



D 2.2 Intermediate report on networking activities

Project acronym	EPIC 2020
Project title	Symbiotic bio-Energy Port Integration with Cities by 2020
Start/end date of the project	01.04.2013 – 31.03.2016
Project coordinator	City of Malmö
Responsible partner author	Manolis Mallis Akarport S.A. Development Division Director Tel: +30 21 061 940 20 E-mail: mallisma@akarport.com
Involved partners	City of Malmö HCN LiU AGIRE SST Provincia di Mantova
Deliverable due month	September 2014



This report summarizes the WP2 activities performed in the frame of the EPIC 2020 project as regards the following deliverables:

- D2.2: Concluding and intermediate report from general meetings within the 4 site networks
- D2.3: Concluding and intermediate report from national conferences
- D2.4: Concluding and intermediate report from trans-network meetings

In general, all site-specific networks have now been established and have held at least one or more events. Some delays in Astakos (for political reasons) and Wismar (change of management team) occurred, but these are being alleviated through bilateral communications with stakeholders and planning for the next activities is already in place. Planning for national conferences has already started and the first trans-network meeting will take place on October 2014 in Malmo. More detailed information about each site is presented below.

Progress of networking activities (M1 – M18)

Malmo

Two workshops were held in Malmö before the official start of the project. About 50 participants from 20 companies and institutions participated in the first workshop; the second had about 20 participants. There was a great interest for Industrial Symbiosis (IS) and an expressed need to establish a network. It was also expressed that upcoming meetings must be short, concise and with a clear orientation and agenda. Therefore, no initial launch event (as described in Annex I to the Grant agreement) was held in Malmö after the beginning of EPIC2020, but the focus has been on bilateral meetings and smaller sized workshops with key stakeholders.

As earlier stated key stakeholders have been identified by the local EPIC management group¹ by setting up different scenarios of IS activities, showing different actors in the center of the symbiosis. These key actors have been approached bilaterally and also invited to smaller workshops which were held in 2014 (see table below). The workshops have been thematic to reach the group of stakeholders interested in the particular focus area, which led to relevant participants at all events.

In between workshops the local EPIC management group has had bilateral meetings with several actors to investigate in more detail their current situation and ideas for future development with neighboring companies. The Malmo group has also been workshop leaders on internal stakeholder workshops, to assist individual stakeholders in their development towards higher resource efficiency. Without being able to put a figure on interest, the feeling is that more actors see a clear opportunity by participating in the network and investigating their own resource flows.

The local EPIC management group has also identified institutional stakeholders, where the Exploitation Group (Etableringsgruppen) was assessed to be of greatest importance. The group has decision power over new establishments in the harbour area and consists of representatives from the port and heads of departments in the City of Malmö. EPIC 2020 and the concept of IS was briefly described at one of their regular meetings, and the management group were invited back to present EPIC 2020 in more detail. All technical departments have after that meeting appointed representatives on management level to address within the Industrial Symbiosis focus area. This is an important step to get all departments inline and well informed about projects and actions that wins on a gathered planning approach.

¹ The Malmö local EPIC management group consists of representatives from City of Malmö, E.ON and Linköping's University.

A more detailed description of identified stakeholders and planned networking activities is available in the Network development plan for Malmö (D2.1).

Date	Place	Total Participants	Companies	Cooperatives	Municipalities or other public servants	Expressed interest for networking participation
11/12/2013	Malmö	11	1	-	5	-
6/2/2014	Malmö	12	4	-	3	7
13/3/2014	Malmö	14	9	-	2	9
26/5/2014	Malmö	13	5		3	6
5/9/2014	Malmö	14	5		3	8

Astakos

Industrial Symbiosis is an entirely new concept in Greece and most, if not all, potential network members have little or no knowledge of it. Coupled with this, the bioenergy potential of the area near the Astakos port had not been evaluated before the project start. To overcome this obstacle, Clean Energy was hired as a subcontractor of AKARPORT to conduct an evaluation study of the regional biomass / bioenergy potential. A first draft of the study was finalized in late spring 2014, taking into account mostly literature sources and statistical data, which indicated that the bioenergy potential of the region was promising.

A second stage of the study (summer – autumn 2014) focused mostly on a “door-to-door” approach, with direct communications with important business actors and stakeholders, aiming to a) collect more updated data on their biomass residue production, current means of utilization and/or disposal and b) to inform them about the activities of the EPIC2020 project. The information collected in the frame of this study is presented in D3.1.

Key stakeholders for the network have been identified either directly, when business contacts were already in place with AKARPORT as part of their standard practices (e.g. import/export of raw materials and products), or indirectly, through lists supplied by Regional and local authorities and the “door-to-door” survey of the subcontractor. Contacts have been established with several important industrial actors (e.g. animal farms, cheese production companies, slaughterhouses, aquacultures / fish farming units, olive mills, rice producers) through phone communication and email exchanges. In these introductory contacts, actors were extensively notified about EPIC 2020 project, the scope of its activities, the IS concept, as well as the other stakeholders that have expressed interest in the project.

An initial launch Event was organized in the city of Agrinio on the 10th of March 2014. The first meeting was planned as a public event and disseminated to a number of key actors that had been identified at this stage. Attendance reached 18 entities. Out of them (4) were olive producers, (1) slaughterhouse, the biggest rice producers company in Greece (Agrino), the biggest aquaculture company in Greece (Nireas) and the biggest agriculture cooperative union in the Region. The workshop included a number of presentations, aiming to address various aspects of the bio-based IS approach.

A more detailed description of identified stakeholders and planned networking activities is available in the Network development plan for Astakos (D2.1).

Date	Place	Total Participants	Companies	Cooperatives	Municipalities or other public servants	Expressed interest for networking participation
10/03/2014	Agrinio	18	17	1	-	7

Mantova

A series of local meetings were held to establish a first network between citizens, enterprises and institutions during the winter of 2013/2014. On 25th March 2014, the Network Meeting Launch event was held. The details of the series of events are as follows:

Date	Place	Total Participants	Companies	Cooperatives	Municipalities or other public servants	Expressed interest for networking participation
16/12/2013 kick off workshop	Valdaro Business Centre	20	10	-	7	-
25/02/2014 Institutions and citizens thematic workshops	Port Authority officeces (Valdaro)	14	1	-	7	-
27/02/2014 Enterprises thematic workshop	Port Authority officece (Valdaro)	10	4	-	5	-
10/03/2014 All stekeholders groups workshop/forum	Port Authority officeces (Valdaro)	8	3	-	4	-
25/03/2014 Launch event for network	Valdaro Business Centre	29	19	0	10	13

An intervention to involve more local and external stakeholders in the network activities was held by eng Simone Stancari during the Partner Meeting of the INWAPO project (aims to improve unexploited good traffics in the ports of EU) reaching the direct subscription of a new member (RAIL SHIPMENT, see in the following network member table) and the interest by other two external public bodies as the Port Authority of Venice and the EINE- Enti di Industrializzazione del Nord Est from the port of Trieste area. Communication PR material of EPIC 2020 project was distributed at the participants with the network subscription form.

A national conference is in preparation on 15th of October at the Chamber of Commerce of Mantova (subscriber of a Letter of Support of the project in the application phase) by the Regional Green Chemistry Cluster association, with an intervention of Eng. Simone Stancari of PP2 / AGIRE on the european project EPIC 2020 as a purpose for the sustainable development of the local critical industrial district; dissemination product about this last is published on the AGIRE website (www.agirenet.it) and distributed by the AGIRE newsletter reaching more than 1100 recipients.

A preparation series of activities was undertake by AGIRE to identify, invite and accompany local network representatives to the first Trans/national network meeting in Malmo on 22th of 2014 Oct.

At the moment the Environment Assessor of the Province of Mantova is involved to participate to the transnational meeting and the efforts are made to convince a bio-based business investor to participate as well. At the end Mr. Entico Frizzera, AD of Amanni Energy and Counselor of Gruppo Manni SpA inc. Give us his participation at the trans-network meeting in Malmo on 22th of 2014 Oct.

Wismar

One workshop was held in November 2013 in Wismar with stakeholders from the wood value chain and the city office of the Hansestadt Wismar. 31 participants from 27 companies and institutions participated in this workshop. There was a great interest for Industrial Symbiosis (IS) and its application in the wood and timber industry. Although any conversion installations are established in the Holz Cluster Nord Area, the stakeholders are interest to be informed over new possibilities and new networking contacts to customers for their conversion products. Stakeholders from public organisations outside of Wismar visited this Workshop to receive information about the further development of this large industry cluster in Wismar.

After the initial launch event in Nov. 2013 bilateral meetings took place with the members of the network in Wismar as well as in Rostock. We could achieve to introduce stakeholders from the wood processing industry and from educational institutions as well as the municipality of Wismar to the ideas and the concept of EPCI 2020. Meetings with the following stakeholders have been arranged.

- Hochschule Wismar (University of Applied Sciences Technology, Business and Design)
- Egger Holzstoffwerke Wismar GmbH & Co KG. (and other partners related to the wood processing industry)
- FWV-MW e.V. (Forestry Association of Mecklenburg Western Pomerania)
- Rostocker Fracht und Fischereihafen GmbH (Rostock harbor)

Date	Place	Total Participants	Companies	Cooperatives	Municipalities or other public servants	Expressed interest for networking participation
28/11/2013	Wismar	31	20	-	7	20
10/12/2014	Rostock	4	2	-	2	4
24/01/2014	Wismar	4	2	-	2	4

Planned networking activities / Deviations

Malmö

Planned networking activities in Malmö will continue with a focus on bilateral meetings with different stakeholders. There will also be larger workshops with different stakeholder groups, more detailed information about these meetings can be found in the Network development plan for Malmö (D2.1). Below is a list of upcoming meetings in 2014.

Date	Place	Description	Stakeholders
October 2014	Malmö	Transnational network meeting. Planned to focus on actors perspective on why they are interested in IS.	PCG and representatives from each port area
October 2014	Malmö	Network meeting within the city's technical department to inform about	Technical departments within City of Malmö

		activities within Epic, and to discuss the port development	
November 2014	Malmö	Meeting focusing on new project ideas connected to IS and heat solutions	Network partners
November 2014	Malmö	Meeting to discuss development of the network and focus areas for upcoming meetings.	Management Group
March 2015	Malmö	Conference within another EU-project managed by Malmö, that will be focusing on IS, harbour development and urban supply systems. An opportunity to promote and get input to Epic.	The target group is public bodies, companies within energy and other supply sectors, institutions, partners within 1 EU-project, 1 national project and Union of Baltic cities.
2015	Malmö	Network meetings for 2015 is not planned yet	Malmö network

No deviations are reported for Malmö.

Astakos

There was significant delay in involving the local municipalities and regional authorities in the Astakos network due to the municipal / regional elections in May 2014. The elections resulted in the change of almost all public representatives of the local government in the area (for example, the mayors of Agrinio and Messologgi and the Regional governor of Western Greece), with the new authorities being sworn in office on the beginning of September 2014.

Local municipalities and regional authorities are expected to play a major part in the formulation of an IS concept either as biomass producers (e.g. from municipal waste streams) or potential producer and possibly end-user of bioenergy (e.g. through waste-to-energy plants, district heating networks, use of biomass in public buildings, etc). For this reason and given the economic crisis in Greece which has hindered private investments, AKARPORT insisted in their involvement in the network and initiated phone contacts with the new mayors in order to inform them about the IS activities in the wider Astakos area.

Following these communications, the next network meeting, which will also start the bioenergy incubator of WP4, will take place in late October 2014 in the city of Agrinio. The meeting date is pending depending on the availability of the mayor, who is planning a municipal waste treatment unit with a capacity to accept some 70.000 tons per year waste from all the major municipalities of the prefecture. The meeting is planned as a round-table discussion of key stakeholders, where the main ideas for an IS network outlined in D2.1 (Network Development Plan) will be presented and elaborated. Following this meeting, AKARPORT plans for a follow-up meeting in January 2015, while additional upcoming will be scheduled every 3-4 months till the end of the project.

Additionally, AKARPORT is considering organizing host the national network meeting in the frame of the Global Conference on Global Warming (<http://www.gcgw.org>), which will be held in Athens, Greece on 25-27 May 2014. The Conference is co-organized by the Centre for Research and Technology Hellas and the Academy of Athens, which is the oldest and most prestigious Academic institution in the country. The national meeting is planned as a parallel session in order to attract more national stakeholders.

Wismar / Rostock

During the problems with the EC concerning the takeover of tasks formally belonging to SHW (Seehafen Wismar), the Wismar harbor team (HCN/SST) has to wait for the permission of EC to continue with the work on WP2 and to take over the tasks of SHW. Nevertheless, the Wismar harbor team has already expanded the network in order to include the port of Rostock and locally stakeholder in the EPIC 2020 project context. The next local general meetings will be held after EC decision. At the moment, these meetings are planned for both harbors Rostock and Wismar.

Mantova

The following networking activities are planned for Mantova:

Date	Place	Stakeholders
Since 2014 Nov.	Mantova	Thematic network meeting both scheduling and holding
By M32	Mantova	Public Hearing
By M35	Mantova	Policy Hearing

Contact information about network members and stakeholders

Detailed information on the network members and stakeholders for each port site is available in the attached excel file "EPIC2020_WP2_network_members".