

**Project no.
EIE/05/190/S12.420028**

Bio-NETT

**Developing Local supply chain networks, linking bio-fuel producers with
public sector users**

Intelligent Energy – Europe (EIE)

Progress report n°2

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End date of the project: 31/08/08

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1. Project objectives and major achievements during the reporting period

1.1 Project objectives – *Give an overview of general project objectives, review the project's state-of-the-art*

The Bio-NETT project intends to develop a supportive framework for encouraging the growth of local markets for bio-fuels as a low carbon fuel for Local Authorities and other public sector transport fleets across the EU. Bio-NETT will enable and support attitudinal change and capacity building within public sector organisations, the agricultural sector (including young farmers and rural women) and the wider supply chain. This will help them to recognise the benefits of sustainable practices around the theme of the development and use of bio-fuels. Ultimately the project would seek to increase the supply and demand of liquid bio-fuels by creating a more integrated and cohesive market structure, linking suppliers and users through regional networking in both the urban and rural context.

- Establish local supplier networks covering the whole supply chain from growers through fuel production and distribution to public sector users;
- Build capacity within these networks through skills development and examining financial support mechanisms;
- The facilitation of at least 2 potential local transport bio-fuels projects, to include public sector organisations and suppliers in each partner regional network;
- Carry out information and awareness-raising with bio-fuels producers and public sector fleet managers;
- Evaluate the success of these networks and develop best practice in supporting local bio-fuel supply chains;
- Disseminate the results at the National and European level
- Establish a local bio-fuels information exchange and network centre in each partner region.
- The establishment of best practice framework tools for bio-fuel supply networks, which can be used as a model across partner countries.

1.2 Summary of activities and results for the reporting period – *Summarise the achievements for the reporting period, such as work performed and the main results of the period*

The work during this period has included the organisation of the 2nd Consortium meeting in Riga (which included an international training session), the organisation of steering committee meetings in each partner's regions (WP1), the enlargement of the established networks by partners for the implementation of the project (WP2), the preparation and finalisation of the Guidelines for the Thematic groups, the establishment of the thematic groups and their actual meetings (WP3), the preparation of the reference library materials, which also included the production of the training material (WP4). Both the Guidelines for thematic groups and the training materials have been circulated by CTI and NELEEAC and agreed upon by all partners.

Also, all partners have worked to improve the communication amongst them, notably with the use of an electronic platform "Moodle" (the link is: <http://learning.tippinst.ie/login/index.php>).

- **WP1: project management and co-ordination**

Two consortium meetings have been organised so far, a kick-off meeting in London and a second meeting in Riga, Latvia. Partners have thus respected the schedule (see table under *International Steering group*). During this period and between the formal meetings, the project partners have frequently communicated via e-mail, web portal and telephone to collaborate on work package progress and produce project documents.

The partners have formed their own regional steering committees which comprises key actors in the target groups. Two committee meetings have so far been held by each partner.

- **WP2: Developing networks for suppliers and users**

All Bio-NETT partners have established networks and steering committees in their respective regions to advise on and support the implementation of regional projects during the first 6 months of the project. Since then, most partners have held at least one network and one steering committee meeting, addressing specific items (this varies from region). In addition, all have actively communicated with their network (agreements have been signed).

This WP is now completed. Its development occurred mainly in phase 1 of the project. All partners have established regional and national networks during the first 6 months of the project.

- **WP3 Developing Supply Chain Thematic Groups**

During the second consortium meeting in Riga, all partners and the training consultant discussed the training needs for the networks. The Consultant presented the analysis of the training survey completed by all partners. It recognised the following points: that they should tailor information to specific audience: farmers, fleet managers. Partners agreed on the content and format of the training material to be delivered by the consultant. This material has been delivered on time.

As the Guidelines for the thematic groups were finalised, the need to have additional fact sheets for producers and distributors was identified. This was produced as a single fact sheet at the end of December 2006.

Guideline for Thematic group meetings was developed and circulated by CTI to all partners for their comments/amendments. After some amendments the guidelines were adopted as a group document.

In setting up the thematic group meetings, letters of invitation (for Farmers, Producers, Distributors and End-users thematic groups) have been produced by the Project Coordinator. Copies were sent to other partners for potential use in developing their thematic group meetings

Most partners have now established thematic groups (identification of stakeholders in each region or country and contact with them). Four thematic group meetings in total have already been organised. The other partners are working on the preparation of those meetings.

- **WP4: training and capacity building**

All partners have analysed the training needs in their region and drawn benefits from the training session held in Riga; however some partners have not organised any training sessions yet whereas some are well advanced with basic course contents prepared. Therefore WP4 is not at the same state of advancement for all partners.

- **WP5: Best Practice Tools and pilot projects implementation**

WP5 is due to start in June 2007. All partners are working on a protocol. Some have well defined pilot projects already lined up.

- **WP6: Project specific dissemination**

All partners have sub-websites organised.

Further significant improvements have been made concerning communication between partners and the share of outputs electronically through an internet tool called "Moodle", established by TEA and on which every partner is registered.

- **WP 7 Common (International) Dissemination**

All partners disseminated the project during national or international conferences and seminars.

1.3 Identified problems and corrective action taken – *If any, comment on the most important problems during the period including the corrective actions undertaken*

No major problem has been identified during this period. The main objective now is to continue the implementation of WP4 and to prepare WP5.

2. Consortium management of the period

The consortium meeting planned during the kick-off meeting did happen in Riga on the 3-4th of July 2006. All partners were represented (agenda and minutes are attached).

The project co-ordinator has kept communication active amongst partners to stimulate exchanges of advice. Partners have liaised mainly regarding Guidelines for thematic groups, groups of experts in each country, and the review of the training material (completion and assessment).

The Project Co-ordinator has actively cooperated with another bio-fuels European project: BioDieNet. BioDieNet was launched in Brussels in January 2007 as project number EIE/06/090.

PROJECT CONSORTIUM MEETINGS (*see the first progress report*)

As planned, a consortium meeting took place in Riga on the 3-4th of July 2006 and was attended by all partners (agenda and minutes are attached). Partners shared what had been done for the project during the first 6 months and developments for bio-fuels in each country.

The third consortium meeting is scheduled for the 7th and 8th of May 2007 in Vaxjo, Sweden. The meeting will allow partners to also attend the Sustainable Regions and Municipalities 2007 Conference held during the rest of the week in Vaxjo (8 to 10th of May). There will be a presentation by the Co-ordinator on Bio-NETT at the conference. ESS and the project co-ordinator are working on the agenda and the invitations for the meeting.

STEERING COMMITTEES

Steering committees were established during the first 6 months of the project in all partner regions to assist project implementation. These committees are composed of representatives from the local public authorities and farming communities involved with the management of transport fleets and bio-fuels production. Members are expected to provide expertise and knowledge, enabling the project partners to evaluate the status of bio-fuels in each region.

Regional steering committees have been organised in all partner regions to assess and assist the development of the project. Regular contact with all partners and telephone conferences were held in all regions.

INTERNATIONAL STEERING GROUP

A consortium agreement for their participation in the project and delivery of key targets in the region has been signed by all partners.

At the first meeting, all partners agreed upon the timing of the remaining consortium meetings:

Date	Country	Comments
May 2007	Sweden	3 rd meeting
Late Sep 2007	Italy	4 th meeting
Jan 2008	Ireland	5 th meeting
April 2008	Spain	Final meeting

EXECUTIVE BOARD

The second Executive Board meeting was held in Riga on 3-4th July 2006, with all work package leaders present. Another one will take place during the consortium meeting in Vaxjo where work package leaders will review the work accomplished so far.

Further Executive Board meetings are planned to coincide with Consortium meetings.

REGIONAL STEERING COMMITTEES

All partners have organised regional steering committee meetings during this reporting period.

3. Work package progress of the period for each partner for each work package

Progress on work plan against initial objectives and deviation from project work plan
Compare in a few lines activities planned to achievements made, work package by work package. Deviations from the project work plan – If any, identify the nature and the reason for the deviation, clarify impact on the activities and deliverables planned, plan to get back on track

The work plan has changed in regard to the organisation and share between WP3 and WP4. The deliverables D9 (list of useful reference documents), initially part of WP3, has been delivered by NELEEAC. This deliverable was in practice perceived as part of the training material for which NELEEAC was responsible.

Also, Work Package 4 has been brought forward (started month 5) for most partners (except for MEA) compared to what was initially scheduled (should have started month 14 only) during the first 6 months of the project so as to make Work Package 2 and 3 more efficient (see Progress Report n.1). It was felt that the collection of training material demanded more time than originally scheduled.

3.1 Partner 1, Project Coordinator: NELEEAC, United Kingdom

WP1: Project Management and Co-ordination

NELEEAC actively helped prepare the consortium meeting in Riga on the 3-4 July 2006 (by sending invitations and organising the agenda) and has circulated the minutes amongst partners thereafter. NELEEAC has also coordinated and produced the 2nd project progress report which includes collating all project partner reports and minutes of meetings. NELEEAC is now actively involved with the organising of the 3rd consortium meeting and Executive Board in Vaxjo, Sweden on the 7th May 2007.

Apart from the co-ordination and management of the project and of the communication with partners, NELEEAC has organised and hosted a 2nd regional steering committee meeting on the 25th of January 2007. This meeting was attended by Local Authorities' fleet managers, energy advisors, representatives from Transport for London, London Remade, Bio-diesel Producers, Farmers and Manufacturers (see minutes attached). NELEEAC invited the managing director of a start-up company for bio-diesel production, based in the North London area to present a summary of his activities noting the main barriers to the development of his project. This was noted as international competition for used cooking oils (UCOs) in the U.K., thereby raising collection prices to an unaffordable level.

WP2: Developing networks for suppliers and users

NELEEAC has expanded its network with three local Bio diesel producers (from UCO). We are involving them in the Bio-NETT meetings (steering committee and thematic groups) and are in the process of putting them in contact with Local Authorities.

WP3 Developing Supply Chain Thematic Groups

NELEEAC has established 4 thematic groups from a database of contacts throughout the Greater London Region in November 2006 (see the data base attached). Thematic group meetings took place on the 7th and 8th February 2007. Keynote speakers included Rupen Raithatha (expert - economist), National Farmers Union; John Bennett, Ford Motor Company; and Roger Kelly from Energy Solutions (Brent Energy Network). They were invited as to address the specific thematic issues more particularly for bio fuels end-users.

The groups identified the following current barriers to the development of the bio fuels market in the UK.

- An initial problem that he has identified is that of land availability and use as a competitor to land for food production. Growing crops for fuel requires a lot of land which competes with crops grown for food. Farmers in the EU are not adequately encouraged from growing crops for fuels.
- It was also noted that a current argument for the EU concerns the growing of crops for fuel in developing countries e.g. Africa: they receive subsidies for food production, but then if they use land to produce energy crops which tend to be used for fuels they might lose their subsidies in the long term.
- It was also pointed out that there is also the sustainability argument against shipping the fuel to Europe. There may well be long term moral concerns about encouraging this practice
- This issue led attendees to discuss the best way to expand the bio-fuels production in the UK, from crops or from UCOs. Partners suggested that a possible solution is to seek an optimum mix of both Virgin oil and UCOs as it is difficult to maintain a long term position of growing crops for fuel rather than for food at a large scale.

- Partners felt that the price paid to farmers was a key issue. The relative price of UCO collection was the key issue as continental producers were offering higher prices than UK producers due to tax breaks in Germany, Ireland and Holland.
- The use of additives in the long term should be further encouraged. With B5 there is no problem for ignition (it is widely used in the UK), but B10 might need an additive as B10 gets thicker when it is cold. There are however some reports that winter diesel additives are reacting negatively with B5 in Germany.
- Partners also commented on the potential difficulty for car manufacturers of the need to increase the storage capacity (tank). That would be a long term issue as tanks would have to be enlarged for use of B10 bio-fuels
- It was noted that current UK and European performance specifications tend to make the production of bio-fuels with UCOs difficult; car manufacturers are reluctant to make efforts with warranties for injectors.
- It was noted that there is however a recognition that bio fuels use are unavoidable in the medium term and that they should be seen to facilitate its use.

Key Lessons learnt

- The dire need to accelerate the proposed EU regulatory approval for B10 bio-diesel
- The need to put pressure on car manufacturers to in turn convince injector manufacturers to warrant B10 blends.
- Much care has to be taken when arranging bio-diesel imports from developing countries not to attract criticisms.
- Farmers have to seek alternative subsidies for farming energy crops and not just rely on EU subsidies, e.g. bio-energy capital grants from the DTI.
- Explore the potential of new (cheaper) testing methods of B5 bio-diesel made from UCOs that would satisfy EN590
- There is a potential to build new partnerships with LAs in terms of linking the collection of UCOs to meeting their recycling targets

Conclusion

Partners felt that the meeting was useful and the discussions were very robust. It was felt that there was a great potential to increase the use of bio-diesel in the UK and that there was a large amount of new capacities in the market. In particular it was noted that the new requirement of LAs to produce a sustainable transport plans and that most LAs were therefore looking to use bio-diesel to meet national targets. Partners were rather critical of manufacturers not being willing to offer sample cars to bio-diesel field trials and felt that the project should be seeking to promote this concept. All agreed that that was outside the scope of the project. The manufacturers pointed out that tests were being carried out but the results needed to be confidential for marketing purposes. Partner networking took place at the meeting with some partners agreeing to meet and discuss further business opportunities with respect to the importing of fuels from Ghana.

NELEEAC was also provided with a list of marketing and promotional opportunities for the Bio-Nett project and some partners agreed to provide a link of the project website to their own business websites. The Coordinator informed the meeting of the potential for a video to be commissioned by the EU on the project's activities and that when the details were confirmed he would be informing partners so that they would participate in its production. All present welcomed the idea.

WP 4: Training and capacity building

Overview and Background

1.Objectives for the training support

The objectives of the support work are to:

- work with the project partners to collate appropriate training material for the project;
- deliver training to the project partners to increase the level of understanding of bio-fuels and their use in vehicle fleets;
- support the design and facilitate the delivery of local training with the partners

The training is expected to both increase the level of knowledge and awareness of bio-fuels of the participants. As the base level of knowledge of the participants and stakeholders will be variable, it is likely that a workshop approach will be needed to both provide information and allow exchange of experiences. The Bio-NETT project started in January 2006 and runs for 30 months. The training work is expected to start in month 6 and run to month 24. The scheduling of the key tasks is expected to be as follows:

- collation of training material – month 6 to month 18
- delivery of partner training – month 6 to month 20
- local network training – months 6 - 24

2. Collation of suitable training material

An externally appointed training consultant would provide support to the project partners and stakeholders, especially those within the thematic groups to pull together a range of information and resources that can be used for the training workshops.

This material should include, but is not limited to:

- presentational material on key bio-fuels topics;
- workbooks or training manuals to be used at the workshops;
- case study information on experiences with bio-fuels;
- exercises to help developed practical skills with regards the use of bio-fuels;
- reference lists for further reading and knowledge gathering by the training participants;

3. Required outcomes

The formal outcomes required for the training support are:

- the delivery of a minimum of 3 workshops for training partners;
- library resource of training materials (in English);
- outline training modules for local training events and suggested training materials.

Outcomes Delivered so far in the project.

NELEEAC has maintained regular communication with the training consultants (STC) who had also been contracted for the production of the documents. The required Training materials were delivered during November-December 2006 and January 2007:

- Fact sheets (Producers-Distributors; Farmers; Fleet Operators; Policy makers and European bio-fuels policy) in view of the thematic groups meetings. They present the different types of bio-fuels to different audiences.
- Case studies (Bio-methane in Lille; Bio-diesel taxi fleet in Graz; Municipal fleet of bio-ethanol FFVs in Stockholm);
- A glossary of all terms used in the fact sheets;
- A reference library composed of 80 documents on a CD-Rom along with a hard copy index.
- Training material overview, explaining how all the fact sheets relate

A first training workshop took place during the 2nd Consortium meeting in Riga (3-4th July 2006), organised by Guy Hitchcock and Ben Lane from Sustainable Transport Solutions Ltd who had been appointed as the training/development consultants following a tendering exercise.

The training session addressed the following topics:

- National and EU legislation on bio-fuels
- Bio-diesel (production, use, economics and environment)
- Bio-ethanol (production, use, economics and environment)
- Bio-methane (production, use, economics and environment)

Each partner contributed by reviewing their respective national legislation on bio-fuels. Review of the training consultant of Bio-ethanol and Bio-methane.

(See minutes of the second Bio-NETT consortium meeting and presentations by STS attached)

A second partner training workshop is planned for May, during the 3rd Consortium meeting in Vaxjo, Sweden (7th-8th May, 2007).

WP5: Best Practice Tools and pilot projects implementation

NELEEAC has started to enquire from Local Authorities and other public sector organisations, regarding their use of bio-fuels through a questionnaire that has been sent out to fleet and transport management teams in different local authorities and other public sector organisations in the Greater London area.

A considerable number of questionnaires have been received so far and these are being analysed. Conclusions and best practices have not been drawn yet as we are hoping to identify further examples of good practice within the next two months. During the 2nd Steering Committee meeting (held on the 25th January 2007; see minutes attached), bio fuels ongoing or planned projects within Transport for London, Brent Council, Southwark Council and Richmond Council have been identified as possible pilot implementation projects.

WP6: Project specific dissemination

NELEEAC, as Project Co-ordinator, is working on completion of the distribution of a monthly project newsletter / bulletin so as to communicate recent developments regarding both the project development and the situation for bio-fuels in each country. NELEEAC is also regularly updating its Bio-NETT sub-website. NELEEAC has also participated in a number of local bio-fuel seminars to promote the Bio-NETT project.

WP 7: Common (International) Dissemination

A presentation of Bio-NETT was made at the kick off meeting of the BioDieNet project in Brussels on the 30-31 January 2007. The BioDieNet project is dedicated to encourage the use of biodiesel for road transport.

NELEEAC, as Project Co-ordinator, is also intending to participate in an international Conference on 8-10 May 2007, in Vaxjo, Sweden

Deliverables tables

Del. N°	Deliverable name	Description	Related work package N°	Date due	Actual/Forecast delivery date
D4	Coordinate invitations for the international steering committee. Collate reports/minutes of the different national project steering committee	Event organisation	WP1	Every 6 months	Completed
D6	Establishment of a regional bio-fuels network	Organisational – awareness raising event	WP2	Month 1 onwards	Completed
D8		Expert panels on bio fuels agriculture, bio fuels production, distribution issues and in vehicle use	WP3		Completed
D8	Setting up 4 thematic groups	Networking, awareness raising and training events	WP3	Month 10 onwards	Completed
D9	A list of useful reference documents, appropriate to the group	The publications are on a CD-ROM, a complete list is available on hard copy	WP3	Month 10 onwards	Completed
D27	Project presentations including slide packages and dissemination materials	Dissemination tools	WP7	Month 1 onwards	Completed

3.2 Partner 2: ANATOLIKI, Greece

WP1 project management and co-ordination

ANATOLIKI-REACM has progressed normally. In Work Package 1, a Steering Committee has been constituted. It met with all members present on the 20th of September 2006 (see minutes attached). The goals of the committee have been set and the next meeting is scheduled for April 2007.

In WP 2, a network of suppliers and users has also been formed and it has met several times already (see minutes of the meetings attached). Two local bio fuels implementation programs with local authority fleets and fuel suppliers are under consultation.

In WP 3, Thematic Groups on Agriculture, Bio fuel Production Distribution/storage and End Use in Vehicles have been developed and minutes of the meetings are described in the attached file (minutes and meetings)

In W 4, Training and Capacity Building for partners, farmers and local actors, has started but is still in the initial stage. Also, some activity regarding National dissemination (WP 6) is already under development.

See attached documentary evidence

WP2 Developing networks for suppliers and users

As mentioned above, a network of suppliers and users has also been formed and it has met several times already (see minutes attached). Two local bio fuel implementation programs with local authority fleets and fuel suppliers are under elaboration.

WP 3 Setting up the Thematic Groups

Thematic Groups on Agriculture, Bio fuel Production, Distribution/Storage and End Use in Vehicles have been formed and minutes of the meetings are described (the minutes of the meeting are attached).

WP 4 Training and capacity building

ANATOLIKI-REACM has already started and advanced through this WP as far as Training and Capacity Building for partners, farmers and local actors is concerned. Input by a project partner who is a specialist on the subject of bio fuels has been collected and a complete analysis of the national and local situation concerning legislation, cultivation of energy crops at regional level, potential and current production have been made.

WP5 Best Practice Tools and pilot projects implementation

ANATOLIKI-REACM is the WP leader, but this particular WP is scheduled to start in mid 2007

WP6 Project specific dissemination

ANATOLIKI-REACM has been involved in two national seminars on bio fuels in 2006 (see attachments) and has already been planning a number of presentations on the subject at various workshops and seminars in 2007.

WP 7: Common (International) Dissemination

ANATOLIKI S.A. presented the contents of the Bio-NETT project in an event in Forli, Italy, on June 26 & 27th, during a KOM and a conference about bio-fuels in the region of Emilia-Romagna for the launching of the INTERRWEG III B –CADSES project called “BETTER”.

3.3 Partner 3: MEA-Rousse, Bulgaria

WP2 Developing networks for suppliers and users

During this period we have focused our attention to the farmers as providers of the raw material for the biofuel production.

We have gathered information about the biggest land owners in all 8 important municipalities in Ruse region: These are Ruse, Slivo Pole, Borovo, Byala, Dve Mogili, Ivanovo, Tsenovo and Vetovo. From all that are registered officially at the Ministry of Agriculture we have selected to approach those with land over 100 dka and after that form them to choose the biggest – with land 10-30 000 dka.

We plan a joint activity with the regional office of the Agriculture Advisory Service in Ruse in order to be more useful for the farmers. The director of the Agriculture Advisory Service in Ruse- Dr.Momchilova is the leader for the TG Agriculture as well.

WP3 Setting up the thematic Group

During this phase of the project implementation we have received guidelines by the WP leader how to select and set up the thematic groups.

In September within the European Mobility week we have organized a thematic seminar in partnership with the Regional Office of the Ministry of Environment and Waters. All participants have filled in a short questionnaire to describe their field of interest and expertise. After that we have sorted the information and approached those who have mentioned their willingness to contribute to our work as members/leaders of thematic group.

Following the information, we have succeeded to identify the following leaders of thematic groups:

1. AGRICULTURE Thematic Group:

- Penka Momchilova. PhD, Regional Agriculture Advisory Service-Ruse, leader of the group

Contact Info:

6 Svoboda sqr, floor 6, office 613

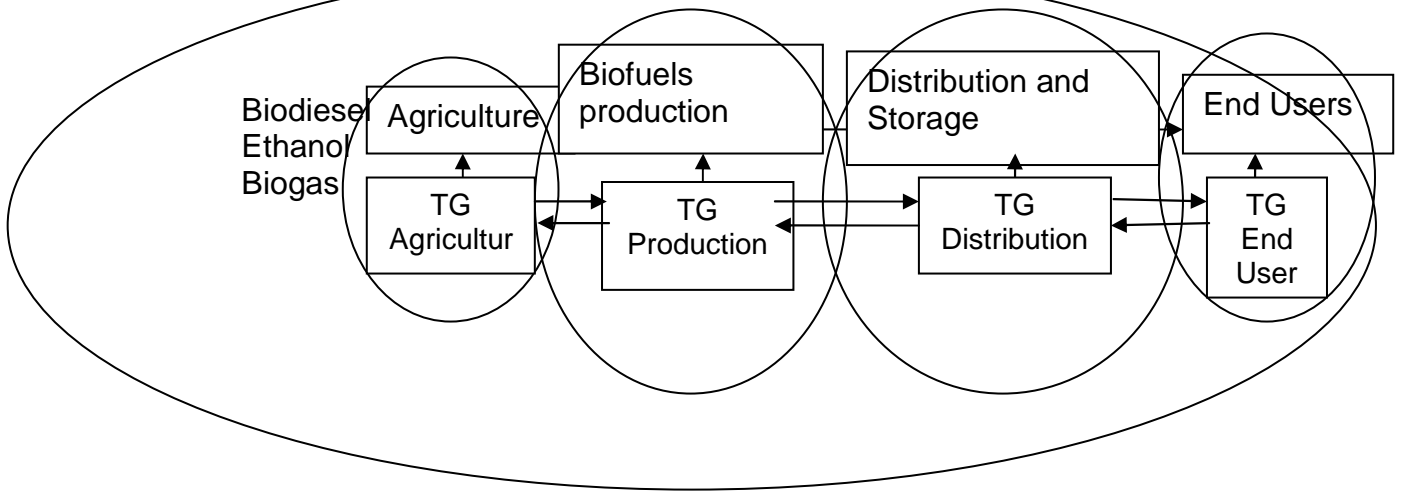
Phone: +359-82-820084

e-mail: mssz_ruse@abv.bg ; momchilova_pm@abv.bg

- Bozhidar Yankov: Senior expert: Regional Administration Office-Ruse, member
- Elena Ivanova: Municipality of Slivo Pole- expert in environment and sustainable development, member

Biofuel NETWORK

Actors and Stakeholders - Public and Private



2. Production Thematic Group

- Stanimir Todorov- chief expert at the Regional Office of the Ministry of Environment and Waters- Ruse
- Ass.Prof. Plamen Manev, Ruse University- Environment and nature protection Department;
- Milena Enimaneva- director of Secondary Professional school in Chemistry Industry and Technologies"Prof.D.Balarev"- Ruse

* This group still has no leader but we intend to include a producer with a plant in the region

3. End Users Thematic Group

- Ivan Harizanov- expert in "Public Transport"PLtd Ruse- member
- Ass.Prof. Velizara Pencheva- Dean of Transport Department in Ruse University- leader

Contact Info: 8 Studentska Street; Ruse University; phone: +359-888-293341; +359-82-888825

e-mail: ypencheva@ecs.ru.acad.bg

- Ivailo Bairakov- member
Civil Engineer; Investmashproject Ltd- Ruse;

WP 4: Training and capacity building

According to the time schedule the involvement of MEA Rouse in WP4 activities is foreseen to start in month 14.

Training for the project staff representing the partners was provided by experts from STS Network during the meeting in Riga

The project was presented during the seminar organized by MEA and the Regional Office of Environment and waters in September as part of the European Mobility Week 2006.

WP 7: Common (International) Dissemination

- 1) via MEA website: A special section at MEA-Rousse web site www.mea.bg; dedicated to MEA present project describes the main goal and partners of Bio-NETT project in Bulgarian and English:
- 2) MEA is intending to present the project during international conferences in 2007

The project summary was disseminated during the Open Days 2006 in Brussels- during the participation of Ms Stancheva at the conference.

Del. N°	Deliverable name	Description	Related work package N°	Date due	Actual delivery date
D4	Minutes from the Regional SC meeting	Minutes from the set up of the Regional SC	WP1	June 2006	08 September 2006
D4	Minutes from the Regional SC meeting	First regular meeting of the SC	WP1	December 2006	04. December 2006
D6	Minutes from the regional bio-fuel network workshop	Minutes from the regional bio-fuel network workshop	WP2	June and December	09 November 2006
D8	Setting up thematic groups	Meeting with the selected members of the TG	WP3		16 November 2006

3.4 Partner 4: ESS

WP1 Project management and co-ordination

Two local Steering Committee meetings took place, one in Kalmar on 21st of September and another one in Växjö the 23rd of November 2006.

Two Miljöfordon Syd board Meetings took place on the 12th of September in Växjö and on the 16th of November in Växjö. During the latter meeting it was decided that a working group on bio fuels production would be developed.

WP2 Developing networks for suppliers and users

Biogas Småland-Blekinge (former called Biogas Southeast)
Network meeting August the 23rd in Vimmerby.

A Member Meeting with Biogas Syd took place on the 23rd of October 2006 in Malmö

Pre-studies on biogas production in Borgholm and Ljungby have been produced. By the end of December in the phase inviting tenders for a consultant study.

WP3 Setting up the thematic Group

ESS' Thematic Groups have been set up in December 2006.

WP 4 Training and capacity building

A seminar on the 23rd of August took place in Vimmerby in cooperation with Kalmar municipality, the Regional Council of Kalmar County and ESS. The purpose was to disseminate knowledge on bio fuels production and distribution.

A seminar on the 10th of November was planned in Kalmar about clean vehicles and common regional procurement of vehicles in the public sector as a joint effort between ESS and Regional council of Kalmar County. The seminar had to be postponed until 2007 due to unforeseen technical reasons.

Together with the Rural Economy and Agricultural Society in Kalmar-Kronoberg-Blekinge, ESS planned for a study trip about good examples of biofuels production in the south of Sweden 22-23 November. Due to few applications the trip was postponed until the spring in 2007 due to technical reasons.

WP 5 Best Practice Tools and pilot projects implementation

ESS has produced feasibility studies on biogas production in Borgholm and Ljungby (see document attached). Tenders have been invited for the consultancy study.

Progress regarding performance indicators

Until the end of December performance indicators is fairly achieved.

ESS has invited experts to Thematic Groups, produced pre-studies of Biogas production in two places; Ljungby and Borgholm, which by the end of the period are to be continued by confirmative studies by technical consultants. ESS invites tenders for this.

A regional seminar in November about clean vehicles and regional procurement of vehicles and a study trip to the south of Sweden about good examples of biofuels production had to be postponed until 2007.

During the period ESS has identified 5 production biofuels plants:

Borgholm, Ljungby, Kalmar, Vimmerby and Västervik, which all are about biogas. More details about each production concept will be developed and presented gradually.

Deliverables table

Del. N°	Deliverable name	Description	Related work package N°	Date due	Actual delivery date
D6	Establishment of 10 regional biofuel networks	#1. Local Steering Committee meeting #2. development of and co-operation with Miljöfordon Syd #3. Biogas Småland-Blekinge #4. Biogas Syd,	2		#1: September 21 st 2006 November 23 rd 2006 #2: September 12 th 2006 November 16 th 2006 #3: August 23 rd 2006 #4: October 23 rd 2006
D7	Implementation of 5 New biofuel transport projects	Identification of 5 production plants: Borgholm, Ljungby, Kalmar, Vimmerby, Västervik. Pre-studies for Borgholm and Ljungby	2, 5		August November
D8	Setting up 4 Thematic Groups	Invited experts to thematic groups, from the whole biogas chain	3		December
D11	Organisation of 20-hours courses in each partner region	#1: Biogas production at farm level #2: "the future of the clean vehicle" #3: Production of Biofuel	4		#1: 2/2/2006 #2: 2/6/2006 #3: 23/8/2006

3.5 Partner 5: BAPE, Poland

WP1 project management and co-ordination

A steering committee was held on the 12th of July 2006 (see minutes and list of participants attached). It dealt mainly with general issues of the project and planned activities. Due to local elections, the next working group meeting has been postponed to the first quarter of 2007.

WP2 Developing networks for suppliers and users

The process of building one bio-fuel network:

The Pomeranian Region network of bio-fuel producers, distributor and end-user from public sector has been finalised and the network has been established.

The network aims at capacity building of BAPE, training of participants and development one/two pilot projects, with public sector transport involved.

The network includes the following partners:

- BAPE
- Pomeranian Agriculture Advisory Centre in Gdansk
- Pomeranian County in Gdansk, responsible for regional planning and implementing national energy and environment policies,
- Four regional administrations with public transport, potential partners of pilot projects (regions of: Kwidzyn, Leborg, Malborg, Nowy Dwor)
- One large bio-diesel producer and distributor (PKN ORLEN)
- One bio-fuels distributor: Polish Chamber of Liquid Fuels
- Two energy and environment agencies (Torun, Kwidzyn)
- Three consulting, engineering and developing companies (R&D Centre ENERGA, Optima Invest, Windvest Poland).

Two types of documents have been distributed to potential partners, discussed and signed by partners:

- Declarations of actors of the regional network, and
- Letters of co-operation with the members of the local steering committee

Documents have been collected by BAPE.

The local steering group consists of three organisational members:

- BAPE
- Pomeranian County in Gdansk
- Polish Chamber of Liquid Fuels

Activities within the project have been determined by three external issues:

- Local and regional election in September-October 2006,

Because of the pre- and after- election period local and regional self-governments have not been active in the project so far. This is expected to change by the next report

- New biofuels law in Poland (discussed and finally adopted at the end of 2006),
After public discussion the new law on biofuels has been finally adopted at the end of 2006. Together with secondary legislation and biofuels quality regulations this shall allow for development of biofuels production and use in transportation.

- Excise duty on biofuel changes

General reform of excise duty system has been postponed; temporary changes of excise duties on fuels mix with biocomponents share higher than 5% introduced since 1 January 2007 are not satisfactory for biofuel producers.

Activities performed in the period

The first meeting of all potential partners (*network meeting*) have been organised together with the Pomeranian County in Gdansk on 12 July 2006 and following parties were invited:

- Pomeranian Association of Rural Communes, and Agriculture Advisory Centre
- regional administrations and municipal administrators, with public transport, potential partners of pilot projects
- local administrations of rural communes, both source of biomass and potential users of biofuels
- bio-diesel producers
- bio-fuels distributors: Polish Chamber of Liquid Fuels, Chamber of Bio-fuels, local network of pump stations OKTAN
- vegetable oil producers
- companies responsible for public transport in towns

Totally 52 potential partners were invited.

Additionally invitations were distributed by mail and email, information and invitation was followed up by phone talks.

Finally 30 interested parties took part in a one-day meeting and training.

WP 3 Developing Supply Chain Thematic Groups

Activities have been primarily concentrated on the Biofuel Producers group. Bioethanol producers of different size have been identified and contacts with developers of projects have been established.

The following projects have been approached and discussed with relevant parties with the ethanol production capacity:

- network of 4 small –size distilleries of 1 million litre/a each
- modern producer of potential production of 10 million litre/a
- projected production o 100 million litre/a

For each project technological solutions have been discussed. Problems of products and waste have been identified and potential risks identified. The biggest problem is waste – by-product of the ethanol production. There is no longer possibility of discharging waste liquid to fields.

1. Network of 4 small distilleries

Contacts with network of 4 local distilleries with headquarters in Wojnowo (Bydgoszcz area) have been established.

Network distilleries have a capacity of about 1 million litre of ethanol each. Presently they produce totally about 3 million litres per year. Ethanol is delivered to secondary producers, producing bioethanol fuel.

Project is located in a big farm of 7 thousand hectares. The farm considers using liquid waste for biogas plant and production of electricity and heat in co-generation plant.

2. Distillery of 10 million litre/a capacity

The modern distillery located close to Gdansk is its increasing its production capacity from 7 to 25 million of water-free ethanol. The biggest problem is waste. There are plans to de-water and to dry liquid waste (centrifugal and thermal methods) and to use it as fertiliser.

3. Distillery of 100 million litre/a capacity

Proposed large plant is considered to be located in Starogard. Waste would be dried and burned in existing fluidised boilers of 2x 60 MW capacities. Energy and economical calculations are made to evaluate feasibility of the project

WP 4 Training and capacity building

Capacity building has been initiated by establishing the internal Bio-NETT structure within BAPE:

- The system of collecting and processing of information (in and out) related to Bio-NETT objectives has been put in operation;
- BAPE has become a member of national networks exchanging information on bio-fuels and got access to network databases;
- The content of the public sector organisation training courses has been discussed and agreed within the organisation.

Concerning network needs for the network partners initial proposals have been presented to the potential partners of the network.

Discussions with the partners of the network have been continued, including:

- Presentation of the project objectives,
- Introduction to problems of production and use of bio-fuels,
- Tasks for different project members,
- Planned schedule of activities,
- Expected outcomes from the project,
- Possibilities of financing within the new EU funding for 2007-2009 period.

Meeting on 12 July 2006, organised together with Marshal of Pomeranian Province

1. Strategy of sustainable development of the Pomeranian Province - Mieczysław Struk, Deputy Marshal of Pomeranian Province
2. Energy policy of Poland – opportunities and threats danger - Edmund Wach, BAPE
3. Biofuels strategy and implementation in the EU - Andrzej Szajner, BAPE
4. Project. „Bio-Nett” - Andrzej Szajner, BAPE

Conference on “Biofuels in Poland today and since 2007”, Gdansk Refinery - LOTOS premises

The conference was organised by the Polish Chamber for Liquid Fuels with support of Ministries of Economy and Agriculture, with BAPE being part of the organizing team. About 50 participants from Poland took an active part.

Social, technical, economical, fiscal, environmental and quality aspects of the implementation of biofuels have been presented and discussed. 10 papers have been presented.

The presentation on “Biofuels in the UE and Bio-NETT Project” has been delivered by Andrzej Szajner

Bio-NETT Project has been presented and potential contribution of parties has been discussed.

Materials prepared by the project partners on specific subjects of biofuels have been analysed, evaluated, consulted and prepared for use in local training activities.

WP 6 Project specific dissemination

All meetings and contacts have been used for dissemination of information about the project, including:

- Leaflets and information materials about the project
- Presentations promoting biofuels and demonstrating major issues linked with the implementation of EU policy and Directive on biofuels, including:
 - Development of biofuels in EU
 - Potential for development of biofuels in Poland

- Technical and environmental aspects of using biofuels
- Economical and financing problems and solutions.

Information about these subjects was distributed to all approached potential partners of the project.

Bio-Nett Project has been presented at the following events:

1. Meeting on 12 July 2006, organised together with Marshal of Pomeranian Province
2. Interviews to the local press, TV and radio on biofuels advantages and perspectives
3. Conference on “Biofuels in Poland today and since 2007”
4. Monthly bulletin of Polish Chamber of Liquid Fuels (in preparation).

Development of sub-web page and connection to the project Website has aimed at information of projects objectives, planned activities and expected outcomes. Sub-web page has been integrated with BAPE homepage and other activities presented through the Internet.

No changes to the time schedule are foreseen.

No changes to the delivery dates are foreseen

Del. N°	Deliverable name	Description	Related work package N°	Date due	Actual delivery date
D25	Setting of local sub-website	BAPE/Bio-NETT sub-website	WP6	Month 10	Finalised December 2006

3.6 Partner 6: TEA, Ireland

WP1 project management and co-ordination

In regards to the regional Steering Committee, the TEA has conducted the following action:

The Biofuels Network in Tipperary is a focused group and its operation has been designed to include the working of the Steering Committee. Also, the TEA is considering the viability of the Regional Forum given that there is due to be a National Biofuels Forum to be established by the Irish Bioenergy Association (IrBEA). The TEA is assisting in this process. Discussions with IrBEA have identified that there is considerable scope for overlap if the two forums were to continue in parallel. Therefore the TEA will work with IrBEA to provide resources to the National Forum, be a formal member of the forum and introduce appropriate information and personnel to the forum as required. This will also provide the TEA with greater scope to disseminate the results of the BioNett project throughout Ireland and also introduce training materials and other information. It will also integrate the Local Authorities into the National framework for the development of biofuels.

WP2 Developing networks for suppliers and users

The second network meeting was held on November 30th which focused on Pure Plant Oil (PPO) quality requirements concentrating on the Rape Seed itself and through the pressing process. There was also some discussion about potential issues with PPO if quality standards were not maintained which could produce a lot of issues with particulate build up in engines. There was also some discussion around the announcement from the Government of the companies who were successful in obtaining excise relief under the Biofuels Mineral Oil Tax Relief programme. A schedule for Bio-NETT meetings was rolled out for 2007 where it is planned to hold 3 network meetings.

The minutes are uploaded on the Moodle Bio-NETT web based forum.

An on-line discussion forum network is being established and is expected to be in place by September 2006.

WP 3 Developing Supply Chain Thematic Groups

Thematic groups have been developed for pure plant oil (PPO), biodiesel, and bioethanol. It has been decided to focus on PPO instead of biogas as this is the main biofuel being produced in Ireland at the moment. Biogas has not been considered as currently this is not being produced for transport use in Ireland and under current Government policy the focus is on the three biofuels listed above.

With regards to the level of expertise in Ireland the main gaps identified were expertise in the distribution of biodiesel and PPO. To date PPO is produced on a small scale and usually supplied into a local market. This is the same for the current level of biodiesel production in Ireland which is even less developed than PPO. However with the excise relief programme rolled out by the government it is envisaged that the biodiesel market will ramp up to 60 million litres/year by 2010. Where gaps have been identified in expertise it is envisaged to work with other project partners who have the expertise to address the gaps found. There have been key experts identified across each category for bioethanol but overall bioethanol is at a very early stage of development in Ireland but Maxol have started to sell bioethanol E85 blend across a number of their petrol stations and this is anticipated to increase over the next 4 years.

WP 4 Training and capacity building

TEA is a participant in the set up of the South Eastern Regional Authority (SERA) bioenergy strategy to develop and promote bioenergy in this region. The aim of this initiative is to develop a Regional Bioenergy Implementation Plan. This project will include the development and promotion of opportunities to develop biofuels.

WP 5 Best Practice Tools and pilot projects implementation

There is an ongoing project with Mid Western Regional Authority (MWRA) which covers four county and city councils to run a pilot project to convert some vehicles to PPO about 3 vehicles per council. PPO has been the fuel chosen due to its availability currently in Ireland. A vehicle survey has been carried out on each council's fleet to identify the most suitable vehicles to convert to PPO using Elsbett conversion kits who are the main market provider of PPO conversion kits. The survey results produced were presented to the MWRA along with initial quotations from conversion kit installers and PPO suppliers. The MWRA decided based on the data compiled and presented to them, in December to proceed with converting 3 vehicles in each council to run on PPO. The tendering process is now being developed and a number of options are being explored to develop ongoing contracts for the purchasing of PPO.

There is another potential project being developed with South Tipperary County Council where they have identified two 30 ton trucks they would like to convert to run on PPO. Initial feedback shows that converting these trucks to run on PPO is feasible. An initial quotation and breakdown of what is involved has been received from a conversion kit installer. This has been issued to South Tipperary County Council. They have also requested that the PPO be purchased under a long term Regional Framework Agreement and this is currently being investigated.

WP6 Project Specific Dissemination

An online web based learning tool Moodle which is used for distance learning and outreach programmes by the Tipperary Institute is being used for the dissemination of the BioNETT project. On this forum all network activities are being loaded along with a virtual library of information relating to biofuels, which includes press releases on developments within biofuels, biofuels policy developments biofuels factsheets and any other related information. Accounts have been setup for network members to access Moodle. Training has been provided to network members on using Moodle and activity on the site will be monitored.

This site can be accessed via the following link:

<http://learning.tippinst.ie/login/index.php>

Non registered users can log in as a Guest from this point.

WP 7 Common (International) Dissemination

- TEA has established Bio-Nett Web page on its web site (www.tea.ie)
- TEA has prepared project summary sheet which is provide to all those who enquire about the project. (attached with this report)

Update on the timescale

Progress as per original timetable but some training will be delayed as it will be linked to those involved in the conversion of vehicles in the relevant Local Authorities.

Deliverables table

Target group	Lead	Dissemination level**	Submission deadline***	TEA Action
Leader of work packages	NELEEEAC	CO	Month 2	Cooperating well with Project Coordinator
Partners	NELEEEAC	CO	Month 2	Cooperating well with other partners
Executive board	NELEEEAC	CO	IR every 6 months	Cooperating well with Executive Board Members
Consortium Partners meetings	NELEEEAC	CO	Meeting every 6 months. Total six times	Cooperating well with other partners
Stakeholders and potential bio fuel producers/users	NELEEEAC	PU	Month 32	Not yet required
Regional Advisory agencies, renewable energy organizations	Energikontor Sydost (ESS)	RE	6 monthly progress reports, interim report, final report	2nd Network meeting held in November 2006 with focus on Pure Plant oil production. Attended National Liquid Biofuel Forum which will be managed through the Irish Bioenergy Association.
Suppliers of biofuel, resources, local regional authorities, biofuel trade companies	Energyikonror Sydost (ESS)	PU	6 monthly progress reports, interim report, final report	Pilot project to include conversion of vehicles of the councils in the Mid Western Regional Authority (MWRA) to run on PPO. Work with South Tipperary to convert trucks to PPO. Working with the South Eastern Regional Authority (SERA) to develop a bioenergy plan for the region.

Suppliers of biofuel, resources, local regional authorities & biofuel trade companies	CTI	RE	6 monthly progress reports, interim report, final report	Thematic Groups identified across biofuels for PPO, Biodiesel and bio ethanol.
Project Partners & bio-fuel network	CTI	RE	6 monthly progress reports, interim report, final report	Using material produced by STS on biofuels. Also developing fact sheets on PPO
Potential users/ producers of bio-fuels	NELLEAC	RE	6 monthly progress reports, interim report, final report	Training material supplied by STS will be used for this purpose along with material being developed for PPO
Project Partners & bio-fuel network	NELEEAC	RRE	6 monthly progress reports, interim report, final report	This will be scheduled after the partner meeting in May
Project Partners & bio-fuel networks including potential biofuel users in each Country	NELEEAC	CO	Month 30	
Project Partners & bio-fuel networks including potential biofuel users in each Country	REACM	RE	Month 29	
Project Partners & bio-fuel networks including potential biofuel users in each Country.	REACM	RE	Month 29	
Project Partners including potential biofuel users	REACM	RE	Month 29	
Project Partners & bio-fuel networks including potential biofuel users in each Country	REACM	PU	Month 29	
Project Partners & bio-fuel networks including potential biofuel users in each Country	REACM	PU	Month 29	
Project Partners & bio-fuel networks including potential biofuel users in each Country	REACM	PU	Month 29	

Project Partners & bio-fuel networks	REACM	PU	Month 26	Following on from D7 WP2 projects being progressed with the MWRA, South Tipperary. Vehicle surveys have been completed, vehicles have been identified and each of the 4 councils has now formally signed up to the project. South Tipperary Council have identified 2 trucks they would like to convert to PPO and working on procurement strategies for fuel input into SERA strategy on the bioenergy plan for the region and in assessing the potential of the region to produce biofuel
Project Partners & bio-fuel networks including potential biofuel users in each Country	BAPE	PU	Month 30	
Project Partners & bio-fuel networks including potential biofuel users in each Country	BAPE	CO	Month 32	
Project Partners & bio-fuel networks including potential biofuel users in each Country	BAPE	PU	Month 28	
	BAPE	RE	Month 30	
Project Partners including potential biofuel users	BAPE	PU	Month 6	
Current and potential biofuel users in each Country	BAPE	PU	Month 10	
Project Partners & bio-fuel networks including potential biofuel users in each Country	MEA	CO	Month 30	
Project Partners & bio-fuel networks including potential biofuel users in each Country	MEA	PU	Month 30	

Performance indicator	Quantification	Related work package and/or deliverable N°	TEA Status
Formal agreements with Local Authorities for implementation of a bio-fuel program	5 authorities & 2 Suppliers	Work Package 2	Mid West Regional Authority Biofuel Sub Committee Established. Fleet Surveys started in North and South Tipperary County Council
Training Structure programs for promoting bio fuels and suppliers	5 days training program in each country composing 50 relevant actors(Farmers etc)	Work Package 4	
Setting up of Bio-fuel thematic groups	4 groups in each country (Agriculture, Bio-fuels production, Distribution/storage, End users i.e. Local authorities & Transport operators)	Work Package 3	
Publication of best practice tools and project documentation	500 project brochures and 100 CD –Rom per partner	Work Package 5	TEA Project Documentation Developed
Implementation of pilot bio-fuel projects	2 pilot projects	Work Package 5	
Establishing an information centre for bio-fuels	One for each country	Work Package 6	Material
Establishing an information centre for bio-fuels	One for each country	Work Package 6	Material Gathered, Technical Library Started, On-Line Section on Web under development
Production of reports describing follow up evaluation, observations and experiences of network developed for the suppliers and users	One for each country	Work Package 6	

A final project dissemination open workshop for disseminating the experience of networks, best practice tools and to facilitate future networks.	One for each country. 50 people composing of relevant actors attending.	Work Package 6	
International work shop	One work shop 75 people attending	Work Package 6	
Setting up a common website.	One website for suppliers, users and technologists to access best practice tools and courses on bio-fuels.	Work Package 6	TEA Input provided
Setting up a Sub-Website to make available the best practice tools and courses.	One for each country	Work Package 6	
Follow up questionnaire at the end of the project concerning impact of training seminars and thematic groups.	20 Questionnaires per region	Work Package 4	

Issues

The only issue which is affecting the project slightly is that there is an attempt to establish a National Biofuels Forum (lead by Teagasc). This has particularly been relevant to discussions within the local Forum/Network as it is necessary to avoid duplication. TEA is working with Teagasc to manage this issue.

There will be considerable action nationally within the next 12 months due to the recent Tax Relief programme and this will change the market for biofuels considerably.

3.7 Partner 7: RMS, Latvia

Summary of activities and results for the reporting period

WP1 project management and co-ordination

International project meeting was held in Riga, on 3-4 July. Representatives from Environment Ministry and from a Biofuel Company were invited and carried out presentations on the current situation in Latvia and the biofuel market. A steering committee has been formed and meetings held. Networks and thematic groups have been formed. There are participants from Latvian Agricultural Chamber, Union of petrol traders and producers, Latvian biofuel association, biofuel producers, individual entrepreneurs, Latvian municipality union. Negotiations between RMS and Experts were taking place as well as consultations from experts Reference materials for training needs were received. Contacts within 10 regions, where training seminars can be held, have now been set up. Sub web-site for Latvia is set up.

RMS submitted two more project proposals for Latvian Environment Protection Fund to receive co-financing for training and other activities. There were two Steering Committee meetings, one network meeting and also individual meetings with expert for consultation. Contacts with Latvian biofuel association, Fuel sellers and producers union, Latvian Investment and Development Agency and Latvian Municipal Union were also set up.

List of reference materials has been received from NELEEAC. We have also updated the list from local resource materials. Work has started for collecting information for the Course book and leaflets.

Identified problems and corrective action taken

Alternative energy is comparatively a new sphere in Latvia, and there are not many experienced experts in this field. As Latvia is a small country, we don't have experts for each separate field of bio-fuel. But there are some professional experts, who can give consultations about common situation in bio-fuel and some certain field as well.

Latvian government's budget is set up and its priorities are determined. Development of alternative energy is not included in priorities. Thereby we will have to spend more time for work with local authorities, to implement EU directives. Because of changes in government there is no responsible person for alternative energy department.

WP2 Developing networks for suppliers and users

Bio-fuel network has been established and already one meeting has happened. Themes discussed in the meeting were: biofuels development in Latvia, problems which are in the biofuels market and their possible solutions, biofuels in transport sector. Participants were from different spheres, such as: representatives from biofuels production companies, biofuels association, politicians, and representatives from other institutions.

WP3 Developing Supply Chain Thematic Groups

Thematic Groups were established. At the moment in Latvia there are several biofuels distribution companies, because of this RMS decided to merge biofuels production and distribution/storage together as one Thematic Group. Usually companies which produce bio fuel also distribute it.

Communication with appropriate Experts took place and a list of useful reference material was collated.

WP 4 Training and capacity building

Preparation for training has started. Consultation with experts has taken place regarding suitable seminar themes, regions where seminars could be held and appropriate lecturers. Contacts within 10 regions, where training seminars can be held, are set up. Materials for training are in collection. Seminar's lectures are indicated and communication with them is planned.

Context of basic course book is made. Information collection for this book was started.

WP 5 Best Practice Tools and pilot projects implementation

Nothing is made in this WP yet.

WP 6 Project specific Dissemination

RMS sub-website is completed. There is information about project and its activities, useful information, documents, process of activities.

Information for leaflets was collected.

Deviation from the project work plan for this WP is of 2 months. Contract with subcontractor was signed at November, 2006, but first payment was at January, 2007. This deviation was because of searching suitable subcontractor and development of web-site structure.

Deliverables tables:

Del. N°	Deliverable name	Description	Related work package N°	Date due	Actual/Forecast delivery date
D8	Setting Up 4 Thematic Groups	In Latvia were set 3 TG, because production and distribution is one TG	3	07.2006	11.2006
D2	Produce a list of useful reference documents, appropriate to the group		3	11.2006	11.2006
D10	Basic course book in local language	A4 size, 50-70 pages, with materials for training, case studies, demonstration kits	4	4.2007/5.2007	8.2007
D11	Organisation of 20-hour courses in each partner region. Minimum 50 participants/region	Seminars with 2 sessions in different Latvian regions	4	2.2007-11.2007	3.2008
D12	Project questionnaire for evaluation		4	2.2007-11.2007	6.2008
D13	Publishing best practice tools and project Documentation	500 project brochures and 100 CD-ROM	5	6.2007-5.2008	5.2008
D14-D19	Handbook with information	Handbook which includes general information, a list of third party finance opportunities, a list of bio-fuels strategies, publication of technology ranges and implementation, publication of sources of technical advice and information, implementation of 2 pilot bio-fuels in use projects	5	6.2007-5.2008	5.2008
D25	Setting up sub website	Information about project and its activities, useful information, documents, process of activities.	6	12.2006	10.2006

Partner 8: SWEA, United Kingdom

WP1 project management and co-ordination

SWEA attended the Bio-NETT partner meeting in Riga in July 2006 and has contributed to the second progress report. No regional steering group meetings were held during the period.

WP2: Developing networks for suppliers and users

A further network meeting of the South West Bio fuels Forum took place in December, bringing the total of network meetings held to date to two (though it should be noted that two further meetings were held before the start of the project to consult the bio fuels industry on the design of the project itself). An e-mail network for the forum is now in place, with a total of 66 members on the mailing list. This operates to provide information about forum meetings, other relevant events, information sharing and news updates.

Forum members have also drafted a paper on Bio fuels in South West England intended to promote regional activity to support the development of bio fuels. We have also met with the Regional Development Agency to discuss this paper and regional policy regarding biofuels, with a follow-up meeting arranged for January.

WP 3 Developing Supply Chain Thematic Groups

SWEA has identified a provisional list of thematic group experts as part of the project. Our first thematic group meeting (for fleet managers) was held in December, to discuss the best practice toolkit and training material.

WP 4 Training and capacity building

The majority of training activity is due to take place in future periods. However, SWEA participated in the partner training taking place at the second partner meeting in Riga and contributed to the development of the centralised training materials, through commenting on early drafts. The fleet manager training materials was also discussed at the fleet managers' thematic group.

WP 5 Best practice tools and pilot projects implementation

SWEA has been having meetings with a number of public sector organisations about potential bio fuels pilots, including:

- Working with Gloucestershire County Council to develop a biodiesel pilot. Gloucestershire Fire & Rescue services have subsequently managed to source B5 and are now using it as their bunkered fuel. Gloucs County Council have now allocated a lead officer on bio fuels, and discussions are underway regarding use of biodiesel in other council vehicles;

- The Environment Agency is piloting B22 in 100 fleet vehicles in three different locations across the UK, one of the sites being in the South West (Cornwall). Bio-NETT has offered to support them and the Environment Agency are participating fully in the forum meetings and fleet managers thematic group;
- Gloucestershire Wildlife Trust is interested in piloting the use of 100% biodiesel in their small fleet of diesel vehicles.

WP 6 Project specific dissemination

The SWEA Bio-NETT website has now been developed and is available online. We have also raised awareness of bio fuels and the project during meetings and at conferences, including chairing the Renewable Energy Association and Home Grown Cereal Association's seminar on bio fuels production.

WP 7 Common (International) Dissemination

[To our knowledge, we have not been requested by the Commission to contribute to any common dissemination activities to date, and so have nothing to report in this section.]

Deliverables table

Del. N°	Deliverable name	Description	Related work package N°	Date due	Actual delivery date
D3	Progress reports	A project office to produce effective interim report, progress reports for each of the work package groups	1	Every 6 months	Completed
D6	Networks	Establishment of 10 regional bio-fuel networks	2	6 monthly progress reports	Completed
D7 & D19	Biofuels pilots	Implementation of 2 biofuels projects (and initial contact on 5 potential pilot projects)	2 & 5	Month 26 and 6 monthly progress reports	Month 26 and 6 monthly progress reports
D8	Thematic Groups	Setting up 4 thematic groups	3	6 monthly reports	Completed
D24	Bio-NETT website	Setting up common website	6	Month 6	Completed
D25	Sub-website	Setting up sub website for each partner	6	Month 10	Completed

SWEA contribution:

- D3: SWEA has provided its contribution to the progress report deadline.
- D6: SWEA established its regional biofuels network during the first six months of the project, rather than during this last reporting period. However, we have had a further network meeting during the period.
- D7 & D19 SWEA has been having meetings with a number of public sector organisations about potential biofuels pilots. See original progress report contribution for more details.
- D8: SWEA has identified a provisional list of thematic group experts as part of the project. We held our first thematic group meeting (for fleet managers) during the period, to discuss the best practice toolkit and training material.
- D24: SWEA has contributed materials to the common website during the period (meeting papers and presentations etc)
- D25: Although SWEA's website was established during the first six months of the project, rather than this last period, the website has been updated during the period.

3.9 : Partner 9: ARGEM, Spain

WP1 project management and co-ordination

No action has been taken in regards to this WP by ARGEM during this period, except a contribution to the progress report.

WP2 Developing networks for suppliers and users

During this period we have maintained contact with several promoters of new biodiesel plants, due to be installed in our region. These new factories are:

- Repsol YPF – Acciona: Biodiesel Plant in Cartagena (200.000 tn/year from rape seed).
- Moyresa Girasol: Biodiesel Plant in Cartagena (200.000 tn/year from sunflower seed).
- Compalsa: Place not yet defined (11.000 tn/year of bio-oil)

With regard to the problems found in biodiesel quality in Spain, The Producers' Association of Renewable Energies (APPA), the Institute for the Diversification and Energy Saving (IDAE), National Energy Agency of the Department of Industry, Tourism and Trade, the Cars and Trucks Manufacturers' Spanish Association (ANFAC) and the Cars, Trucks, Buses and Motorcycles Importers' National Association (ANIACAM) have signed an agreement of collaboration to develop a quality study of the biodiesel commercialized in our country. This agreement has the aim of checking the improvement in quality of the biodiesel in the previous years.

The quality study will be developed during a period of one year and over a representative sample of fuel stations which are selling biodiesel in its three more usual form: B10, B20 and B100. In each of the fuel stations fortnightly samples will be taken and quarterly reports produced from the results obtained. The Renewable Energies National Plan 2005-2010 includes, as one of its development measures, a certification and acknowledgement of the quality standards for liquid bio fuels.

On the other hand, National Government is delaying the E85 implementation; it is noted that E05 is also finding difficulties in being accepted as a common fuel in Spain.

In respect of users, we are hoping to sign an agreement with the Regional Administration Vehicle Fleet (more than 400 vehicles), for the use of biodiesel as a base fuel (B10 or B20). In Cartagena, the harbour touristic cruise is also interested in using biodiesel as fuel.

As far as agriculture is concerned, numerous farmers of the region are considering dedicating part of their 60.000 hectares of cereal to the biofuel production. Their involvement would depend on the grants they may receive from the PAC and its compatibility with their normal production.

WP3 Setting up the Thematic Groups

We are negotiating to set up thematic groups in the next quarter

WP 4 Training and capacity building

Bio-NETT project was presented to several interested people at the following events:

- Environmental Management Seminar: Rational Use of Energy in farms. 20th June 2006
- III Seminar about climate change. 26th September 2006
- Rural Sustainable Development Conference. 11th October 2006
- Renewals Energies Consulter Course. Octobre 2006
- II Renewals Energies Regional Conference. 23rd November 2006

WP 6 Project specific dissemination

The sub-website for ARGEM is in preparation

WP 7 Common (International) Dissemination

A Spanish web-site is being developed in order to contribute to Common Dissemination. In some ways, the presentations described in the WP4 also have served to spread information about the project.

There are no changes into our time schedule.

There are no changes into our list of deliverables.

Del. N°	Deliverable name	Description	Related work package N°	Date due	Actual delivery date
D25	Setting up a partner sub-website	A sub-website	WP6	Month 10	Completed

3.10 Partner 10: CTI, Italy

WP1 project management and co-ordination

The first Italian steering committee meeting was held on the 21st of November 2006 at the end of a meeting relevant to the implementation of the pilot project "1000 ha di soia". Regione Lombardia, Unione produttori Biodiesel and CTI attended the meeting (see attached the participant list of the main meeting with the signature of Regione Lombardia and Unione Produttori Biodiesel as well as the minutes).

WP2 Developing networks for suppliers and users

CTI is continuing to approach stakeholders and potential users with the object of creating a panel of people, organisations and public bodies interested in bio fuels. There are difficulties in organising a forum with each part of the bio fuel chain due to the different interests of each component. However, we aim to achieve a common level of awareness and knowledge by working with separate groups. In this way it should be possible to co-ordinate a meeting al all stakeholders as the next step of project activity.

Some potential users are already in contact with CTI due to past common projects at national level - predominantly from Industry and the public sector. Some problems arose with Farmers Associations, who are wary about technical innovations and new challenges, but the new European Agricultural Politics and the national/ European legislation on bio fuels could help us to achieve the goal of gather them round the Bio-NETT table.

Currently CTI is cooperating or, at least, in contact with:

Local and Regional Authorities: Lombardy Region, Piedmont Region, Parco Lombardo Valle del Ticino, Navigli Lombardi SCARL

Petrol fuel and biofuel companies: Unione Petrolifera, Assitol, Assobiodiesel, Unione Produttori di Biodiesel, Fox Petroli, Novaol, Rettagliata spa (fuel and biofuel suppliers in the hinterland of Milan)

Research bodies and private associations: CTI, Technical University of Marche – Department of Applied Sciences to Complex Systems, ITABIA – Italian Biomass Association, member of Aebiom

Farmer associations: CIA – Confederazione italiana agricoltori, Coldiretti, Confagricoltura

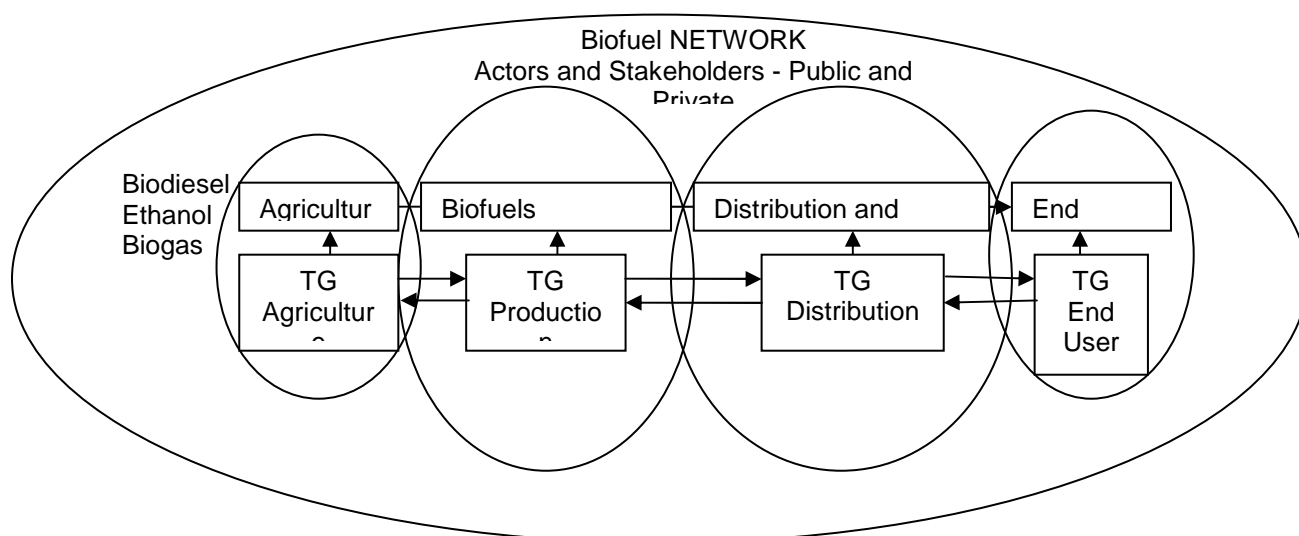
Consumer associations and citizens associations: Amici del biodiesel (Trento)

WP3 Developing Supply Chain Thematic Groups

In December 2006, CTI finalized a new version of the Guidelines for Thematic Groups (see Guidelines attached). The Guidelines, agreed with the Project Coordinator were circulated to all Bio-NETT's partners in order to start with TG implementation (see annex).

The expert lists are still to be circulated amongst partners, which will be done shortly. By the end of January 2007 the first step of WP3 should therefore be closed and the entire thematic groups defined.

The Guidelines focus on TG activities within the project framework as the following picture shows in detail:



WP 4 Training and capacity building

Concerning WP4, CTI has organised a training session using training materials drafted by the training consultant.

Training materials suitable for a general approach to biofuels are complete, but CTI feels that they should be more tailored for the local situation, with more specific national details rather than covering the European situation in general.

The impression received by CTI is that people who attended the training sessions were not so interested in the average European situation. Attendees like to know about national situation, national laws, and national crop yield. Fortunately CTI implemented the Italian training materials with some national facts (see slides in annex). However this may be an Italian problem only since in Italy biodiesel is well known, while ethanol is far from being a market production and that biomethane is not sustainable because of the high price of raw materials.

WP 5 Best practice tools and pilot projects implementation

CTI has started two pilot projects both relevant to the use of soybean biodiesel. Another project is currently in a very early stage.

Project 1: 1000 ha of soybean biodiesel for navigation on the Navigli di Leonardo da Vinci. The region of Lombardy is very interested in the implementation of a real biodiesel chain from crop to boat. The aim is to grow Soy crop on 1000 hectares of agricultural land along the Navigli of Leonardo da Vinci in the hinterland of Milan. Approximately 1000 tons of biodiesel will be produced from soybean for fuelling a public tourist boat fleet sailing on the Navigli.

The agreement is going to be signed by all the actors involved. Several meetings have been held to draft the scheme of the project and the actions that each partner shall carry on. Partner of the project are:

- Lombardy region
- Navigli Lombardi SCARL - Coordinator
- Consorzio Agrario di Milano e Lodi – Agricultural body
- Associazione produttori di biodiesel – Association of biodiesel producers
- Comitato termotecnico italiano – CTI Energy and Environment
-

Project 2: Biodiesel for Parco del Ticino. Within a regional natural park (Parco Lombardo della valle del Ticino) very close to Milan, soybean will be produced for fuelling a public coach fleet and a fleet of jeeps used by park rangers. Parco del Ticino signed a contract with a bio fuel deliverer. The distributor will supply a Biodiesel filling station for the cars fleet of the Parco del Ticino.

Project 3: Biodiesel for Trent Province. With the help of a local citizens association, a working bio fuels forum will be established. The forum will promote the use of biodiesel within the Province of Trent.

WP 6 Project specific dissemination

CTI has developed a national sub-website (http://www.cti2000.it/Bionett_ita.htm), the website deals with the aim of the project, the timesheet, the deliverables plan, a brief description of each partner with links to their website and main contacts. New sections with national deliverables and news from national projects will be frequently updated.

WP 7 Common (International) Dissemination

CTI has made presentations on biofuels in several national meetings and conferences; moreover CTI has made a liaison with another IEE project: WISE-PLANS - Co-operation between communities for Energy Action Plans. The project deals with Sustainable Energy Communities and a crucial part of the work is focused on sustainable mobility. The aim of the liaison is to promote biofuels' use within the area on which the sustainable energy action plan is being developed.

CTI produced a leaflet for the presentation of Bio-NETT project during meetings and conferences (see information sheet in annex).

All the materials and documents developed for Bio-NETT promotion are uploaded to the Italian Bio-Nett Web site.

Deliverables table

Del. N°	Deliverable name	Description	Related work package N°	Date due	Actual delivery date
D6	Establishment of 10 regional network	Organisational	WP2	6 Monthly report	Done and continuously updated
D7	Implementation of 5 projects	Organisational	WP2	6 Monthly report	2 projects ongoing
D8	Setting UP 4 TG	Guidelines for TG setting up	WP3	6 monthly PR	Done, December 2006
D9	List of useful reference documents	Publication	WP3	6 monthly PR	Done
D10	Basic course book in local language	Publications	WP4	6 monthly PR	Done
D11	20 hours courses	Training	WP4	6 monthly	Done, 3 hours for 20 persons
D12	Project questionnaire	Data gathering	WP4	Month 30	On translation
D25	Setting up web-site	Dissemination activities	WP6	Month 10	Done, and continuously updated

4. Update of time schedule

(Insert pdf)

There are no changes with respect to the performance indicators of the project as the project is currently meeting all of its key objectives.

Project Phase (Colour Coded)	[Hatched]											[Hatched]											[Hatched]											[Hatched]										
Duration of the project (in months)	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30														
WP 1: Project Management and Co-ordination (NELEEC)	[Hatched]																																											
WP 2: Developing networks for suppliers and users (ESS)	[Hatched]				[Hatched]				[Hatched]				[Hatched]				[Hatched]				[Hatched]				[Hatched]																			
WP3: Setting up the Thematic Groups (CTI)	[Hatched]										[Hatched]										[Hatched]																							
WP4: Training and capacity building (NELEEC)	[Hatched]				[Hatched]				[Hatched]				[Hatched]				[Hatched]				[Hatched]				[Hatched]																			
WP 5: Best Practice Tools and pilot projects implementation (REACM)	[Hatched]																	[Hatched]																										
WP6: Project specific (National) Dissemination (BAPE)	[Hatched]																																											
WP7: Common (International) Dissemination (MEA)	[Hatched]																																											
Project meetings	X						X						X							X					X					X														
Project reports to EC					PR							PR							IR							PR																		
Project deliverables	D1	D2	D3	D4	D5	D6	D7	D8	D9	D10	D11	D12	D13	D14	D15	D16	D17	D18	D19	D20	D21	D22	D23	D24	D25	D26	D27	D28	D29	D30														

5- Other issues

There are no issues to be reported

6- Annexes

6.1 Annex 1 to the progress report: Overview on the current status of deliverables based on the List of Deliverables

List of Deliverables

DELIVERABLE N°	WORK PACKAGE N°	DELIVERABLE NAME	TYPE OF DELIVERABLE	TARGET GROUP	LEAD PARTICIPANT	SUBMISSION DEADLINE	STATUS
D1	1	A project hand book providing list of partners, project plan, document and reporting templates.	CD ROM	Leader of work packages	NELEEAC	Month 2	COMPLETED
D2	1	A consortium agreement with key actors for their participation in the project and for the delivery of the key targets in each region	Other	Partners	NELEEAC	Month 2	COMPLETED
D3	1	A project office to produce effective interim report, progress reports for each of the work package groups.	Other	Executive board	NELEEAC	IR every 6 months	COMPLETED
D4	1	Coordinate invitations for the international steering committee. Collate report/minutes of the different national project steering committee.	Event	Partners	NELEEAC	Meeting every 6 months. Total six times	COMPLETED
D5	1	Final Report	Publication	Stakeholders and potential bio fuel producers/users	NELEEAC	Month 32	Not yet required
D6	2	Establishment of 10 Regional bio-fuel networks	Organisational	Regional Advisory agencies, renewable energy organisations	Energikontor Sydost (ESS)	6 monthly progress reports, interim report, final report	COMPLETED

DELIVERABLE N°	WORK PACKAGE N°	DELIVERABLE NAME	TYPE OF DELIVERABLE	TARGET GROUP	LEAD PARTICIPANT	SUBMISSION DEADLINE***	DISSEMINATION LEVEL**
D7	2	Implementation of 5 new bio-fuels transport projects	All partners to ensure the use of bio-fuels	Suppliers of biofuel resources, Local/regional authorities. Bio-fuel trade Companies.	Energyikonror Sydost (ESS)	6 monthly progress reports, interim report, final report	IN PROGRESS
D8	3	Setting Up 4 Thematic Groups	Awareness raising and	Suppliers of biofuel resources, Local/regional authorities. Bio-fuel trade Companies	CTI	6 monthly progress reports, interim report, final report	COMPLETED
D9	3	Produce a list of useful reference documents, appropriate to the group	publications	Project Partners & bio-fuel network	CTI	6 monthly progress reports, interim report, final report	COMPLETED
D10	4	Basic course book in local language	Publication	Potential users/ producers of bio-fuels	NELEEAC	6 monthly progress reports, interim report, final report	IN PROGRESS
D11	4	Organisation of 20-hour courses in each partner region. Minimum 50 participants/region.	Training of producers and users on the transport implications of producing/using biofuels	Project Partners & bio-fuel network	NELEEAC	6 monthly progress reports, interim report, final report	IN PROGRESS

DELIVERABLE N°	WORK PACKAGE N°	DELIVERABLE NAME	TYPE OF DELIVERABLE	TARGET GROUP	LEAD PARTICIPANT	SUBMISSION DEADLINE	ACTUAL/FORECAST DELIVERY DATE
D12	4	Project questionnaire for evaluation	Data gathering	Project Partners & bio-fuel networks including potential biofuel users in each Country	NELEEAC	Month Month 30	COMPLETED
D13	5	Publishing best practice tools and project documentation	Publication	Project Partners & bio-fuel networks including potential biofuel users in each Country	REACM	Month 29	NO CHANGE
D14	5	A general information folder booklet in hard copy and PDF-file	Publication	Project Partners & bio-fuel networks including potential biofuels users in each Country .	REACM	Month 29	NO CHANGE
D15	5	A list of Third Party Finance opportunities	Publication	Project Partners including potential biofuel users	REACM	Month 29	NO CHANGE
D16	5	A List of Bio-fuel strategies	Publication	Project Partners & bio-fuel networks including potential biofuel users in each Country	REACM	Month 29	NO CHANGE
D17	5	Publication of Technology ranges and implementation.	Publication	Project Partners & bio-fuel networks including potential biofuel users in each Country	REACM	Month 29	NO CHANGE

DELIVERABLE N°	WORK PACKAGE N°	DELIVERABLE NAME	TYPE OF DELIVERABLE	TARGET GROUP	LEAD PARTICIPANT	SUBMISSION DEADLINE***	DISSEMINATION LEVEL**
D18	5	Publication of sources of technical advice and information	Publication	Project Partners & bio-fuel networks including potential biofuels users in each Country	REACM	Month 29	NO CHANGE
D19	5	Implementation of 2 pilot bio-fuels in use projects	Publication	Project Partners & bio-fuel networks	REACM	Month 26	NO CHANGE
D20	6	Establishing Regional bio-fuels information exchange Centre	Advice resource	Project Partners & bio-fuel networks including potential biofuels users in each Country	BAPE	Month 30	NO CHANGE
D21	6	Report describing follow-up evaluation, observations and experiences of networks developed for suppliers and users	Publication	Project Partners & bio-fuel networks including potential biofuels users in each Country	BAPE	Month 32	NO CHANGE
D22	6	One final project dissemination open workshop	Open Workshop	Project Partners & bio-fuel networks including potential biofuels users in each Country	BAPE	Month 28	NO CHANGE
D23	6	Organisation of international workshop To disseminate the experience of networks, best practice tools	Open Workshop	Project Partners & bio-fuel networks including potential biofuels users in each Country	BAPE	Month 30	NO CHANGE

DELIVERABLE N°	WORK PACKAGE N°	DELIVERABLE NAME	TYPE OF DELIVERABLE	TARGET GROUP	LEAD PARTICIPANT	SUBMISSION DEADLINE***	DISSEMINATION LEVEL**
D24	6	Setting up common website	A website	Project Partners including potential biofuels users	BAPE	Month 6	COMPLETED
D25	6	Setting Up Sub- website for each partner	A Sub-website	Current and potential biofuels users in each Country	BAPE	Month 10	COMPLETED
D26	7	Abstracts including regular updates	Dissemination Tools	Project Partners & bio-fuel networks including potential biofuels users in each Country	MEA	Month 30	NO CHANGE
D27	7	Project presentations including slide packages, written abstracts, posters, dissemination material etc	Dissemination Tools	Project Partners & bio-fuel networks including potential biofuels users in each Country	MEA	Month 30	IN PROGRESS

6.2 Annex 2 to the progress report: Overview table on the state of advancement (in %) of the budget expenditure per partner and per work package

Work packages	Actual/Planned Achievement	Total Partners	Partner 1 NELEEAC	Partner 2 ANATOLIKI	Partner 3 MEA	Partner 4 ESS	Partner 5 BAPE	Partner 6 TEA
WP 1:	Actual Planned	43,44% 37,5%	37,5%	69,6%	27%	40%	27,53%	42%
WP 2:	Actual Planned	40,9% 100%	70%	56,2%	7,31%	51%	25,08%	23%
WP 3:	Actual Planned	29,79% 100%	70%	16,4%	22%	23%	20,12%	5%
WP 4:	Actual Planned	16,9% 30%	40%	8,6%	6,65%	30%	34,30%	13%
WP 5:	Actual Planned	10,4% 0%	20%	0%	0%	21%	0%	57%
WP 6:	Actual Planned	15,88% 10%	30%	30%	10%	5%	50,68%	12%
WP 7:	Actual Planned	16,65% 37,5%	30%	15%	23,8%	0%	33,69%	20%
Total Project	Actual Planned	24,85% 45%	42,5%	27,9%	13,82%	24,28%	27,34%	24,57%

Work package	Actual/Planned Achievement	Partner 7 RMS	Partner 8 SWEA	Partner 9 ARGEM	Partner 10 CTI
WP 1:	Actual Planned 37,5%	50%	29%	30%	47%
WP 2:	Actual Planned 100%	70%	47%	25%	50%
WP 3:	Actual Planned 60%	50%	25%	18,4%	70%
WP 4:	Actual Planned 30%	15%	8%	28,8%	20%
WP 5:	Actual Planned 10%	0%	6%	0%	10%
WP 6:	Actual Planned 20%	30%	10%	48,2%	10%
WP 7:	Actual Planned 37,5%	0%	0%	30%	15%
Total Project		30,70%	17,85%	25,77%	31,71%

6.3 Annex 3: Maps, drawings, technical designs, technical memos etc. as appropriate.

WP1

- NELEEAC: Agenda, minutes and presentations held during project meeting in Riga 3-4th July 2006
- NELEEAC: Minutes of Steering Committee 25th January 2007
- ANATOLIKI: Minutes of the Steering Committee meeting of 12/09/2006 and of 20/09/2006
- ESS: Minutes of the local steering committee meeting of 21/09/2006
- ESS: Minutes of the local steering committee meeting of 23/11/2006
- BAPE: Agenda of the steering group (12/07/2006) and list of attendees
- RMS: Minutes of the regional steering committee meeting of 24/07/2006
- RMS: Minutes of the regional steering committee meeting of 27/11/2006
- CTI: 21/11/2006 Steering committee list of attendees
- CTI: Minutes of Steering committee meeting of 21/11/2006

WP2

- NELEEAC: Presentation made at the network meeting of 28/09/2006
- ESS: Invitation and agenda for the network meeting of 23/08/2006
- ESS: Minutes of the network meeting of 23/08/2006
- BAPE: Presentations made during the network meeting in Gdansk on the 12/07/2006
- RMS: Minutes of the project network meeting of 27/11/2006
- TEA: Agenda, list of attendees and minutes of the network meeting (30/11/2006)
- ARGEM: Press release related to the agreement of collaboration signed between APPA, IDEA, ANFAC and ANIACAM

WP3

- NELEEAC: Experts list
- NELEEAC: presentation for the preparation of the training material (in cooperation with Sustainable Transport Solutions Ltd)
- NELEEAC: Training material
 - 3 audience-targeted fact sheets (farmers, producers-distributors, fleet Managers)
 - A policy makers fact sheet
 - A European biofuels policy fact sheet
 - 3 case studies (biodiesel, bio-methane, bioethanol)
 - A training material toolkit
 - A biofuels glossary
 - A reference library index

- NELEEAC: Minutes of the thematic group meeting of 08/02/2007
- SWEA: Experts list
- CTI: Guidelines for Thematic Groups

WP4

- NELEEAC: Presentations made during the training session at Riga (by Sustainable Transport Solutions)
- NELEEAC: Letter of invitation for the thematic groups meetings (as a sample, the End-users invitation letter)
- NELEEAC: Presentation for the thematic groups meetings
- ANATOLIKI: Agenda, invitation and presentation for the workshop of 3-4/11/2006
- TEA: Information sheet on SERA
- ARGEM: Presentation made during several seminars and conferences
- CTI: Slides from training material explaining the national situation in regards to biofuels

WP5

- NELEEAC: Questionnaire sent to fleet managers as a preparation for the pilot projects

WP6

- ANATOLIKI: Presentation for dissemination activity
- ESS: Feasibility study of production of biomethane in Borgholm (28/11/2006)
- BAPE: Information sheet for the conference “Biofuels in Poland today since 2007” of 18/10/2006
- ARGEM: Conference leaflet of 27-28/04/2006
- CTI: Information sheet on Bio-NETT used for external meetings

7. Update of the publishable 1-2 page summary to be included in the publicly accessible project database of the Commission (IntelIEBase, <http://europa.eu.int/comm/energy/iebase/introduction.cfm>)

Please see attached up-date on the publishable 1-2 page summary of your project and send a separate electronic version of this text.

Achieved results:

- The establishment of regional steering committees
- Promotion of the Bio-NETT project at national and international conferences
- the organisation of 2 steering committee meetings in most partner's regions
- The establishment of 10 regional bio-fuel networks to support the development of the local supply and use of bio-fuels;
- The setting up of bio-fuels thematic groups on: Agriculture; Bio-fuels production; Distribution/ Storage; End use in vehicles, to evaluate and develop strategies for overcoming barriers to the production and use of bio-fuels ;
- The production of a comprehensive training toolkit (audience-related fact sheets, Bio-fuels fact sheets, reference library, glossary);
- One International bio-fuel training schedule completed for partner agencies

Further expected results (work in progress):

- The implementation of 5 new bio-fuels transport projects to include 3 public sector organisations. This would represent a potential carbon dioxide emission reduction of 1,500 Tonnes of CO₂/Yr;
- The organisation of awareness raising and network best practice training programmes for promoting bio-fuels use for users and suppliers, composed by a 5 days training programme in each country / region, with a minimum of 50 participants per region;
- The organization of an international workshop to disseminate the experience of networks and best practice tools;
- Publication of best practice tools and project documentation; number of tools distributed to the target groups: 500 project brochures and 100 CD-ROM per partners establishing a bio-fuels information exchange centre.

Lessons learnt

- The dire need to accelerate the proposed EU regulatory approval for B10 bio-diesel
- The need to put pressure on car manufacturers to in turn convince injector manufacturers to warrant B10 blends.

- Much care has to be taken when arranging bio-diesel imports from developing countries not to attract criticisms.
- Farmers have to seek alternative subsidies for farming energy crops and not just rely on EU subsidies, e.g. bio-energy capital grants from the DTI.
- Explore the potential of new (cheaper) testing methods of B5 bio-diesel made from UCOs that would satisfy EN590
- There is a potential to build new partnerships with LAs in terms of linking the collection of UCOs to meeting their recycling targets

See electronic version attached

8. Update of the summary slides

Please update the summary slides of your project with your achievements made so far and send a separate electronic version of this text.

See related document attached