

Project: BiG>East
(EIE/07/214)

TRAINING COURSES
Summary

D5.1- COURSE SYLABUS
D5.5 – DOCUMENTATION AND EVALUATION
D5.6 – STRATEGY FOR FOLLOW UP ACTIVITIES



Dr. Augustin Ofiteru

Mangus Sol

Date: March 2010

With the support of:



TECHNICAL TRAINING IN BIOGAS

CONTENT:

BUCHAREST 13-14 APRIL 2009	3
BUZAU- 8-9 DECEMBRIE 2009	6
PLOIESTI 10-11 FEBRUARIE 2010	12
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This is an integrated report for several deliverables already mentioned in the title of the report: D5.1. Course syllabus; D5.5 – Documentation and evaluation of the courses and mobilization; D5.6 – Strategy for follow up activities.

The reason behind this is just to present in a coherent and integrated form several deliverables that have strong connections.

Three courses were held on biogas technology in three localities identified as having potential regarding biogas production on the one hand and on the other hand, these are places where case studies were established. The villages targeted were: Bucharest, Buzau and Ploiesti.

BUCHAREST 13-14 APRIL 2009

The first course was held during 13-14 April 2009 in Bucharest. The course was organized by SC Mangus Sol, with support from Floyd Advertising Design & Consulting Ltd, under BiG> East - Biogas for Eastern Europe, after the following program:

9.30 - 10.00 Reception and registration of participants (Mangus & Floyd)• Coffee, refreshments, etc..

10.00 - 10.45 Opening (Mangus)

- Project BiG> Western: Promotion of Biogas in Eastern Europe - Mobilization campaign and courses for farmers (Dr. Augustin Ofiteru);

- Introduction of the course, presentation of the students and lecturers.

10.45 - 13.00 Concepts related to the production of biogas - 2009

- What is biogas, how and from what is produced? (Dr. Augustin Ofiteru);

- Biological processes involved in the production of biogas (Dr. Augustin Ofiteru);

- Brief overview of biogas production situation in the world and in Europe (Dr. Teodorita Al Seadi);

- Biogas in agriculture: concepts and technologies in Denmark (Dr. Teodorita Al Seadi);

- Why is biogas production interesting for farmers and investors: Benefits and opportunities (Dr. Teodorita Al Seadi);

- About biogas Romanian (Prof. Dr. Nicolici Vasile);

13.00 - 14.30 Lunch break

14.30 - 16.00 How to build and operate a biogas plant

- Planning phase (Dr. Teodorita Al Seadi);
- Phase Financing (Dr. Mihai Adamescu): funding opportunities in Romania, national and European funding programs;
- Phase implementation and exercise pre-calculation of the theoretical production of biogas using a calculation model Danish (Dr. Teodorita Al Seadi).

16.00 - 16.15 Coffee break

16.15 - 16.45 Practical applications

- Financial aspects of biogas production and practical example of cost calculation - calculation model "Big East" (Dr. Mihai Adamescu)

16.45 - 17.15 Conclusions of Day

Presentations in PowerPoint format (which can be accessed through appropriate links) were supported by:

1. Dr. Teodorita Al Seadi, Principal Scientist, Centre for Bio energy, University of Southern Denmark
2. Ing. Nikolić Vasile, Institutul de Cercetări Alimentare, București
3. Dr. Augustin Ofițeru, Principal scientist Mangus Sol, București
4. Dr. Mihai Adamescu, Principal scientist Principal Mangus Sol, București

Participants:

Nr. crt.	Full name	Organization
1.	Albu Florea	3A COMMERCIAL COMPANY
2.	Angheluta Daniel	NAVIGAL IMPEX
3.	Badoiu Octavian	STATIUNEA "DULBANU"
4.	Boicu Roxana	EPC PROIECTE
5.	Cirjan Elene	ALLCERT SYSTEMS
6.	Buzdugan Rodica	CHIMINFORM DATA

7.	Deaca Alina	ALLCERT SYSTEMS
8.	Tudor Leonard	TRINERGI GRUP
9.	Lohin Ana	FLOYD AD&C
10.	Marinache Costel	IZOCON MC
11.	Pescaru Monica	ALLCERT SYSTEMS
12.	Rusitoru Alexandra	EPC CONSULTANTA
13.	Vesteman Ioan	IZOCON MC

Materials distributed to the participants:

- Course agenda – printed form;
- Biogas in Eastern Europe - Mobilization campaign and courses for farmers (Dr. Augustin Ofiteru) – printed form PowerPoint slides;
- Course in biogas technology: What is biogas, how and from what is produced? Biological processes involved in the production of biogas (Dr. Augustin Ofiteru) – printed form PowerPoint slides;
- Financial aspects of biogas production in Romania - and practical example of cost calculation - calculation model "Big East" (Dr. Michael Adamescu) - print PowerPoint slides;
- Questionnaire for the training assessment – printed form;
- CD course - in electronic files: Agenda_of_biogas_training_Bucharest.doc, BigEast_Econo_Check.xls, Handbook FINAL.pdf Biogas, Biogas Handbook en.pdf FINAL, Deliverable_6_3-Final report-Romania.pdf, Leaflet_BiG-East_20071012.pdf, Folder Big East Romanian . pdf Task_3_1_Assesment_of_Policies_Romania.pdf, Task_3_2_Report_on_barriers_Romania.pdf, 2.3_Final report.pdf Task WP2, WP2 Task 2.4_Final report.pdf, WP6_Site_Selection_Strategy_final_20080404.pdf, financial aspects of the production of biogas in Romania.ppt (Dr. Mihai Adamescu), 01 project Big East.ppt (Dr. Augustin Ofiteru), 02 Biogazul.ppt (Dr. Augustin Ofiteru) Ppt0000002.ppt, Ppt0000002RO.ppt (Teodorita Al Seadi) Ppt0000003.ppt, Ppt0000003RO.ppt (Teodorita Al Seadi) Ppt0000004.ppt, Ppt0000004RO.ppt (Teodorita Al Seadi).

Analysis of evaluation questionnaires revealed the following:

- 1) Finding information about courses: personal invitation (10) Internet (2), service (1);

- 2) Reasons for participation: interest in environmental protection (7), interest in alternative energy (6), general interest in biogas (5), interest in the opportunities for waste management (3), search for alternative income (1) , designing of complex project biodiesel- biogas (1);
- 3) Assessment of the quality of the course (content, organization, degree of applicability, quality materials, location, overall evaluation): Excellent (58.33%), good (33.33%), satisfactory (8.33%), adequate (0%) inadequate (0%);
- 4) Assessment of the instructors: Excellent (80.65%), good (12.9%), satisfactory (3.22%), adequate (3.22%), inadequate (0%);
- 5) considered the course length: adequate (8), too small (2);
- 6) Will recommend the course: yes (10), no (0);
- 7) Participants at the course were age segment: 25-40 (5), 41-65 (5), with the profession: engineer (5), economist (2), other professions (3);

BUZAU- 8-9 DECEMBRIE 2009

The second course was the one organized in Buzau by SC Mangus Sol SRL with the support of the Buzau County Council (CJB) under the BiG> East - Biogas for Eastern Europe, during 8-9 December 2009 with the following program:

9.30 - 10.00 Reception and registration of participants (MANGUS SOL & CJB)

- Coffee, refreshments, etc..

10.00 - 10.45 Opening (MANGUS SOL)

- Project BiG> Western: Promoting Biogas in Eastern Europe - Mobilization makers and courses for farmers (Dr. Augustin Ofiteru);
- Course introduction and the presentation of the students and lecturers.

10.45 - 13.00 Concepts related to the production of biogas --

- What is biogas, how and from what it is produced? (Dr. Augustin Ofiteru);
- Biological processes involved in the production of biogas (Dr. Augustin Ofiteru);
- Brief overview of biogas production situation in the world and in Europe (Dr. Mihai Adamescu);
- Biogas in agriculture: concepts and technologies (Drd. Dan Ionescu);

- Why is biogas production interesting for farmers and investors: Benefits and opportunities (Drd. Dan Ionescu);
- About Romanian biogas (Drd. Dan Ionescu).

13.00 - 14.30 Lunch break

14.30 - 16.00 How to build and operate a biogas plant

- Planning phase (Dr. Augustine Ofiteru);
- Phase Financing (Dr. Michael Adamescu):
a funding opportunities in Romania,
a national and European funding programs;
- Phase implementation and exercise pre-calculation of the theoretical production of biogas using a calculation model Danish (Dan Ionescu / Augustin Ofiteru).

16.00 - 16.15 Coffee break

16.15 - 16.45 Practical applications

- Financial aspects of biogas production and practical example of cost calculation - calculation model "Big East" (Dr. Mihai Adamescu).

16.45 - 17.15 Conclusions of Day

Presentations in PowerPoint format (which can be accessed through appropriate links) were realized by:

5. Dr. Augustin Ofițeru Senior Researcher Mangus Sol, Bucharest
6. Dr. Mihai Adamescu, Senior Researcher Mangus Sol, Bucharest
7. Drd. Dan Ionescu, Senior Researcher Mangus Sol, Bucharest

Participants:

Nr. crt.	Full name	Organization
1.	Oprisanu Catalin	Muzeul Judetean Buzau
2.	Nedelcu Cornelia	Muzeul Judetean Buzau
3.	Brinzea Cristina	Muzeul Judetean Buzau
4.	Bucur Daniela	Muzeul Judetean Buzau
5.	Dobre Maria	Muzeul Judetean Buzau
6.	Stefan Daniela	Muzeul Judetean Buzau
7.	David Valeria	Muzeul Judetean Buzau
8.	Drinca Tatiana	Muzeul Judetean Buzau
9.	Costache Daniel	Muzeul Judetean Buzau
10.	Dinu Catalin	Muzeul Judetean Buzau
11.	Constantinescu Valentin	Muzeul Judetean Buzau
12.	Simion Doinita	Muzeul Judetean Buzau
13.	Tureac Ion	OJCA Buzau
14.	Manea Marin	Asociatia crescatorilor de vaci de lapte Fortis
15.	Badoiu Octavian	SCDCB Dulbanu
16.	Serlailanu Valerica	OJCA Buzau
17.	Ilie Vasile	OJCA Buzau
18.	Matei Titu	Ojca Buzau
19.	Lazar Carmen	OJCA Buzau
20.	Bornaz Carmen	OJCA Buzau
21.	Palaghianu Lidia	CLCA Pogoanele
22.	Radu Viorel	MJB Buzau
23.	Dragomir Eusebiu Florin	Primaria Cislau
24.	Constantinescu Eusebiu Marius	Muzeul Judetean Buzau

Each presentation was followed by brief question and answers session. Those interested were also asked to consult the given materials and to visit the project website BiG> East. Many of those present (investors) have shown interest in an investment in renewable energy resources and especially biogas.

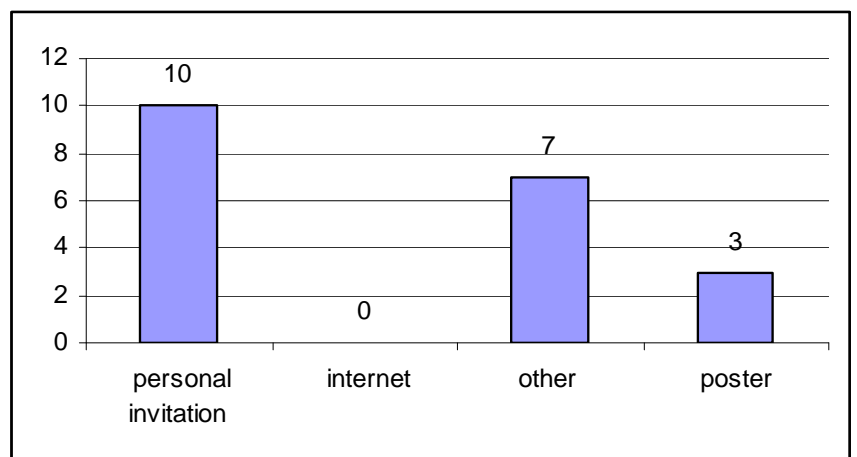
Materials distributed to the participants:

- Course agenda – printed form;
- Biogas in Eastern Europe - Mobilization campaign and courses for farmers (Dr. Augustin Ofiteru) – printed form PowerPoint slides;
- Course in biogas technology: What is biogas, how and from what is produced? Biological processes involved in the production of biogas (Dr. Augustin Ofiteru) – printed form PowerPoint slides;
- Financial aspects of biogas production in Romania - and practical example of cost calculation - calculation model "Big East" (Dr. Mihai Adamescu) - print PowerPoint slides;
- Questionnaire for the training assessment – printed form;
- CD course - in electronic files: Agenda_of_biogas_training_Bucharest.doc, BigEast_Econo_Check.xls, Handbook FINAL.pdf Biogas, Biogas Handbook en.pdf FINAL, Deliverable_6_3-Final report-Romania.pdf, Leaflet_BiG-East_20071012.pdf, Folder Big East Romanian . pdf Task_3_1_Assesment_of_Policies_Romania.pdf, Task_3_2_Report_on_barriers_Romania.pdf, 2.3_Final report.pdf Task WP2, WP2 Task 2.4_Final report.pdf, WP6_Site_Selection_Strategy_final_20080404.pdf, financial aspects of the production of biogas in Romania.ppt (Dr. Mihai Adamescu), 01 project Big East.ppt (Dr. Augustin Ofiteru), 02 Biogazul.ppt (Dr. Augustin Ofiteru) Ppt0000002.ppt, Ppt0000002RO.ppt (Drd. Dan Ionescu) Ppt0000003.ppt, Ppt0000003RO.ppt (Drd. Dan Ionescu) Ppt0000004.ppt, Ppt0000004RO.ppt (Drd. Dan Ionescu).

Analysis of evaluation questionnaires revealed the following¹:

1	Finding information about courses: personal invitation (10), internet (0), other (7); poster (3)	
2	Reasons for participation: interest in environmental protection (18), interest in alternative energy (8), general interest in biogas (3), interest in the opportunities for waste management (6), search for alternative income (1), designing of complex project biodiesel- biogas (1);	
3	Assessment of the quality of the course (content, organization, degree of applicability, quality materials, location, overall evaluation): Excellent (15), good (7) satisfactory () adequate () inadequate ();	
4	Assessment of the instructors: Excellent (17), good (3)	
5	Considered the course length: adequate (14), too small (2);	
6	Will recommend the course: yes (10), no (0);	
7	Age : 25-40 (5), 41-65 (5); engineer (5), economist (2), other (3);	
	Total number of questionnaires	22

Fig 1. Finding information about courses



¹ Not all participants responded to all questions

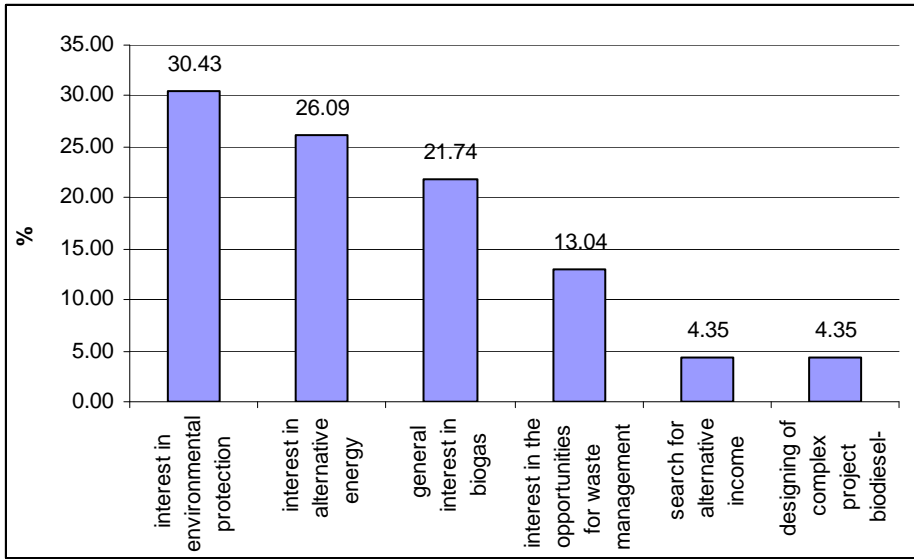


Fig. 2 Reason for participation

Fig. 3. Assessment of the quality of the course

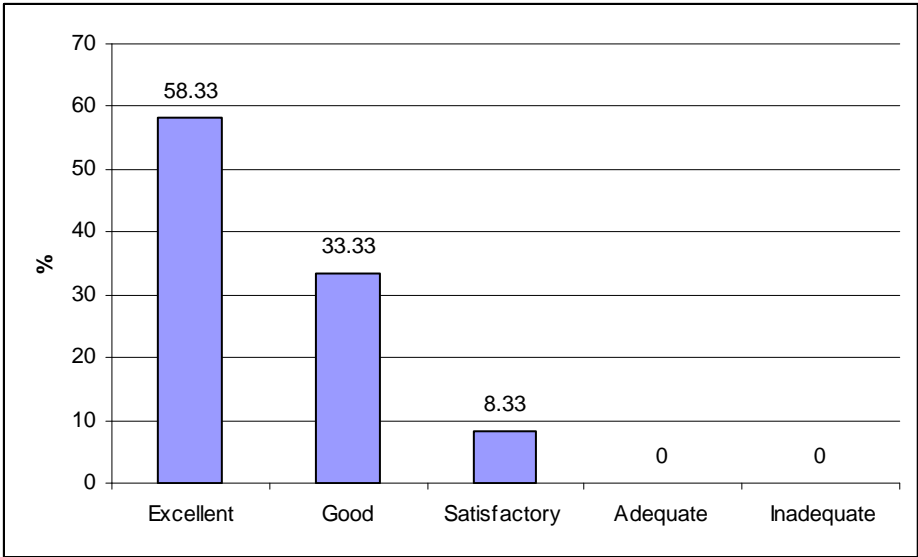
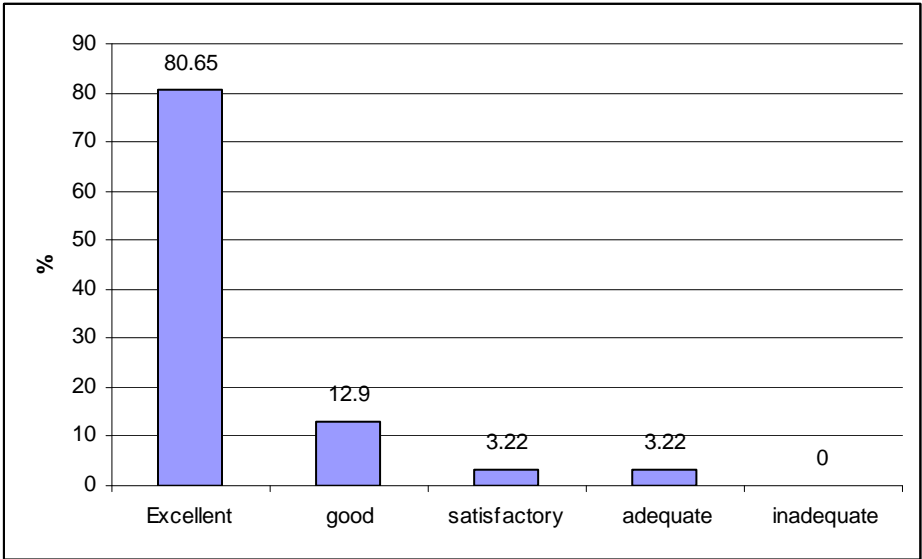


Fig. 4 Assessment of the instructors



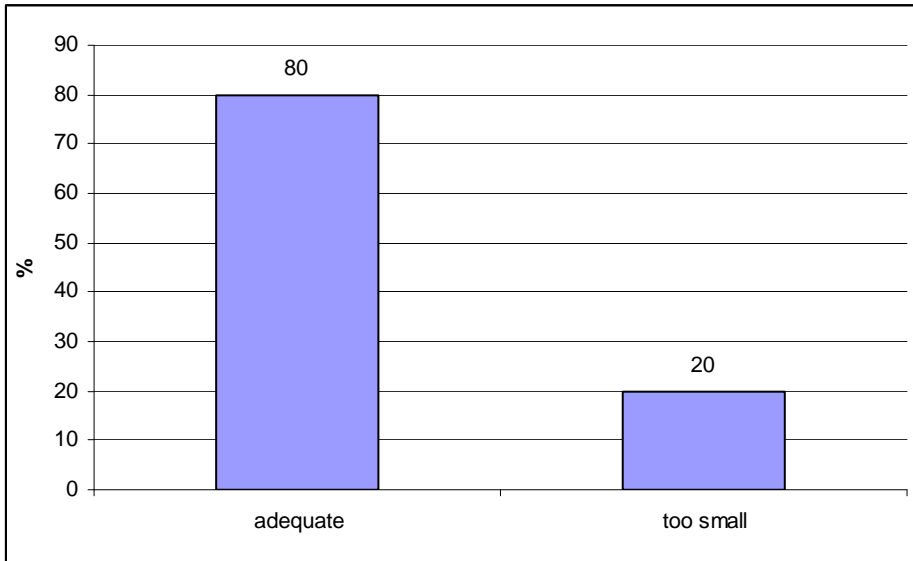


Fig. 5 Assessment of the course length

PLOIESTI 10-11 FEBRUARIE 2010

The last course was held at Ploiesti city by SC Mangus Sol, with the support of PLOIEȘTI PETROLEUM and GAS UNIVERSITY (UPGP) under the BiG> East - Biogas for Eastern Europe, during 10-11 February 2010, following the program:

9.30 - 10.00 Reception and registration of participants (MANGUS SOL & UPGP)

- Coffee, refreshments, etc..

10.00 - 10.45 Opening (Mangus)

- Project BiG> Western: Promotion of Biogas in Eastern Europe - Mobilization makers and courses for farmers (Dr. Augustin Ofiteru);
- Presentation of course, the students and lecturers.

10.45 - 13.00 Concepts related to the production of biogas --

- What is biogas, how and from what it is produced? (Dr. Augustin Ofiteru);
- Biological processes involved in the production of biogas (Dr. Augustin Ofiteru);
- Brief overview of biogas production situation in the world and in Europe (Dr. Mihai Adamescu);
- Biogas in agriculture: concepts and technologies (Drd. Dan Ionescu);

- Why is biogas production interesting for farmers and investors: Benefits and opportunities (Drd. Dan Ionescu);
- About Romanian biogas (Drd. Dan Ionescu).

13.00 - 14.30 Lunch break

14.30 - 16.00 How to build and operate a biogas plant

- Planning phase (Dr. Augustin Ofiteru);
- Phase Financing (Dr. Mihai Adamescu):
 - a funding opportunities in Romania,
 - a national and European funding programs;
- Phase implementation and exercise pre-calculation of the theoretical production of biogas using a calculation model Danish (Dan Ionescu / Augustin Ofiteru).

16.00 - 16.15 Coffee break

16.15 - 16.45 Practical applications

- Financial aspects of biogas production and practical example of cost calculation - calculation model "Big East" (Dr. Mihai Adamescu).

16.45 - 17.15 Conclusions of the Day

Presentations made in PowerPoint format (which can be accessed through appropriate links) were supported by:

8. Dr. Augustin Ofițeru, Senior researcher Mangus Sol, Bucharest
9. Dr. Mihai Adamescu, Senior researcher Mangus Sol, Bucharest
10. Drd. Dan Ionescu, Senior researcher Mangus Sol, Bucharest

Students:

Nr. crt.	Full name
1.	Iancu Luminita
2.	Culea Marcela
3.	Lete Irina
4.	Paun Georgiana
5.	Georgescu Sanda Valentina
6.	Stamate Cristina
7.	Simina Ioana
8.	Zaharia Eugenia
9.	Oproiu Alina Andreea
10.	Ghita Danuta
11.	Dutu Alexandra
12.	Ghinescu Alexandra
13.	Marica Manuela
14.	Barbu Tania
15.	Macinic Stefania
16.	Serban Cateluta
17.	Radu Madalin
18.	Alexe Cezar
19.	Dan Adrian Robert
20.	Chivulescu Gabriel
21.	Stoica Roxana – Elena
22.	Alexe Ramona Cristina
23.	Tudorache Mihaela
24.	Ion Georgiana
25.	Iordache Elena-Rozalina
26.	Savu Georgiana-Elena
27.	Sima Nicoleta Corina

Nr. crt.	Full name
28.	Toba Alexandru-Catalin

Each presentation was followed by brief question and answers session. Those interested were also asked to consult the given materials and to visit the project website BiG> East. Many of those present (investors) have shown interest in an investment in renewable energy resources and especially biogas.

Materials distributed to the participants:

- Course agenda – printed form;
- Biogas in Eastern Europe - Mobilization campaign and courses for farmers (Dr. Augustin Ofiteru) – printed form PowerPoint slides;
- Course in biogas technology: What is biogas, how and from what is produced? Biological processes involved in the production of biogas (Dr. Augustin Ofiteru) – printed form PowerPoint slides;
- Financial aspects of biogas production in Romania - and practical example of cost calculation - calculation model "Big East" (Dr. Mihai Adamescu) - print PowerPoint slides;
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- CD course - in electronic files: Agenda_of_biogas_training_Bucharest.doc, BigEast_Econo_Check.xls, Handbook FINAL.pdf Biogas, Biogas Handbook en.pdf FINAL, Deliverable_6_3-Final report-Romania.pdf, Leaflet_BiG-East_20071012.pdf, Folder Big East Romanian . pdf Task_3_1_Assesment_of_Policies_Romania.pdf, Task_3_2_Report_on_barriers_Romania.pdf, 2.3_Final report.pdf Task WP2, WP2 Task 2.4_Final report.pdf, WP6_Site_Selection_Strategy_final_20080404.pdf, financial aspects of the production of biogas in Romania.ppt (Dr. Mihai Adamescu), 01 project Big East.ppt (Dr. Augustin Ofiteru), 02 Biogazul.ppt (Dr. Augustin Ofiteru) Ppt0000002.ppt, Ppt0000002RO.ppt (Drd. Dan Ionescu) Ppt0000003.ppt, Ppt0000003RO.ppt (Drd. Dan Ionescu) Ppt0000004.ppt, Ppt0000004RO.ppt (Drd. Dan Ionescu).

The questionnaires analysis is pointing out the following:

1	Finding information about courses: personal invitation (10), internet (), la serviciu(), others (7); poster (3)	
2	Reasons for participation: interest in environmental protection (18 interest in alternative energy (8), general interest in biogas (3 interest in the opportunities for waste management (6 search for alternative income (1 designing of complex project biodiesel- biogas ());others (1)	
3	Assessment of the quality of the course (content, organization, degree of applicability, quality materials, location, overall evaluation): Excellent (15), good (7), satisfactory () adequate () inadequate ();	
4	Assessment of the instructors: Excellent (17), good (3)	
5	Considered the course length: adequate (14), too small (2);	
6	Will recommend the course: yes (10), no (0);	
7	Age : 25-40 (5), 41-65 (5); enginier (5), economist (2), other (3);	
	Total number of questionnaires	22

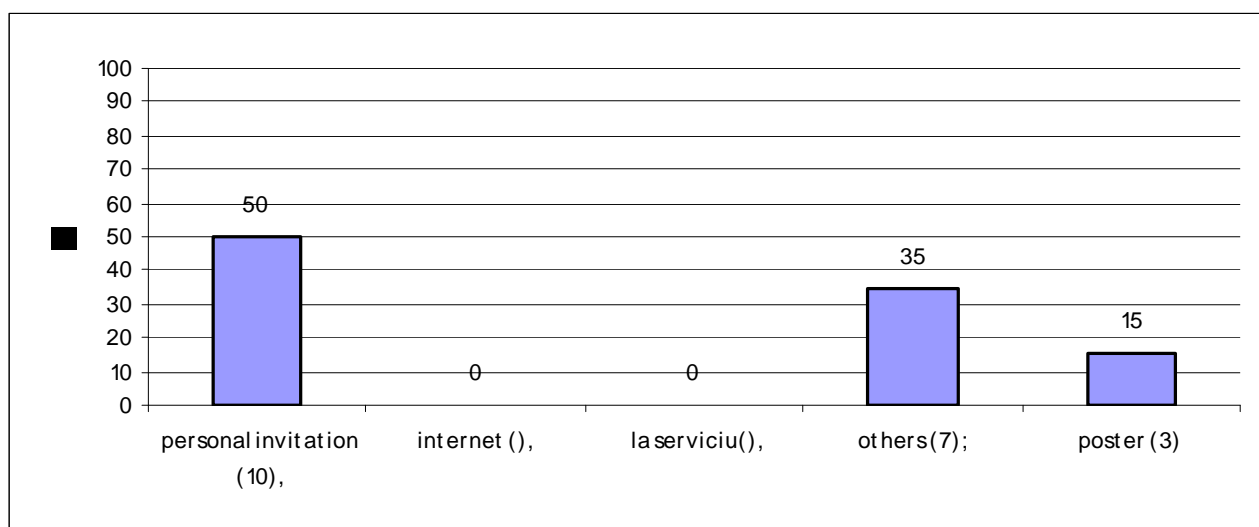


Fig 1. Finding information about courses - PLOIESTI

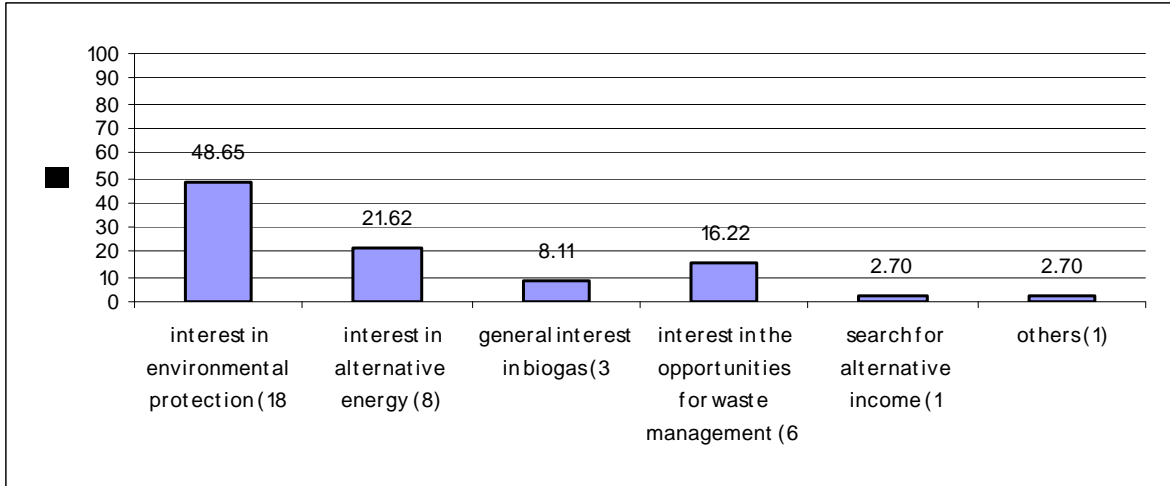


Fig. 2 Reason for participation

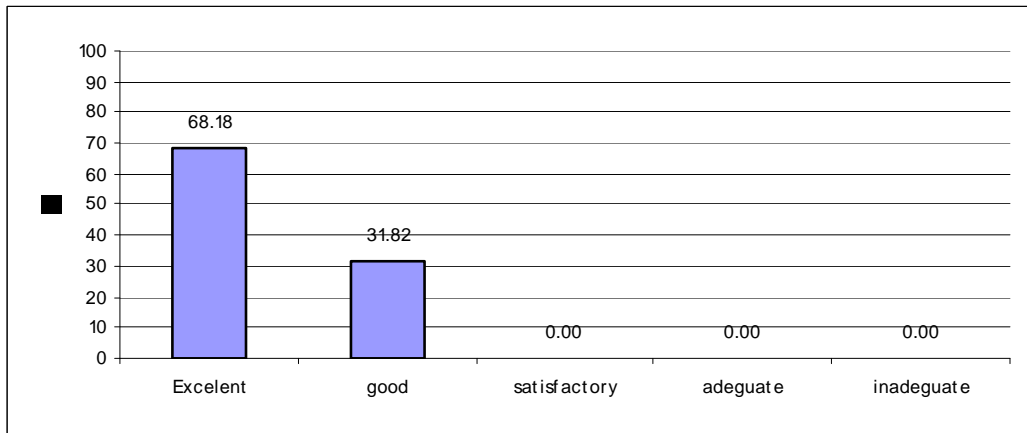


Fig. 3. Assessment of the quality of the course

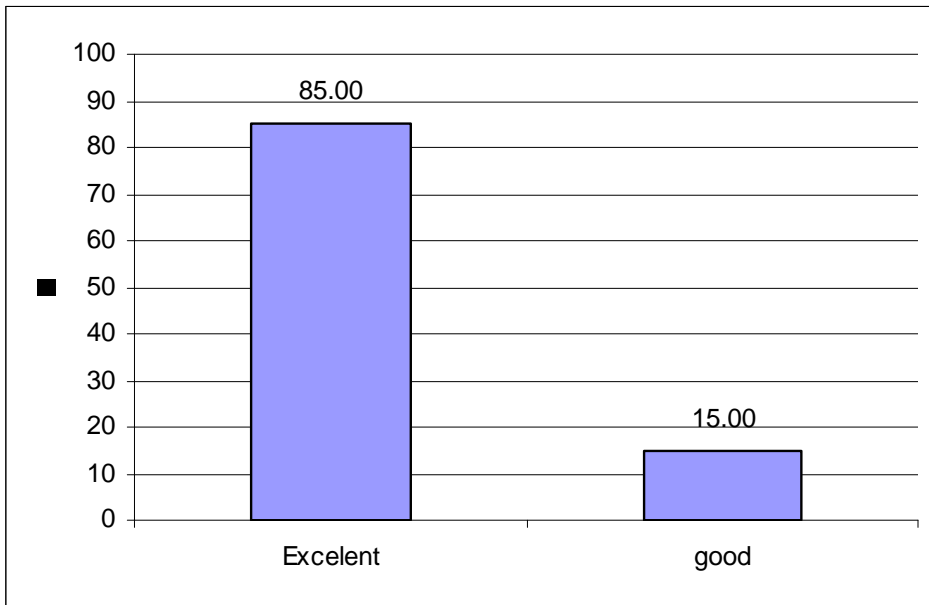


Fig. 4 Assessment of the instructors

D5.5 – DOCUMENTATION AND EVALUATION

- A) Diploma and invitations
- B) Posters
- C) Participant list (Bucharest, Buzau, Ploiesti)
- D) Pictures during meetings

A) Diploma and invitations

CERTIFICAT DE PARTICIPARE

Se atestă că D-l(na) de la
Instituția

a absolvit cursul de **INSTRUIRE ÎN TEHNICA BIOGAZULUI**

în cadrul proiectului "PROMOVAREA BIOGAZULUI ÎN EUROPA DE EST –
MOBILIZAREA FACTORILOR DE DECIZIE ȘI CURSURI PENTRU FERMIERI"

organizat de **SC MANGUS SOL SRL** în colaborare cu **UNIVERSITATEA PETROL GAZE PLOIEȘTI**

în perioada **09-11.03.2010**, la **PLOIEȘTI**

UNIVERSITATEA PETROL GAZE PLOIEȘTI
.....

S.C. MANGUS SOL S.R.L.
Director General: **Augustin OFITERU**

Eliberat la: 11.03.2010

Intelligent Energy Europe

BiG>East
Biogas for Eastern Europe

Biogazul – Energie Regenerabilă & Management Ecologic al Deșeurilor

Campanie de mobilizare și Curs de instruire în Tehnica Biogazului

Locație: Universitatea Petrol-Gaze Ploiești, sala AP10
Participare liberă (fără taxă de participare)

Participanți: persoane interesate de problematica energiilor alternative, din administrațiile locale județene, fermieri, instituțiile de mediu

Deschidere: 09.03.2010, ora 9.00

Informații detaliate:

Dr. Augustin Ofțeru
Bd. Națiunile Unite Nr. 5 București
www.mangus.ro
Tel. +40318089903, +40722998306
Fax: +40318072008
e-mail: biogaz-ploiesti@mangus.ro

- ✦ PENTRU A PUTEA BENEFICIA DE MATERIALELE DE PREZENTARE ALE CAMPANIEI, VĂ RUGĂM SĂ ANUNTAȚI PARTICIPAREA PRIN FAX SAU E-MAIL!
- ✦ PENTRU A PUTEA PARTICIPA LA CURSUL DE INSTRUIRE ÎN TEHNICA BIOGAZULUI VĂ RUGĂM SĂ NE TRANSMITETI INTENȚIA DVS. DE PARTICIPARE LA NUMĂRUL DE FAX SAU ADRESA DE E-MAIL INDICATE !
- ✦ INCLUDEȚI CEL PUȚIN DOUĂ MODALITĂȚI DE CONTACT (E-MAIL, FAX, TELEFON)!

Pagina WEB a proiectului www.big-east.eu

Pagina WEB a organizatorului: www.mangus.ro

Intelligent Energy Europe
Proiect co-finanțat de „Intelligent Energy Europe”

Intelligent Energy Europe



Mangus Sol – Soluții de viitor acum



Universitatea Petrol-
Gaze din Ploiești

Au deosebita plăcere de a vă invita la evenimentul:

Biogazul – Energie Regenerabilă & Management Ecologic al Deșeurilor
9-11 Martie 2010, Ploiești -România

BiG>East
Biogas for Eastern Europe



Posters



BiG>East



SC Mangus Sol SRL



Universitatea Petrol
Gaze din Ploiesti



Biogaz pentru
Europa de Est



Intelligent Energy  Europe

Obiectivul BiG>East este să promoveze producția de biogaz, ca sursă sigură și regenerabilă de energie, pentru șase țări „țintă” din Europa de Est: Bulgaria, Croația, Letonia, România, Slovenia și Grecia.



Informații detaliate:
Dr. Augustin Ofițeru
Bd. Națiunile Unite Nr. 5 București
www.mangus.ro
Tel. +40318089903, +40722998306
Fax. +40318072008
e-mail. biogaz-ploiesti@mangus.ro

Au deosebita plăcere de a vă invita la evenimentul:

Biogazul – Energie Regenerabilă și Management Ecologic al Deșeurilor

- Campanie de mobilizare
- Curs de instruire în tehnica Biogazului



Deschiderea evenimentului:
Locație: **Universitatea Petrol Gaze Ploiesti**

Intrare liberă

Participanți: persoane interesate de problematica energiilor alternative, din administrațiile locale județene, fermieri, instituțiile de mediu

09.03.2010, ora 9.00



Participants list Bucharest



Tabel participanti la cursul de instruire de instruire in tehnica biogazului

Perioada : 14-15.04.2008

Nr. crt.	Numele si prenumele	Organizatia	Semnatura
1.	Albu Florea	3A COMERCIAL COMPANY	
2.	Angheluta Daniel	NAVIGAL IMPEX	
3.	Badoiu Octavian	STATIUNEA „DULBANU”	
4.	Boicu Roxana	EPC PROIECTE	
5.	Cirjan Elena	ALLCERT SYSTEMS	
6.	Buzdugan Rodica	CHIMINFORM DATA	
7.	Deaca Alina	ALLCERT SYSTEMS	
8.	Leonard Tudor	TRINERGI GRUP	
9.	Lohin Anna	FLOYD AD&C	
10.	Marinache Costel	IZOCON MC	
11.	Pescaru Monica	ALLCERT SYSTEMS	
12.	Rusitoru Alexandra	EPC CONSULTANTA	
13.	Vesteman Ioan	IZOCON MC	

Participants list Buzau



SC Mangus SOL SRL



Consiliul Judetean Buzau

Tabel participanti la Cursul de Instruire "Big>East"
Buzau, 8-9 Decembrie 2009

Nr. crt.	Numele și prenumele	Organizația	E-mail	Semnatura
1.	OPRISANU CATALIN	Muzeul Judetean Buzau	OPRISANU.CATALIN@YAHOO.COM	<i>[Signature]</i>
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Pictures during meetings





D 5.6 – STRATEGY FOR FOLLOW UP ACTIVITIES

The results of the Big>East are to be seen for long term as some of the activities will still be performed after the end of the project.

1. Web page including download page for the BIOGAS HANDBOOK will still be active for the next 5 years; Mangus Sol will use the experience gained during the participation in Big>East to foster the biogas market in Romania;
2. Mangus Sol will support training courses for the university curricula regarding biogas production in collaboration with the Petroleum – Gas University of Ploiesti;
3. Project development (feasibility study, business plan for a biogas facility for one or possible two of the case studies (Buzau and Bucharest);