for the work package on communication, dissemination and information services. As a worldwide agency for local governments implementing sustainable development, ICLEI has long-standing experience and high reputation for developing and promoting innovative approaches to local governance for sustainable development. Their experiences of communication campaigns at a local level are a valuable contribution to this Co-ordination Action.

3. EC-BREC

EC-BREC will be responsible, together with Exergia, for developing a special approach for the Central- and South-Eastern European (CaSEE) regions. Given the strong position of EC-BREC on the field of renewable energy in the CEEC region EC-BREC is well equipped to 'bridge' and translate the experience from West to East and from North to South Europe.

4. INEM

INEM's activities will focus on involving enterprises as possible end-users of biofuels and energy efficient vehicles by

- helping leaders of proposed co-ordinated projects and initiatives to steer their activities and show their results in a way that entrepreneurs can accept them and will be willing to support the trend towards biofuels
- Activating their member associations and partners in literally every European country to join forces and to help the proposed co-ordinated projects (as well as our consortium) with their access points to enterprises. We want them to become members of the BC network and we want them to encourage their members and partners to join the BC network;
- developing easy to use tools and instruments that our members (and cities!) can distribute to enterprises in order to be incorporated into their policies and work programmes
- supporting their partners of proposed co-ordinated projects to establish role models for the co-operation on cities and enterprises in the field of biofuels
- making sure that there is a clear and unique message to the enterprise community on the use of biofuels

5. EXERGIA

Exergia will assist EC-BREC in the specific approach for the Central- and South-Eastern European (CaSEE) region in this Co-ordination Action. Exergia is specialised in policy development and support, capacity building and promotional activities. This will be of relevance to translate the experiences for the specific regional approach.

6. NEN

NEN, the Netherlands Standardisation Institute, that also holds the CEN secretariats of technical committees involved with alternative energy systems, will investigate the standardisation situation in the EU regarding fuels and alternative fuels (both stationary as well as automotive). NEN will be the

communication channel to the technical basics behind fuels standardisation and related regulations, both on EU and on member states' level.

NEN will give input to assessments on what is needed standardisation-wise by the other partners or the actual implementation projects in the cities (needs assessment). This can be identification of existing documentation, but also of barriers for projects initiated by either standards or regulations or for application of biofuels in general. At a later stage proposals can be prepared to initiate the modification of these standards and regulations. NEN will furthermore study the possibility to lay down and standardise the independent monitoring system resulting from task 3 in WP 5)

7. VITO

VITO operates as work package leader for the assessment and monitoring of biofuel projects. Vito has more than 10 years experience with emission measurements under real traffic conditions and has built up experience not only on the technical level, but also on other aspects related to the market introduction of new technologies (infrastructure, information, economics, policy, user acceptance, etc.). Due to the involvement in many EC-funded projects on biofuels, sustainable mobility and vehicle technology Vito's experience will contribute significantly to the outcomes of the Co-ordination activity