

RESULTS AND EXPERIENCES FROM REGIONAL AND EUROPEAN NETWORKING IN THE PROJECT MADEGASCAR

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RESULTS AND EXPERIENCES FROM NETWORKING

1. Regional Network

- **Description of the Regional Network (number of participants and profile)**

In all participating regions, regional networks have been established with a wide range of actors representing big parts of the Biogas and the natural gas market. The regional networks consist of a number of members ranging from 5 to 115.

In those regions where one or two profiles are not present, it is due to external reasons and not to the effort made for all partners, together with the collaboration of the members of the regional networks, to try to achieve the whole puzzle for networking activities.

The profiles with more difficulties have been car dealers. Three networks do not have car dealers as members. Two networks have no biogas producer as members and one does not have any gas supplier /energy company.

The profile most frequent in the networks is the public entity. Among them are the municipalities, a stakeholder of great importance to cooperate with among others for having several roles on the market.

The regional networks vary in character and are more or less formalized. Common for all of them is the believe that they will continue after the end of the project.

- Does your Regional Network reach the performance indicators?

Number of public entities	88
Number of car dealer (minimum 1)	24
Number of biogas producer (minimum 1)	35
Number of Energy company/gas supplier (minimum 1)	29
Others	130

If not please explain the reason.

One reason for not having attracted the defined profiles into the regional network has been due to low interest; in some cases because the stakeholder does not see the advantages with NGV's and biomethane in others they don't recognize the advantages with a network. Another reason being a low development of the gas sector in the region and therefore the absence of the kind of actor in question on the market.

There are also examples were stakeholders representing a certain profile are not members of the formal network but still cooperation partners to the Madagascar-partner.

2. Objectives of the Regional Network

Although each region has specific objectives for their regional/national network most of them have the overall idea to develop the market for biogas and natural gas as vehicle fuel in the region in general. Some focusing more on the use and the infrastructure than on the biogas production. Some working on getting a few concrete projects carried out, others with a more general perspective.

Among the objectives of the networks are:

- Connecting actors on the market and foster cooperation
- To involve key actors to develop the market
- Discussing and planning for the development of biomethane production, filling station infrastructure etc in the region
- Common market research
- Coordinate activities and project development in the region.
- Know-how transfer, experience exchange and learning about best practices among network members
- Common information, marketing and awareness raising activities among public and private actors
- Knowledge transfer and awareness raising among politicians
- Involve the public administrations in the very same project development
- Influencing improved framework conditions – subsidies, legislative frameworks, standards, policies etc
- foster the implementation of biogas/natural gas fuel stations
- foster the purchase of NGV's

3. Did you have any problems to make networking at regional / national level? Please, describe them and explain the solution.

The partners were in general positive about the result of the regional networking but there has been a couple of difficulties not least in the beginning.

There have been difficulties in joining members of some profiles due to low interest or the absence of the kind of actor on the market.

In some regions the building of networks started by even convincing the possible members of the advantage of NGV's and biomethane which was time consuming.

In a few regions already existing networks and initiatives have reduced the interest in a regional network.

In some networks it has proved difficult to have the network members invest their time in the network although positive to the network as such.

but this obstacle was overcome with the presence of the regional authorities who put in value the importance of biogas.

• Did you have any problems to make networking at European level? Please, describe them and explain the solution.

No problems were encountered. Every project partner got in touch with the institutions, stakeholders, companies, car dealers, biogas suppliers in different ways in order to get an answer and a subsequent response.

4. Describe the successful results of the networking at regional/national

The partners are positive about the networking and having established a regional network expected to continue after the end of the project.

Successful results of general character are among others:

- The Spanish partner sees how all the network members have the same objective and one project in common; they work all together to save the lacks and difficulties
- In Skåne the climate has changed and the conditions for starting up biogas production and running vehicles on bio methane are far better today than when the network started
- In Slovenia the network has made it possible to increase the knowledge about CNG and to reach a common stand point regarding the Slovene government for changing the legislation.
- In Lithuania the knowledge on CNG has increased and good conditions were established under which the possibility to build the first CNG filling stations have improved.
- MalarNet and ESS have built up long term networks building on experiences from starting up and running BiogasSyd in Skåne. The networks have their own steering groups and were given their own logotypes to strengthen the identity

Other, more concrete results are among others:

- In Styria co-operation agreements was signed with two energy suppliers concerning common market development of natural gas as fuel and a CNG-filling station network (21 CNG filling stations in Styria) was established
- In Styria was managed a regional government subvention for buying a NGV as well as changed regulation giving permission for NGVs to drive into underground car parks
- In Lower Austria it has been obtained that the subsidy scheme will be extended in the near future, offering subsidies also to companies (before: only private car buyers) and offering increased subsidies for taxi companies and driving schools.
- Within the network of the of the Polish partner PAE there was the success of convincing a bakery to buy two light trucks and that the with cooperation with City Rzeszow and Mercedes-Benz the municipality waste company is going to buy two waste trucks.
- In Bourgas the network made possible the participation of the regional energy (in particular-biomethane) strategy development
- The work of members of the Regional Network in Somerset has resulted in a change in government policy to biomethane and natural gas as transport fuels.
- Within the Czech network the preparation of a national standard on biogas upgrading and injection into the grid was initiated.
- In Mazowieckie the regional network made possible the implementation of Case/feasibility studies
- In Berlin a biomethane strategy was developed together with network partner GASAG and EMB and BioCNG20 (20 % biomethane in CNG) was introduced in 14 filling stations in Berlin and 2 in Brandenburg

- **Describe the successful results of the networking at European level.**

The main successful results at EU level have been:

The existence of a European address register with 160 stakeholders, facilitating in finding interesting actors in the partner countries

-Those countries participating in the project have contacts with expert stakeholders members of the rest of the EU regional network. This served for new projects, to find advice those countries less

experience in the biogas field, to know the state of the art at EU level, to have ideas for new projects within IEE programme and others EU programmes.

5. Network activities carried out and outputs at regional, national and European level

Activity	Activity n°	Date	Place	Target group	N° Participants	Short Description	Scope (regional, national, European)	Related attachments
Strategic meetings	NA1	080402	Malmö	Biogas sector	14	Strategic meeting discussing how to expand the biogas sector.	Regional	<i>SEA_WP3_N1_minutes*</i>
	NA2	080528	Malmö	Biogas sector	12	Strategic meeting discussing how to expand the biogas sector.	Regional	<i>SEA_WP3_N2_invitation SEA_WP3_N2_minutes*</i>
	NA3	080604	Kalmar	Interested Bio methane parties	35	Kick-off and start of a new network named Biogas Sydost	Regional	<i>ESS_WP3_E1_Invitation ESS_WP3_E1_Participant list</i>
	NA4	080917	Malmö	Biogas sector	14	Strategic meeting discussing how to expand the biogas sector.	Regional	<i>SEA_WP3_N3_minutes*</i>
	NA5	080918	Emmaboda	Proposed members of the network	16	Form and decide objectives, target groups, tasks, organisation and financing	Regional	<i>ESS_WP3_E2_Invitation Notes from meeting 080918</i>
	NA6	081126	Malmö	Biogas sector	14	Strategic meeting discussing how to expand the biogas sector.	Regional	<i>SEA_WP3_N4_invitation SEA_WP3_N4_minutes*</i>
	NA7	081217	Västervik	Proposed members of the network	8	Decide on action plan Discuss financing Objectives and activity plan 2009	Regional	<i>ESS_WP3_E3_Notes_from_meeting</i>
	NA8	090127	Malmö	Biogas sector	11	Strategic meeting discussing how to expand the biogas sector.	Regional	<i>SEA_WP3_N5_invitation</i>
	NA9	090325	Telephone	Biogas Sydost members	9	Comments to project plan. Project start-up date.	Regional	<i>ESS_WP3_N4_Notes_from_meeting</i>
	NA10	090512	Malmö	Biogas sector	13	Strategic meeting discussing how to expand the biogas sector.	Regional	<i>SEA_WP3_N6_invitation</i>
	NA11	090528	Oskarshamn	Biogas Sydost members	9	Interim reporting, Status members, coming meetings and activities	Regional	<i>ESS_WP3_E5_Notes_from_meeting</i>
	NA12	090625	Telephone	Biogas Sydost members	6	Status Members, coming meetings and activities, Web site, co-operation with other regional networks	Regional	<i>ESS_WP3_E6_Notes_from_meeting</i>
	NA13	090826	Telephone	Biogas Sydost members	8	Status Members, coming meetings and activities, Web site, co-operation with other regional network	Regional	<i>ESS_WP3_E7_Notes_from_meeting</i>
	NA14	090918	Malmö	Biogas sector	9	Strategic meeting discussing how to expand the biogas sector.	Regional	<i>SEA_WP3_N7_invitation</i>
	NA15	091021	Kalmar	Biogas Sydost members	7	Coming meetings and activities, Future financing, Conducting Seminars	Regional	<i>ESS_WP3_E8_Invitation ESS_WP3_E8_Notes_from_meeting</i>
	NA16	091125	Malmö	Biogas sector	11	Strategic meeting discussing how to expand the biogas sector.	Regional	<i>SEA_WP3_N8_minutes*</i>

NA17	10.10.2007	Graz	Interested people	20	Conference: Klimabünd-niskonferenz 2007 Presentation about natural gas as fuel	Regional	<i>WP3_STGW_presentation_Erfahrungen mit Gas Fahrzeugen Klimabündnis konferenz</i>
NA18	18.03.2008	Hartberg	Interested people	14	Presentation: Biomethan as alternative fuel Presentation about bio methane as alternative fuel. Round table discussion	Regional	<i>WP3_STGW_presentation_Biomethan alternativer Kraftstoff_Hartberg</i>
NA19	02.-03.06.2008	Vienna	Interested people	150	Climate active mobility event Best practices in the field of mobility; alternative fuels and energy saving	National	
NA20	29.08.2008	Melk	Interested people, fleet managers, car dealers, decision makers	100 - 200	Conference: 2. Internationales Mobilitätssymposium "Auto & Energie 2008" Information exchange, test drive, dissemination of information material, personal consulting	National	
NA21	10.09.2008	Zettling	Mercedes customers (fleet managers)	15	Pappas CNG days (Mercedes Wittwar car dealer) Information exchange, consulting and networking	Regional	
NA22	22 – 23.09.2008	Vienna	Interested people (manly from the gas industry)	40	GAS 2008 (conference) Conference about the future of the gas industry in Europe	National	<i>WP3_STGW_presentation_all time high der Spritpreise</i>
NA23	03.02.2009	Graz	Biogas expert	3	Meeting with biogas expert Networking and experience exchange	Regional	
NA24	26.02.2009	Spital am Phyrn	Energy service provider	10	Alignment meeting between different energy service providers concerning CNG and NGV Information exchange, strategy alignment concerning CNG/NGV business	National	
NA25	09 – 10.03.2009	Stuttgart	Interested people	50 - 100	Conference: "Start frei für Erdgasfahrzeuge European conference about the CNG and NGV market	European	
NA26	14.05.2009	Türkenfeld	Interested people (manly from the gas industry - D,CH,A)	80	Greenfield Symposium "Erdgas als Kraftstoff" Symposium about the CNG and NGV market	European	

NA27	17.06.2009	Graz	Fleet manager	3	Network meeting and discussion with Styrian Administration Discussion about CNG savings potential and new CNG acquisitions; strategic alignment	Regional	<i>Information about new vehicles</i>
NA28	18.06.2009	Linz	Interested people	200	Conference and exhibition: "Schauplatz Mobilität" Conference about the mobility future; Networking of mobility branch	National	
NA29	07.08.2009	Graz	President, General manager	5	Meeting Pendlerinitiative (Commuter initiative) Cooperation and information activities	Regional	<i>Information material</i>
NA30	25.08.2009	Salzburg	Sales and marketing manager for CNG and NGV	8 - 10	Meeting Salzburg AG - strategy alignment Cooperation	National	<i>Information material</i>
NA31	19.10.2009	Graz	Interested people	70	Symposium "Clean Heavy Duty" Conference and networking of gas and vehicle branch	National	
NA32	28.10.2009	Vösendorf	Interested people	200	Conference and exhibition: "Grün fahren - CO2 sparen" Conference and exhibition about the future of mobility	National	
NA33	7 May 2008	London	Regional network partner, biogas plant owners, fleet owners, decision makers	15	Biomethane for Transport meeting	National	None, verbal introduction to Madagascar WP3 OPL NA1 Minutes
NA34	11 Jul 2008	Yeovil	Local authority, Government bodies, gas filling station suppliers, biogas plant owners	22	First Regional Network meeting held in SSDC offices	Regional	<i>WP3 OPL NA2 Biomethane for Transport presentation WP3 OPL NA2 Cenex Presentation WP3 OPL NA2 CNG Services presentation</i>

NA35	30 Jul 2008	Birmingham	Regional network partner, biogas plant owners, fleet owners, decision makers	15	Biomethane for Transport meeting. Influence national policy on biomethane into gas grid, networking. Displayed gas vehicle with sign writing,	National	Displayed vehicle with signs WP3 OPL NA3 EcoVito
NA36	26 Jan 2009	Horsington	Regional network partners. Local authorities, biogas plant construction company	11	Second Regional Network meeting. Concentrating on obtaining support from county and district councils. Displayed gas vehicles with sign writing, visit to gas filling station, visit to biogas plant	Regional	WP3 OPL NA4 Standard presentation, WP3 OPL NA3 EcoVito WP3 OPL NA4 Image of gas filling station WP3 OPL NA4 OPL technology WP3 OPL NA4 78M GVR Apr 08 WP3 OPL NA4 62M Biomethane as a vehicle fuel
NA37	28 Jan 2009	Loughborough	Regional network partner, biogas plant owners, fleet owners, decision makers	10	Biomethane for Transport meeting. Influence national policy on biomethane into gas grid, networking. Marketing plans in UK for biomethane for transport	National	None, verbal discussions WP3 OPL NA5 Minutes
NA38	13 May 2009	London	Regional network partner, biogas plant owners, fleet owners, decision makers	25	Biomethane for Transport meeting. Influence national policy on biomethane into gas grid	National	None, verbal discussions. WP3 OPL NA6 Minutes approved WP3 OPL NA6 workplan

NA39	14 Oct 2009	Horsington	Regional network partner, biogas plant owners, fleet owners, decision makers	15	Biomethane for Transport meeting held jointly with IEA Task 37 meeting, organised and hosted by Organic Power. Displayed gas vehicles with sign writing, visit to gas filling station, visit to biogas plant	National	WP3 OPL NA7 74 Plant schematic WP3 OPL NA7 77aM Ecotransit official opening of CNG station WP3 OPL NA7 BMFT 141009 agenda
NA40	22.04.08	Berlin	Gasag: internal stuff from product innovation & environment	5	Presentation of results of market study home refuelling appliances	Regional	<i>BEA_080505_Marktentwicklung_HBA_GASAG.pdf</i>
NA41	22.05.08	Berlin	GASAG internal: staff from product innovation, environment, marketing and public relations departments	8	Strategic workshop: configuration of market development of biomethane as fuel as well home refuelling appliances	Regional	<i>BEA_080530_Minutes_WSH.pdf</i> <i>BEA_080508_Programm.pdf</i> <i>BEA_080508_Einleitung_Madagascar_PL.pdf</i> <i>BEA_Bioerdgas_Berthold.pdf</i> <i>BEA_Marktentwicklung_Heimbetankungsanlagen_Buggisch.pdf</i>
NA42	04.09.08	Berlin	GASAG internal: staff from product innovation, environment	3	Discussion computing CO2-saving	Regional	<i>BEA_080904_minute_meeting-Mr-Berthold.pdf</i>
NA43	17.11.08	Berlin	GASAG internal: staff from product innovation, environment	3	Discussion of marketing strategy for market introduction of biomethane; Preparation of second workshop	Regional	<i>BEA_081117_Minutes_WSH_Vorbereitung_PL_a_Berthold.pdf</i>

	NA44	22.01.09	Berlín	GASAG internal: staff from product innovation, environment, marketing and public relations departments; sales & distribution EMB (Erdgas Mark Brandenburg)	10	Sales strategy, results CO2-saving; marketing biomethane	Regional	<i>BEA_090122_Biogas Workshop final.pdf</i>
	NA45	14.5.09	Berlín	GASAG internal: staff from product innovation, environment, marketing and public relations departments	5	Strategic workshop: exchange of information about opening biogas plant and opening event; division of tasks (change of person in charge)	Regional	<i>BEA_WP3_minute_meetingGASAG_090514.pdf</i>
		17.12.09	Berlín	GASAG internal: staff from product innovation, environment, marketing	5	Strategic workshop: Planning of transporter-event in February 2010	Regional	<i>BEA_WP3_minute_meeting_Gasag091217.pdf</i>
	NA46	18/01/08	Logroño (Spain)	Authorities	4	Interviews with regional authorities of La Rioja Region	Regional	
	NA47	30/04/08	Logroño (Spain)	the main stakeholders of the region and authorities (La Rioja)	6	Interviews with regional stakeholders of La Rioja region	Regional	

	NA48	08/05/08	Soria (Spain)	Representatives of the main stakeholders of the three regions	21 entities 50 participants Mass-media	The first regional meeting was held in Soria (Castilla León) last 8th May 2008. These are the main conclusions: <ul style="list-style-type: none"> • To promote the implementation of Gas filling station for public use. • To analyze the economic and technical viability to implement a regular bus line with Natural Gas vehicles • To promote the use of Gas vehicles. • To develop actions with a great social and environmental impact. • To promote the expert training in linked fields with the project. • To carry out the dissemination strategy 	Regional National	WP3-FSV-NA3_agenda WP3-FSV-NA3_minutes WP3-FSV-NA3_information WP3-FSV-NA3_participants WP3-FSV-NA3_presentation
	NA49	08/06/08	Soria (Spain)	the main stakeholders of the region (Castilla y León)	8	Interviews with regional stakeholders of Castilla y León region to promote the number of existing gas driven buses or those urban vehicles foreseen to implement.	Regional	
	NA50	21/10/08	Zaragoza (Spain)	Regional Network, authorities, european partners	16 entities 23 participants Mass-media	To support the actions Developer within the framework of the Project and to promote new ones in the gas/biogas sector in the transport field in our influence area.	Regional National European	WP3-FSV-NA5_photo1 WP3-FSV-NA5_photo2 WP3-FSV-NA5_photo3 WP3-FSV-NA5_participants

	NA51	21/10/08	Zaragoza (Spain)	Representatives of the main stakeholders of the three regions	21 entities 50 participants Mass-media	<p>These are the main conclusions:</p> <ul style="list-style-type: none"> • Zoilo Ríos will be open a GPL filling station and another Natural GAS filling station, keeping the possibility to open new ones in other localities. • Contacts with suppliers for the best gas vehicle. • The main problem is the lack of filling station in the route for public use • The authorities present the economic support available to create filling station and to buy gas vehicles. • Analyze the possibility to incorporate Gas vehicles for transporting people in natural parks • To improve the continuous, vocational and lifelong learning with expert contents linked with the project. • To offer a e-learning training • To dissemination the Madagascar project in each event o publications of each member of the regional network 	Regional National European	<i>WP3-FSV-NA6_agenda</i> <i>WP3-FSV-NA6_minutes</i> <i>WP3-FSV-NA6_participants</i> <i>WP3-FSV-NA6_photo</i>
	NA52	21/01/09	Valladolid (Spain)	A member of the Madagascar Spanish network	2	Exchange of general information	Regional	
	NA53	01/02/09	Valladolid (Spain)	Madagascar Spanish network	10	Discussion of common activities.	National	

NA54	16/02/09	Zaragoza (Spain)	Authorities, stakeholders of the different regions	8	Study to implement gas driven vehicles or hybrid vehicles (electric and gas driven vehicles) for handicapped people in natural spaces of interest for the biodiversity: natural parks	National	
NA55	18/03/09	Barbastro (Spain)	Authority	2	Interview with the Director of Sustainable Development of Regional Government (Aragón)	Regional	
NA56	26/03/09	Soria (Spain)	the main stakeholders of the region (Castilla y León)	8	Interviews with regional stakeholders of Catilla y León region	Regional	
NA57	14/04/09	Zaragoza	Training centres, Universities and Research Instituts	5	Discussion about the possibility and viability of design an specific training on the Gas Biogas field	Regional	
NA58	29/05/09	Zaragoza	Training centres, Universities and Research Instituts	5	Assessment of the development and information on expert training.	Regional	
NA59	03/06/09	Garray (Spain)	the main stakeholders of the region (Rioja)	8	Interviews with regional stakeholders of La Rioja region Information exchange, consulting and networking	Regional	
NA60	04/06/09	Garray (Spain)	the main stakeholders of the region (Rioja)	6	Interviews with regional stakeholders of La Rioja region. Plan activities	Regional	
NA61	07/07/09	Garray (Spain)	the main stakeholders of the region (Rioja) and authorities	10	Interviews with regional stakeholders of La Rioja region Following of the previous meetings	Regional	
NA62	16/07/09	Burgos (Spain)	A member of the Madagascar Spanish network	3	Cooperation and information activities	Regional	

NA63	21/07/09	Soria (Spain)	the main stakeholders of the region (Castilla y León)	8	Interviews with regional stakeholders of Catilla y León region	Regional	
NA64	05/09/09	Madrid (Spain)	A member of the Madagascar Spanish network	3	Strategic meeting discussing how to expand the biogas sector	Regional	
NA65	01/10/09	Logroño (Spain)	A member of the Madagascar Spanish network	2	Exchange of general information	Regional	
NA66	22/12/09	Zaragoza	Member of the Madagascar Spanish network	30	Assessment of the developments planned and of the pilot actions planned. These are the main conclusions: To continue with the Spanish network To finish the pilot project in progress (building the filling station and the biogas plant)	National	WP3-FSV-NA21_agenda WP3-FSV-NA21_participants
NA67	17.2.09	Ljubljana	Association of gas supply companies	3	Presentaion of the Madagascar project	national	
NA68	7.4.09	Ljubljana	Gas supply companies	13	Presentaion of CNG and biogas use in traffic	national	Presentations, participant list, pictures
NA69	6.4.09	Maribor	Municipalities	8	Presentaion of CNG and biogas use in traffic	regional	minutes
NA70	23.10.2007	LEI	The local municipal authorities, stakeholders, private companies and users	14-16	The bilateral personal meetings and contacts by phone and e-mail with partners for selecting members of network	Regional and national	WP3/NA1_invitation WP3/NA1_inquiry by e-mail
NA71	14.12.2007	Vilnius	Regional administration, private consumers	16	The problems of transport in the Vilnius streets was discussed	Regional	WP3/NA2_minutes

NA72	16.01.2008	LEI	The local municipal authorities, fuel suppliers, natural gas suppliers	10-12	Representatives of the main stakeholders of the selected regions attended the action and meeting	Regional	<i>WP3/NA3_invitation</i> <i>WP3/N3_minutes</i>
NA73	2009.20.10	Seat of Anlero-Polska	CNG installation service station	2	company has been established in 1983. Since 1997, the company's activity is the manufacture, import, export and distribution of alternative power systems for CNG, LPG to gasoline and Diesel vehicles. Nova SGIS installation is delivered to Iberia Moor Company - importer Seat cars	Regional	<i>NA1</i>
NA74	2009.01.15	Seat of FHU DARMIL	CNG installation service station	2	small private-own company. Installs and provides maintenance for CNG/LPG installations Elpigaz		<i>NA2</i>
NA75	2009.21.23	Seat of Miejskie przedsiębiorstwo Wodociągów i Kanalizacji	Local authorities	2	Company has mounted CNG installation for Wawa Taxi. Technical and economical aspects of use CNG installation has been erected.	Regional	<i>NA3</i>
NA76	2008.12.30	Seat of IEO	National gas provider	2	Mazowiecka Spółka Gazownictwa sp. z o.o. supplies gas to customers in the Provinces of Warsaw, Łódź and Białystok, as well as in certain parts of the Provinces of Lublin, Olsztyn and Kielce. MSG sp. z o.o. connected 21.7 thousand new customers to the gas network. The company is owner of 2 existing natural gas stations in the mazowieckie voivodeship.	Regional	<i>NA4</i>
NA77	2009.01.13	Seat of City Council of Warsaw	Local authority	2	meeting with Leszek Drogosz, deputy director of the Infrastructure Office who is responsible for transport in Warsaw		<i>NA5</i>

NA78	2009.02.13	Seat of City Council of Warsaw	Local authority	6	Climate Protection Team has been erected in Urząd Miasta Warszawa to make solutions for lowering carbon dioxide to atmosphere and lowering power consumption in Warsaw. Outcome of The Team will form "Strategy of Climate Protection for Warsaw". Warsaw is involve in several "green initiatives".	National	NA6 NA6_attachment
NA79	2008.04.06	Seat of Wawa Taxi	Taxi company		Wawa taxi is the only taxi company of cars driven by CNG	Regional	NA7
NA80	15.07.2009	Rzeszow	Waste truck fleets owners	12	Joined meeting with demonstration NGV truck Econic working as Waste truck	Regional	<i>Example: WP3_FSV_NA1_invitation WP3_FSV_NA1_minutes WP3_PAE_NA1 Available in web as fotostory</i>
NA81	2008.06.16	Rzeszow	of key actors of CNG	App. 25	organized meeting of key actors of CNG. Project Madagascar was presented on meeting, the main obstacles of development of NGV's like no legislation support on national and regional level, no interest from small buses fleets about CNG driven cars.	Regional, national	<i>Example: WP3_FSV_NA2_invitation WP3_FSV_NA2_minutes</i>
NA82	070124	Stockholm	All biogas actors on the market in the region	68	Large regional network meeting	regional	<i>WP3_MN_NA1_Invitation WP3_MN_NA1_List of participants</i>
NA83	080421	Stockholm	Strategic networking group	8	Small regional network meeting	regional	<i>WP3_MN_NA2_Minutes</i>
NA84	080509	Malmö	Network meeting with partner SEA	4	Partner meeting		Cost statement, IR report (tickets)
NA85	080512	Gothenburg	Network meeting Biogas Max partner and regional biogas network	4	Meeting to learn more about regional biogas networks and the EU project Biogas Max		Cost statement, IR report (tickets)

NA86	080825	Stockholm	Strategic networking group	8	Small regional network meeting	regional	WP3_MN_NA5_Minutes
NA87	081203	Stockholm	Strategic networking group	9	Small regional network meeting	regional	WP3_MN_NA6_Minutes
NA88	081114	Stockholm	Meeting with regional county boards	6	Small regional network meeting with a specific target group, to discuss the development of biomethane in the region from their perspective.	Regional	WP3_MN_NA7_List of participants
NA89	081120	Stockholm	Meeting with regional public entities	12	Small regional network meeting with a specific target group, to discuss the development of biomethane in the region from their perspective.	Regional	WP3_MN_NA8_List of participants
NA90	081124	Stockholm	Meeting with regional universities	8	Small regional network meeting with a specific target group, to discuss the development of biomethane in the region from their perspective.	Regional	WP3_MN_NA9_Invitation
NA91	081201	Stockholm	Meeting with regional consulting companies	10	Small regional network meeting with a specific target group, to discuss the development of biomethane in the region from their perspective.	Regional	WP3_MN_NA10_Invitation
NA92	081205	Stockholm	Meeting with regional biogas producers	11	Small regional network meeting with a specific target group, to discuss the development of biomethane in the region from their perspective.	Regional	WP3_MN_NA11_Invitation
NA93	081209	Eskilstuna	Meeting with regional municipalities	5	Small regional network meeting with a specific target group, to discuss the development of biomethane in the region from their perspective.	Regional	WP3_MN_NA12_Invitation
NA94	081210	Stockholm	Meeting with regional energy companies	5	Small regional network meeting with a specific target group, to discuss the development of biomethane in the region from their perspective.	Regional	WP3_MN_NA13_Invitation
NA95	081212	Stockholm	Meeting with regional public transportation authorities and bus operators	8	Small regional network meeting with a specific target group, to discuss the development of biomethane in the region from their perspective.	Regional	WP3_MN_NA14_Invitation

NA96	090421	Uppsala	All biogas actors on the market in the network	38	Large regional network meeting	Regional	WP3_MN_NA15_List of participants
NA97	091119	Västerås	All biogas actors on the market in the network	30	Large regional network meeting	regional	WP3_MN_NA16_List of participants
NA98	30.04.08	Vienna	Representatives of the regional government of Lower Austria	7	Presentation of the Madagascar project and the benefits of CNG and biomethane in general	regional	WP3_AEA_NA1_presentation.ppt
NA99	08.05.08	Vienna	Representatives of OMV, Austrian largest gas supply company	6	Presentation of the Madagascar project, identification of common fields of activities	national	WP3_AEA_NA2_presentation.ppt
NA100	09.07.08	St. Pölten	Representatives of the main stakeholders in Lower Austria (gas supplier, car dealers, regional government etc.)	12	1st regional network meeting – building up of a regional consortium	regional	WP3_AEA_NA3_minutes.doc WP3_AEA_NA3_participants.doc WP3_AEA_NA3_presentation.ppt
NA101	14.10.08	St. Pölten	Network partners	14	2nd regional network meeting – presentation of work plan for 2009	regional	WP3_AEA_NA4_presentation.ppt WP3_AEA_NA4_workplan.doc WP3_AEA_NA4_minutes.doc WP3_AEA_NA4_participants.doc WP3_AEA_NA4_agenda.doc WP3_AEA_NA4_timetable.xls

NA102	19.11.08	Vienna		3	Bilateral meeting with "ÖAMTC Akademie" – subsidiary organisation of Austria's largest automobile club and potential partner for the final conference	national	
NA103	27.11.08	Vienna	Gas industry	5	Meeting with representatives of Energieallianz, the gas supplier of the federal provinces of Lower Austria, Vienna and Burgenland	regional	WP3_AEA_NA6_presentation.ppt
NA104	06.12.08	Vienna		3	Bilateral meeting with representatives of the regional government in Lower - Austria – adjustment for common regional activities	regional	
NA105	16.12.08	Vienna		7	Meeting with representatives of Energieallianz and the government of Lower Austria. Presentation and discussion of next activities	regional	WP3_AEA_NA8_minutes.doc
NA106	14.01.09	Vienna	Petrol station owner	3	Strategic meeting referring new petrol stations	regional	
NA107	30.06.09	Vienna			Meeting with representatives of Energieallianz. Discussion of common activities.	regional	
NA108	22.07.09	Vienna		2	Bilateral meeting with representatives of the regional government in Lower - Austria – adjustment for common regional activities	regional	
NA109	13.08.09	Vienna		5	Meeting with representatives of Energieallianz. Discussion of common activities.	regional	WP3_AEA_NA11_minutes.doc
NA110	14.12.09	Vienna		2	Bilateral meeting with representatives of the regional government in Lower - Austria – adjustment for common regional activities	regional	
NA111	xx.02.09	St. Pölten	Network partners	13	Final regional network meeting	regional	

Activity	Activity n°	Date	Place	Target group	N° Participants	Short Description	Scope (regional, national, European)	Related attachments
Workshops	NA112	080827	Malmö	Transport and biogas sector	32	Invited speakers talking about biogas and transportation with bio methane. Presentation of the work carried out within BiogasSyd in the field	Regional	<i>SEA_WP3_N9_invitation SEA_WP3_N9_attendants</i>
	NA113	090318	Malmö	Biogas sector etc and others invited	26	Presentation of ongoing projects in the biogas sector. Also presentation of biogas related companies.	Regional	<i>SEA_WP3_N10_invitation SEA_WP3_N10_attendants</i>
	NA114	090504	Eslöv	Waste water treatment and agricultural sector	19	Presentations and discussions about the possibilities to use sludge as fertilizer after biogas production.	Regional	<i>SEA_WP3_N11_invitation SEA_WP3_N11_attendants</i>
	NA115	091111	Växjö	SME's official and private entities.	20	Inspiration and information Bio Methane	Local	<i>ESS_WP3_E9_Invitation ESS_WP3_E9_Participants_list</i>
	NA116	16.11.2007	Fürstenfeld	Communities, companies and interested people	50	Mobility management in companies and municipalities – Fleet conversion to CNG and biogas driven vehicles Project presentation, information and offer to fleet managers to change vehicles to CNG	regional	<i>WP3_GEA_presentation_Flottenumstellung_Fürstenfeld</i>
	NA117	25.02.2008	Hartberg	Biomethane users	2	Consulting Öko Park Hartberg	regional	<i>Information material</i>
	NA118	07.06.2008	Liezen	Interested people	15 - 20	Environ-mental day Liezen	regional	<i>Information material</i>
	NA119	10.09.2008	Zwettling	Mercedes Customers (fleet managers)	20 -30	Natural gas day - Mercedes Wittwar Information exchange, test drive, fuelling cars, dissemination of information material, personal consulting	regional	<i>Information material</i>
	NA120	20.09.2008	Aigen	Fleet managers, private car owners	15 - 20	Nutzfahr-zeuge Ausstellung (motor show) Information exchange, dissemination of Information material, personal consulting	regional	<i>Information material</i>
	NA121	14.02.2009	Leibnitz	Interested people	30	Project "Fair Drive" (Matura-projekt HAK Leibnitz) Information exchange, dissemination of information material, personal survey	regional	<i>Information material, presentation survey</i>
	NA122	21.04.2009	Maribor	Interested people	40	Workshop for EA Maribor Information exchange, personal consulting	national	<i>WP3_StGW_GEA_presentation_the use of CNG in the Styrian Region</i>

NA123	01.12.2009	Graz	Relevant actors of City of Graz	25	Workshop Energy efficient mobility and alternative fuels Discussion about measures within the responsibility of Graz	regional	
NA124	11.09.2009	Berlin	Private car owners, companies (i.e. handcraft delivery vans)	~ 1000	Opening event: "Arrival of biomethane in Berlins gas filling stations"; 3 daypromotion CNG-cars (in cooperation with VNG), radio interview on Radio 104.6, distribution of promotion material; presentation video	Regional	<i>BEA-GASAG-Biogas09-051k.jpg</i> <i>BEA-GASAG-Biogas09-007k.jpg</i>
NA125	26.02.10	Berlin	fleet manager (pick up, delivery van)	~50	Workshop for interested Fleet owners; Presentation of CNG cars, Presentation of economical and ecological advantages of biomethane	Regional	<i>BEA_100226_Inviting.pdf</i>
NA126	27/02/09	Zaragoza	experts and key stakeholders	20	Promotion of the activities related to the gas and biogas field applied to the automotive sector	National, Regional	WP3-FSV-NA22_photo1.jpg WP3-FSV-NA22_photo2.jpg
NA127	22/12/09	Zaragoza	Members of the Madagascar Spanish network	20	Promotion of pilot actions related to upgrading gas in order to assess new technologies and possibilities.	National, Regional	
NA128	7.4.2009	Ljubljana	Leadership of GIZ DZP and Energap	13	<i>National Assotiation of natural gas supplier (GIZ DZP)</i> Presentation CNG use	national	Presentations, participant list, pictures
NA129	21.04.2009	Ljubljana	Leadership of GZS, memers of GIZ DZP, Energetics, car-schools, car dealers, bus company	46	Conference "CNG in cars" Presentation of project Madagascar and present good practice from Austria, Czeks Republic, Sweden and Slovenian.	national	Pictures, presentation
NA130	31.01.2008	Kaunas (KTU)	Local authorities, members of municipal and regional government	10	The singularities of alternative fuels for transport was presented	Regional	<i>WP3/NA4_invitation</i> <i>WP3 /NA3_presentation</i>
NA131	5,6.02.2009	Kaunas (KTU)	Local authorities and private consumers	12	The possibilities of alternatives fuels including gaseous use for transport was discussed	Regional	<i>WP3/NA5_invitation</i> <i>WP3 /NA5_presentation</i>

	NA132	5.6.02.20 09	Kaunas (KTU	Local authorities and private consumers	10	The evaluation of biogas production for energy in Lithuania was discussed	Regional	WP3/NA6_invitation WP3 /NA6_presentation
	NA133	25.04.08	Graz		4	Meeting with GEA and StGW. Exchange of general information about activities in Lower Austria and Styria as well as overall Austria	National	
	NA134	14.05.08	Vienna		2	Exchange of information about biogas upgrading with OMV, who runs a pilot plant in Bruck an der Leitha, Lower Austria	regional	

Activity	Activity n°	Date	Place	Target group	N° Participants	Short Description	Scope (regional, national, European)	Related attachments
Visits of demonstration	NA135	080925	Kalmar	SME's and private entities.	Approx 80	Inspiration seminar and demonstration of Kalmar Biogas system	Local	<i>ESS_WP3_E10_Invitation</i> <i>ESS_WP3_E10_Participants list</i>
	NA136	10.06.2008	Landscha	Biogas plant operator	3	Visit biogas plant	regional	<i>Information material</i>
	NA137	29.04.2008	St. Margarethen an der Moos, Lower Austria	Biogas plant operator, interested community	15	Visit biogas plant and filling station Presentation of biogas plant and the connected filling station	national	
	NA138	22.09.09	Rathenow	European agencies and institutions	17	Visit and presentation of demonstration biogas plant in Rathenow	European	<i>BEA_Rathenow.JPG</i>
	NA139	23.06.2009	Berlin	Regional Madegascarnetwork	12	Inspection of home refuelling appliances - Visiting CNG-house	National	<i>Heimbetankung1.JPG</i> <i>Heimbetankung2.JPG</i>
	NA140	20/10/08	Zaragoza	stakeholders	15	Visit the company Hispano Carrocera to know a close experience of using gas in coach and public transport. (filling station, place of the tanks...)	National	WP3-FSV-NA24_photo1 WP3-FSV-NA24_photo2 WP3-FSV-NA24_photo3 WP3-FSV-NA24_photo4
	NA141	27/02/09	Zaragoza	stakeholders	10	Visit to a Hydrogen filling station as example of an innovative action in Aragon, it is the first filling station. The owner is the same, Zoilo Rios, who has developed the first GN filling station within Madagascar activities.	National	WP3-FSV-NA25_photo1
	NA142	23/06/09	Barcelona	stakeholders	50	Dissemination of technologies for upgrading and enrichment of gas	National	WP3-FSV-NA26_photo1 WP3-FSV-NA26_photo2 WP3-FSV-NA26_photo3 WP3-FSV-NA26_photo4 WP3-FSV-NA26_photo5
	NA143	15.05.08	Gleisdorf, Mureck	University, Academic, Profesores	37	Visiting the good practice case in Austria Visiting CNG filling station in Gleisdorf and Bioenergi Mureck.	European	pictures
	NA144	04.12. 2009	Mureck, Nemščak	Municipality, Energap	18	Visiting the good practice case in biogas production in Austria and Slovenia Visiting biodiesel production in Mureck and biogas production in Nemščak.	European	Pictures, minutes, participation list

NA145	14.10.2008	Kaunas, Klaipeda	Regional administration, private consumers	n.a	The special adapted for CNG bus was demonstrated on Kaunas, Klaipeda streets	National	WP3/NA7_informatin
NA146	04.11.09	St. Margarethen /Moos	General interested persons	6	Demonstration of biogas upgrading plant	regional	WP3_AEA_NA16_invitation.pdf

Activity	Activity n°	Date	Place	Target group	N° Participants	Short Description	Scope (regional, national, European)	Related attachments
Other:---	NA147	26.09.2007	Graz	Energy interested people	50	Nöst Energy Lunch Presentation of the project to interested people	regional	
	NA148	Pending	Zaragoza - Huesca	Public in general	Key actors of Spanish Madegascar Network	Opening new filling station. In progress. Setting a filling station for gas supply; it is the first experience for personal vehicles in Aragon	Regional,National	N/A
	NA149	Sep 09	Zaidín (Huesca)	Farmers	N/A	Starting of the construction works for a biogas plant. In progress the construction works of the infrastructure	Regional	WP3-FSV-NA28_press1 WP3-FSV-NA28_press2 WP3-FSV-NA28_press3 WP3-FSV-NA28_boe
	NA150	During the project		stakeholder	N/A	E-mailing and telephonic contact to inform of the developments of Madegascar Project and to promote the Spanish Network.	Regional National	
	NA151	20/01/09	Madrid (Spain)	A member of the Madegascar Spanish network	N/A	Hera, member of the Madegascar Spanish Network, join the new Spanish Association of Biogas (AEBIG) founded in 20/01/09	National	http://www.aebig.org/ WP3-FSV-NA30_AEBIG
	NA152	June 09	Albarracín (Spain)	Madegascar Spanish network	25	Visit the diferents areas where the Regional Government has planned to set up different plants of Biomass	National	WP3-FSV-NA31_press1 WP3-FSV-NA31_press2
	NA153	Periodicaly during project time	LEI	The local municipal authorities, stakeholders, private companies and users	n.a.	Periodically takes short information for interested residents through phone and e-mail concerning CNG use for transport, including information about liquid natural gas etcetera.	Regional	n.a.

	NA154	1999.06.1 9	EXPO XXI Tade Center	Local and international developers, investors, suppliers of equipment, representatives of industry and regional administration interested in biogas investments	100	Semminar organised by Institute for Renewable Energy has taken place in Warsaw, 26th of June 2009. The state of the are of the biogas sector in Sweden (including transport) has been presented by Józef Neterowicz PhD, environmental protection and renewable energy specialist at The Association of Polish Counties and the Member of the advisory committee for energy at the Polish Parliament. MADEGASCAR leaflets and promotional materials has been holded in for conference participants.	European	SE1
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6. Dissemination strategy (Network)

Action	Short description	Related attachments
Video	Some partners have developed a video as a dissemination tool	BEA_07092009.mpg San Valero
Press-release	Most of the partners have disseminated their networks in media	<p>WP3_STGW_press release Post AG</p> <p>WP3_STGW_press release Rotes Kreuz_1</p> <p>WP3_STGW_press release Rotes Kreuz_2</p> <p>WP3_STGW_GEA_press release Styrian Administration is driving on gas</p> <p>WP3_GEA_Styrian Administration_photo_1</p> <p>WP3_GEA_Styrian Administration_photo_2</p> <p>WP3_STGW_press release DPD_1</p> <p>WP3_STGW_press release DPD_2</p> <p>WP3_STGW_press release Fahrschule Andritz</p> <p>WP3_STGW_press release Weiz</p> <p>WP3_STGW_GEA_Erdgas-Fahrzeuge-Stadt Graz</p> <p>WP3_STGW_press release Knittelfeld</p> <p>WP3_STGW_press release Tiefgaragen</p> <p>WP3_STGW_press release_Erdgas der Boom beginnt</p> <p>WP3_STGW_press release_Kampl Habian</p> <p>090928_Energie_Impulse.pdf</p> <p>http://www.berliner-eagentur.de/pdf_files/EnergieNavigator_09_05.pdf</p> <p>WP3_FSV_Articulo SOITU MADEGASCAR.PDF</p> <p>WP3_FSV_Articulo Terra MADEGASCAR.PDF</p> <p>WP3_FSV_ASAEL magazine page 14.pdf</p> <p>WP3_FSV_BIODieselSpain MADEGASCAR.PDF</p> <p>WP3_FSV_BIOFUEL Cities.PDF</p> <p>WP3_FSV_FSV NEWS WEB PAGE.PDF</p> <p>WP3_FSV_MADEGASCAR DiCYT.PDF</p> <p>WP3_FSV_PROYECTO MAGAZINE MADEGASCAR.PDF</p> <p>WP3_FSV_webalalza MADEGASCAR.PDF</p> <p>http://www.autocentrum.pl/lpg/a-moze-madegascar/</p>
Participation in Congress	The projects partners have participated in congresses to promote the network and project, In some cases, members of the different Madegascar network have represented the project.	<p>WP3_StGW_presentation_Erfahrungen mit Gas Fahrzeugen_Klimabündniskonferenz</p> <p>WP3_StGW_presentation_Biomethan alternativer Kraftstoff_FLGÖ</p> <p>WP3_StGW_presentation_all time high der Spritpreise</p> <p>WP3_StGW_presentation_Fuhrpark Management 2009</p> <p>BEA_100204_Biomethane_Berlin.pdf</p> <p>WP3_FSV_comunication_conama</p> <p>WP3_FSV_brochure_conama</p> <p>WP3_FSV_identification_conama</p> <p>WP3_FSV_identification_conama</p> <p>WP3_FSV_presentation_biosofc</p> <p>WP3_FSV_brochure_biosofc</p> <p>WP5_FSV_A4_programme_GNV09</p> <p>WP5_FSV_A5_programme_Genera09</p> <p>WP5_FSV_A6_brochure_alternative vehicles</p> <p>WP5_FSV_A6_identification_alternative vehicles</p> <p>WP5_FSV_A6_photo1_alternative vehicles</p> <p>WP5_FSV_A6_photo2_alternative vehicles</p> <p>WP5_FSV_A6_photo3_alternative vehicles WP5_FSV_A6_photo4_alternative vehicles</p> <p>WP5_FSV_A6_photo5_alternative vehicles</p>
Publications	A couple of partners have publications telling about the network	SEA_WP3_N12_folder WP3_“Science and Technology” monthly magazine. 2009/01 p14-17. ISSN 0134-3165
Web site	All the partners have disseminated the activities in their webs some ne in specific webs sites.	<p>SEA_WP3_N13_web</p> <p>http://www.berliner-e-agentur.de/</p> <p>http://www.saubererfuhrpark.de/front_content.php?idcat=29</p> <p>http://www.autocentrum.pl/go/338_A_moze_MadeGasCar%3F__1900322566.html?l=1</p> <p>http://www.elpigaz.com/?p=pl/menu/6/7/index</p> <p>http://pae.org.pl/index.php?action=more&id=54</p>

Add rows if it is necessary

7. Future of the regional network.

The regional networks established are well composed and they are very strong. Future networking of the most important stakeholders of each region will take place. The members of the different networks are interested in a further cooperation; different meetings, activities and training will be arranged.

The European contacts made will go on with the possibility of future contributions and collaborations as well as submission of new projects.

8. Members of the Regional Network

	Entity	Profile / Field * (Code)
1	All the participating regions in Madagascar project have established the regional network with a representation of the key actors of the Biogas/Gas puzzle	SUPPLY TREATMENT AND DISTRIBUTION UTILISATION LPG OTHERS

SUPPLY

S1: Energy companies/gas suppliers

S2: Companies that owns and runs biogas plants

S3: Companies that build biogas plants

S4: Companies that sell/produce/develop components for biogas plants

TREATMENT AND DISTRIBUTION

T1: Owners of biogas upgrading plants

T2: Owners of gas filling stations

T3: Gas grid owners

T4: Companies that sell/produce/develop components for biogas upgrading plants

UTILISATION

U1: Vehicle manufacturers

U2: Vehicle salesmen/car-dealers

U3: Major vehicle fleet owners

U4: Companies that convert petrol vehicles to run on gas

LPG

L1: Companies that can convert LPG vehicles to run on methane gas

OTHERS

O1: Research institutes

O2: Municipalities

O3: Local, regional and national authorities

O4: Non-profit organizations

9. Comments/suggestions:

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