



Dissemination and Exploitation Progress Report

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1. Objectives

This deliverable **D6.3** is a summary activity report of the project WP6 dissemination activities aimed at promoting and enhancing the awareness of target groups and related stakeholders towards the project objectives and outcomes. The purpose of these activities is a coordinated dissemination of the project's good practice examples and key messages among various communicators in the regions and the exchange with other initiatives/projects in the EU. The recalled WP6 objectives are:

- O6.1 Implement an efficient and effective dissemination plan and exploitation strategy increasing the impact of the project outcomes among the target audiences
- O6.2 Raise awareness among decision makers, stakeholders and private investors within the wider target groups in the regional contexts, and ensure optimal access and capitalisation of results on national and European level
- O6.3 Establish effective dissemination channels and facilitate open communication among project partners, stakeholders in the regions and the international R&D community

The D6.2 DESP details the objectives, planned activities and guidelines for the duration of the project. This complementary progress report D6.3 comprises the documentation of the accomplished outputs so far. It includes the full record of:

- a) **Publications and other content:** specific results of all WP's are summarised for press websites, articles, newsfeeds, media leaflets/brochures, workshop/seminar material, public reports, fairs and conferences and accessible through the website.
- b) **Events:** Learning Labs, trainings and roadshows in the regions with an important dissemination function; public press conferences and related press work specifically inform the regional and local media; national and international conferences where SecureChain has been represented by consortium members.

2. Progress and Achievements

2.1 Overview on communication and dissemination activities

The following list includes all project-related dissemination outputs of the first period. It includes events organized and hosted by SecureChain beneficiaries as well as events of third parties, e.g. other European consortia, RTD institutions, the EC or other international organizations, in which consortium members have participated and presented the project.

Table 1 List of project communication and dissemination outputs per model region

No.	Date	Title, content	Description, website or file link
I.	International	Communication by all beneficiaries	
1	2015/01/15	Project website online	www.securechain.eu
2	2015/11/30 – 2015/12/02	SIMWOOD Midterm Conference, Kilkenny, Ireland	Project presentation by IIWH at the midterm conference of the FP7 SIMWOOD project, www.simwood-project.eu
3	2015/12/17	R2I EAST Cluster meeting, Brussels	Project presentation by IIWH at a cluster meeting of FP7 R2I projects in the ENP countries. IIWH coordinates the R2I project RERAM, www.reram.eu
4	2016/03/02	H2020 Bioenergy Market Uptake Workshop at INEA, Brussels	Project presentation and networking with other H2020 and IEE bioenergy projects
5	2016/06	24 th European Biomass Conference and Exhibition (EUBCE), Amsterdam	Project presentation by UPC, www.eubce.com Presentation of SecureChain project via several powerpoints sheets (eternal loop on TV) at the BTG stand in the exhibition hall. http://www.eubce.com/exhibition/list-of-exhibitors-2016/btg-biomass-technology-group.html

No.	Date	Title, content	Description, website or file link
II.	Sweden	Communication by ESS	
1	2015/06/15	Publication of the IV call on the ESS website and the website for "Bioenergigruppen I Växjö AB"	www.energikontorsydost.se , www.bioenergigruppen.se
2	2015/05/25	Presentation at the annual meeting of Forest Entrepreneurs in Vrigstad	www.skogsentreprenad.nu
3	2015/06/16	Oral presentation for the Energy – and Climate Advisors in SE Sweden	http://www.energikontorsydost.se/energi-och-klimatradgivare
4	2015/09	Physical mailing, e-mailing and direct communication incl. flyers and leaflets	Municipal coordinators for business leaders in 31 municipalities in Småland; Forest Entrepreneurs Association, onward distribution to their members; Municipal energy – and climate advisors in Småland; 19 consulting businesses; Linnaeus University, for onward distribution to relevant companies; Climate advisors in Jönköping County; - companies having participated in various bioenergy seminars; - The Bioenergy group of Växjö including members of the technical committee
5	2015/09/17	Presentation of the project at the European Biomass to Power 2015	http://www.wplgroup.com/aci/event/biomass-power-conference-europe/
6	2015/11/12	Presentation of the project at the regional conference Energiting Sydost	http://www.energikontorsydost.se/energiting-sydost-2015
7	2015/11/20	Conference on bioenergy: forest residues, combustion, gasification	http://www.energikontorsydost.se/2015-11-20-bioenergidagen
8	2016/01/12	1 st Learning Lab	http://www.energikontorsydost.se/l/projekt/6923
9	2016/04/20	Stakeholder meetings on excursion	http://www.energikontorsydost.se/securechain-optimerar-bioenergivardekedjan-for-okade-primara-skogsbranslen

No.	Date	Title, content	Description, website or file link
III.	Germany	Communication by IIWH	
1	2015/06/15	Publication of the IV call on the websites of various regional disseminators:	SECURECHAIN website, www.securechain.eu/de IIWH own website, www.wald-zentrum.de ZEBIO Zentrum für Energie und Biomasse (biomass promotion centre), www.zebio.de I.D.E.E. e.V. Information and Demonstration Centre for Renewable Energies, www.idee-nrw.de Landesbetrieb Wald und Holz NRW (State Forest Enterprise NRW), www.wald-und-holz.nrw.de
2	2015/05/11	IIWH Press release	Title: Klimaschutz: Regionales Holz effizienter nutzen. Neues EU-Projekt SECURECHAIN [Climate protection: Using regional wood resources more efficiently. New EU project SECURECHAIN. http://www.securechain.eu/wp-content/uploads/PM-SecureChain-Kickoff-in-Muenster-11-05-2015.pdf
3	2015/05/17	Print article in HALLO magazine	Local Muensterland press magazine, http://www.securechain.eu/wp-content/uploads/2015-05-22_HZB_SecureChain.pdf
4	2015/05/22	Press article in Holz-Zentralblatt	German national journal for forest and wood industries, www.holz-zentralblatt.com , http://www.securechain.eu/wp-content/uploads/2015-05-22_HZB_SecureChain.pdf
5	2015/06/01	Press article in Die Waldbauern in NRW	NRW state-level journal for forest owners, http://www.securechain.eu/wp-content/uploads/2015-06_Die-Waldbauern-in-NRW_SecureChain.pdf
6	2015/06	Physical mailing, e-mailing and direct communication incl. flyers and leaflets	Model subregion1 Bergisches Land: ZEBIO internal announcement to 150 member companies, newsletter to ca. 1000 subscribers Model subregion 2 Ostwestfalen: Regionalforstamt Ostwestfalen, internal newsletter, announcements in various meetings with clients Model subregion3 Münsterland: Steinfurt County Agenda 21 office, newsletter

No.	Date	Title, content	Description, website or file link
			to 75 members of the biomass network, direct announcements to clients
7	2015/07/06	ZeBio Zentrum für Bioenergie, webarticle	Title: Bergisches Land als Modellregion für EU Projekt zum Thema Nachhaltige Bioenergie, www.zebio.de
8	2015/12/17	Cluster Wald und Holz NRW, webarticle	Title: Wald-Zentrum, EU-Projekt SecureChain, http://www.clusterwaldholz.de/unternehmen/waldzentrum
9	2016/02/19	Gemeinde Kalletal (municipality), announcement of pilot project no.1	Title: Nachhaltige Bioenergieketten. Gemeinde Kalletal profitiert als Projektpartner von Innovationsgutscheinen, http://www.kalletal.de/city_info/webaccessibility/index.cfm?region_id=163&waid=97&design_id=0&item_id=851384&modul_id=2&record_id=77279&keyword=0&eps=50&cat=0
10	2016/06/13	LZ Lippische Landes-Zeitung, press article on pilot project no.1	Title: Ingenieure entwickeln Fernwärme-Konzept für Hohenhauser Wohngebiet, http://www.lz.de/lippe/kalletal/20822717_Ingenieure-entwickeln-Fern
IV.	Netherlands	Dissemination by BTG	
1	2015/06/15	Publication of the IV call on the BTG website and other websites	http://www.btgworld.com/nl/news/article?id=140 https://www.mksubsidieadvies.nl/nieuws/263/innovatievoucher-overijssel-en-gelderland-beschikbaar Stichting KieMT website, http://www.kiemt.nl/innovatievouchers-voor-bbe-ondernemers/ http://www.subvice.nl/innovatievouchers-voor-mkbers-biobased-economy-gelderlandoverijssel/ http://www.hezelbizz.nl/subsidienieuws.aspx?bericht=dff08b68-3bc1-48af-9aaf-02b2e8d1a508
2	2015/11/10	Publication of the IV call results	http://www.btgworld.com/nl/news/article?id=141
3	2016/02	Announcement Learning Lab 1	http://www.btgworld.com/nl/news/article?id=145 BEON nieuwsflits February 2016
4	2016/02/11	Physical mailing, e-mailing and direct	Invitation LL1 to 170 persons active in biomass, bio-energy, forestry, provincial

No.	Date	Title, content	Description, website or file link
		communication incl. flyers and leaflets	government, municipalities, etc.
5	2016/05/12	Announcement Training activity 1: Physical mailing, e-mailing and direct communication incl. flyers and leaflets	Announcement training activity 1 to 45 relevant stakeholders (primarily municipalities, companies, NGO's, etc.)
6	2016/05/24	Social media (training activity 1)	https://twitter.com/p_reumerman/status/735124690012884992
7	2016/05/25	Dissemination Training activity 1	http://www.bioenergieclusterootnederland.nl/nieuws/downloads/502-expertmeeting-biomassaketens-25-mei-2016.html http://www.bioenergieclusterootnederland.nl/nieuws/nieuwsberichten/503-voldoende-biomassa-beschikbaar-uit-bos-en-landschap-voor-ontwikkeling-bio-energieprojecten.html http://groenemetropooltwente.nl/nieuws/meer-mogelijkheden-biomassa-bos-en-landschap-twente/
8		Dissemination via regional disseminators and groups of special interest	BEON Bio-energy Cluster Oost-Nederland (newsletter, presentation to members); Provincial government; Regions; Agricultural association
9		Dissemination at national events	National bio-energy day; Visitors list of past bio-energy event
V.	Spain	Dissemination by UPC & CTFC	
1	2015/06/15	Publication of the IV call on the UPC, CTFC and local disseminator websites	SECURECHAIN website www.securechain.eu/cat UPC INSTITUTE FOR SUSTAINABILITY website: http://is.upc.edu/noticies/oportunitats-de-negoci-i-innovacio-en-bioenergia-per-a-pimes-convocatoria-d2019ajuts-1 CTFC Websites http://www.biomassacat.cat/?p=9701 http://afib.ctfc.cat/category/noticies?lang=en http://afib.ctfc.cat/convocatoria-dajuts-acompanyament-doportunitats-de-negoci-i-innovacio-en-bioenergia-per-a-pimes

No.	Date	Title, content	Description, website or file link
			http://www.udg.edu/oue/OficinaUniversitatEmpresa/Arxiudactivitats/tabid/23082/p/45032/Default.aspx
2	Continuous	Dissemination via social networks	Twitter https://twitter.com/forest_roure/status/597646283810197504 Facebook: http://en-gb.on.fb.me/centretecnologicforestaldecatalunya Linkedin: http://es.linkedin.com/grp/home?gid=5112932
3	22/06/2015	Presentation session at the Catalan Agency for Competitiveness and Innovation (ACC1Ó)	UPC and CTFC organised a 2 hour seminar at the Catalan Agency for Competitiveness and Innovation (ACC1Ó) head office in Barcelona on Monday 22 June 2015. The agenda included a presentation of the Securechain project, a presentation of the Innovation Voucher competition and associated mentoring package, a Q&A session and a networking session. 20 SMEs attended the seminar. http://accio.gencat.cat/cat/agenda-activitats/actes/2015/06/projecte-securechain-mentoria-bio.jsp?utm_campaign=agenda&utm_source=ag70&utm_medium=acte11
4	22/06/2015 to 30/06/2015	E-mailing and direct communication incl. flyers and leaflets to:	Emailing to 45 SME members of the Biomass cluster of Catalonia Dissemination package to the 20 SME attendees of the ACC1Ó seminar
5	23/07/2015 and 30/10/2015	Presentation and discussion session	1.- Presentation of the SECURECHAIN project objectives and resources during the foundation sessions of the Catalan. The IV call triggered the formulation of some aspects of the cluster statutes. 2.- Official creation of Catalan Biomass Cluster.
6	01-02/03/2016	1 st Learning Lab	The second session (day 1 afternoon) was open to public and devoted to presenting the project and the overview of the biomass sector in Catalonia and Europe. This session also explored the case of Austria, with BOKU.
7	01/03/2016	Project reference in SME website	PROBIOMASSA included a section of their website devoted to the project: http://www.probiomassa.com/energia-renovable/probiomassa-al-projecte-europeu-securechain/

No.	Date	Title, content	Description, website or file link
8	06/04/2016 29/09/2016	Project reference in lectures	The project Supply Chain quality certification approach was discussed in advanced seminar lectures at the Faculté de Sciences techniques de Tangier (FST) and School of Industrial Engineering Barcelona (UPC)
9	30/05/2016	Project presentation	Securechain and other topics related was presented in a seminar on Biomass Technologies held in Tarragona , the main objective of the seminar was the implementation the biomass technologies in municipalities
10	17/06/2016	Project presentation and discussion with regional stakeholders	Securechain was presented in a seminar on Financing options in sustainable energy organised by the project BEENERGI (EE 20 HORIZON 2020) http://beenergi.ddgi.cat/en/resources/#resource-2
11	16/09/2016	Training Quality Manager for Production of solid biofuels	CTFC with DINCERTCO organised a seminar/training on solid biofuels certification schemes and the improvement the pellet and solid biofuels production and processes.
VI.	Greece	Dissemination by CLUBE, CPERI	
1	15/06/2015 – 28/10/2015	Publication of the IV Call on the own website and Facebook page of CluBE	https://www.facebook.com/clubewmacedonia/?fref=ts
2	15/06/2015 28/09/2015	Press release to major Western Macedonia media: regional press, e-portals, TV channels, etc)	
3	13/06/2015 – 30/10/2015	Physical mailing, e-mailing and direct communication incl. flyers and leaflets	Enterprise Europe Network (EEN), antenna in Western Macedonia: http://www.anko-eunet.gr/en EEN newsletter (with more than 1.000 recipients) Regional Development Agency (ANKO S.A.), including LEADER Initiative in Western Macedonia: http://www.anko.gr/ Regional Development Fund of Western Macedonia:

No.	Date	Title, content	Description, website or file link
			http://pta.pdm.gr/pdm/?p=2954
4	01/2016	Publication of Project Factsheet, in EN and national language	CPERI's website: http://www.lignite.gr/gr/
5	08/03/2016	1 st Learning Lab	www.clube.gr
6	13/07/2016 - 15/07/2016	2 nd Learning Lab	https://twitter.com/Cluster_CluBE/status/768746955711385604 http://kozanimedia.gr/?p=280967#.V4X_MfmLSUk
7	08/04/2016	Conference 'The Exploitation of Biomass: Applications, Opportunities and Conditions' & Building Green Exhibition 2016	http://buildinggreenexpo.gr/biomass-bioenergy-expo-2016/
8	05/07/2016	Workshop 'Efficient heating and cooling from RES'	http://tdm.tee.gr/wp-content/uploads/2016/06/RES_H-C_SPREAD_-_agenda_national_seminar_05-07-2016.pdf
VII.	Estonia	Dissemination by TREA	
1	15/06/2015	Publication of the IV call on the TREA website	www.securechain.eu/ee www.trea.ee
2	12/06/2015/	Presentation in Board meeting of Association of municipalities of Võru County	Presentation of project SECURECHAIN in Board meeting of Association of municipalities of Võru County. Board members are all Mayors of municipalities of Võru County
3	continuous	Physical mailing, e-mailing and direct communication incl. flyers and leaflets	<ul style="list-style-type: none"> - all municipalities on South- Estonia (81 addresses) - County government (6 addresses) - Union of forest owners (one contact) - Association of Estonian municipalities - Estonian Chamber of Commerce, ministry of environment, ministry of

No.	Date	Title, content	Description, website or file link
			Economics and communication (responsible for energy) - Universities
4	15/03/2016	1 st Learning Lab in Estonia	www.trea.ee
5	18/05/2016	Seminar of RES for rural tourism entrepreneurs of Võru County	Local RES using possibilities in rural area on energy generation. www.trea.ee
6	23/09/2016	Seminar of energy management for industry in South-Estonia	Dissemination in seminar, oral overview of SecureChain project and pilot actions.
VIII	Austria	Dissemination by BOKU	
1	2016/07	Article in Institute's own Newsletter	http://www.wau.boku.ac.at/fileadmin/data/H03000/H81000/H81300/IKS_Files/ABF_Newsletter/ABF_Newsletter_07_2015/ABF-Newsletter_Juli_2015.pdf
2	2016/03/08	Post about Learning Lab in Catalunya on Facebook page of ABF-BOKU	https://www.facebook.com/abfallwirtschaft/?fref=ts
3	2016/07/19	Post about Learning Lab in Greece on Facebook page of ABF-BOKU	https://www.facebook.com/abfallwirtschaft/?fref=ts

2.2 Events

International

2.2.1 European Biomass Conference and Exhibition EUBCE 2016

Date, venue, host, link

06 to 09 June 2016, RAI Amsterdam
<http://www.eubce.com/event-info/eubce-2016.html>

Participation

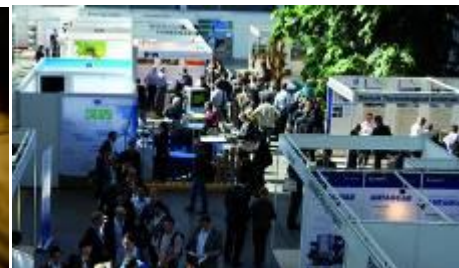
For the whole conference and exhibition (recipients for the paper and presentation):
1572 registered participants from 73 countries
Over 50 associations and international organisations

Topics and outcomes

After a short introduction to *SecureChain*, the presentation focused on the upcoming steps of the project: (i) Perform a full Life Cycle Assessment (LCA) of the pilot projects and check their eligibility for sustainability certifications; (ii) Provide tailored financial and technical mentoring to improve business proposals, (iii) identify synergies between pilot projects to strength intra regional supply chains and inspire other model regions (iv) Organise national and European face to face meetings and road shows to showcase the business proposals to potential funders and private investors.

UPC led the preparation of a paper and gave a presentation to an audience of 120 (find the paper and ppt in the Annexes). The paper and the presentation are included in the conference proceedings, and are indexed in Scopus (ISBN: 978-88-89407-165, D.O.I: 10.5071/24thEUBCE2016-IBO.8.3):

<http://www.etaflorence.it/proceedings/?detail=12861&mode=author&categories=0&items=Arranz%2DPiera%2C+P%2E&letters=a>



Sweden

2.2.2 Conference Energiting Sydost 2015

Date, venue, host, link

12/11/2016, Västervik, Sweden

ESS, <http://www.energikontorsydost.se/energiting-sydost-2015>

Participation

The total number of participants of this conference was 115 with a variety of backgrounds, such as officials from municipalities and regions and energy related enterprises from e.g. heating sector, energy efficient buildings and mobility management. Some public bus companies organised shuttles from some of the other big cities in the region to Västervik, the city where the event was held.

SecureChain representatives: Daniella Johansson and Ulf Hansson

Topics and outcome

The conference is organised once a year in various municipalities in the region of Småland. The organiser is Energikontor Sydost, this year, together with the city of Västervik. Relevant projects are highlighted every year. This year was SecureChain introduced to the audience of CEO Mr Ulf Hansson. It was followed by another lecture named Energy possibilities for Sweden and worldwide. It was held by Mr Tomas Kåberger, board member of the enterprise Vattenfall and previous Director General for the Swedish national energy agency. Beside these lectures in plenary sitting for the whole audience, there were four choices of alignments possible to select: Renewable generation of electricity, Transports free from fossil fuels, Sustainable strategic planning and Energy efficiency in buildings.



2.2.3 Conference Bioenergidagen 2015

Date, venue, host, link

Friday 20.11.2015, Växjö, Sweden

ESS in collaboration with The Bioenergy group of Växjö and the Linnaeus University

<http://www.energikontorsydost.se/2015-11-20-bioenergidagen>

Participation

The total number of participants of this conference was 80. A big part of these were representing enterprises in the value chain for bioenergy e.g. forest entrepreneurs for extraction of forest residues, heating companies and ash recycling companies. Another part was representing the Linnaeus University and there were also people from the civil society and local and regional public officials.

SecureChain representatives: Daniella Johansson and Göran Gustavsson

Topics and outcome

This conference, yearly organised since 1999, had this year a focus on research and actions from industry sector connected to three of the accepted innovation vouchers. It concerned mainly regional research for increased efficiency for combustion processes, related to two of the regional innovation vouchers. Parts of the meeting concerned extraction of forest residues and it was also the subject for a panel discussion with five persons representing various enterprises. One lecture was wider in the approach and concerned factors for the development of the bioenergy sector in Sweden. One of the other lectures was held by the consultant who is engaged for the innovation for the ash recycling action. The organisers of the conference, besides Energikontor Sydost, was the Linnaeus University and the Bioenergy group of Växjö. The latter is an enterprise, jointly owned by various enterprises in the value chain for bioenergy in the region, with the mission to increase the use of bioenergy and to promote the conversion from fossil fuels into bioenergy. SecureChain was presented by Göran Gustavsson.



2.2.4 Småland Learning Lab 1

Date, venue, host, link

17/11/2015 and 12/01/2016, Växjö, Sweden
ESS, <http://www.energikontorsydost.se/l/projekt/6923>

Participation

The first Learning Lab workshop in the model region of Småland, SE was carried out on January 12 2016. Ten persons attended the main meeting, each of the four accepted IV-applications was represented by one or two persons, together with consultants for two of the selected projects, the financial officer and one person responsible for a regional biomass-fueled small scale CHP-project. We organised a pre-LL meeting already in November with one of the companies which was keen to start up their project. One of the actions concerns the efficiency of extraction of forest residues, two of them are about securing heat deliveries from RES and the last one concerns fertilisation of forests via recirculation of ash from heat -, or heat and power, cogeneration.

SecureChain representatives: Göran Gustavsson, Daniella Johansson and Jimmy Landegren

Topics and outcome

The Innovation Voucher (IV) competition resulted in the approval of four pilot projects in the region of Småland. Each of the four Swedish selected projects concepts is presented with e.g. background, purpose and a rough timetable. The purposes and methods were discussed. Several of the participants knew other since before, which facilitated the discussions and made it easier to understand their various individual conditions. We discussed the possibilities for a knowledge - and experience exchange with some of the other projects in other regions. SecureChain was presented by Göran Gustavsson.



2.2.5 Meeting with stakeholders during study visit

Date, venue, host, link

20/04/2016, Korsberga, Kosta and Växjö in Småland, SE.

ESS, <http://www.energikontorsydost.se/securechain-optimerar-bioenergivardekedjan-for-okade-primara-skogsbranslen>

Participation

This meeting was organised for two purposes. The first one was for study visits on three various sites for the consortium of the SecureChain action and the other was for presentations of two granted innovation vouchers. The three enterprises were:

- Skogsbränsle Småland, granted for an innovation voucher
- Lessebo Fjärrvärme, granted for an innovation voucher
- Växjö Energi

SecureChain representatives: Hanna Everling and Göran Gustavsson

Topics and outcome

The CEO for Skogsbränsle Småland, Mr Fredrik Samuelsson, described their enterprise and the idea of them to use the innovation voucher for find out business ideas of a new and innovative way to recycle ash from heat and power plants back to clear cutting forest areas. We got the opportunity to watch a chipper for wood chips production. The technician, Christer Lundqvist, of Lessebo Fjärrvärme gave a tour at their nearby heat plant in the community of Kosta and described the background for their innovation voucher. The last visit was held at the big combined heat and power plant in the city of växjö. At the Sandvik plant they produce district heating and electricity from two biofuel-fired cogeneration blocks, a biofuel-fired hot water boiler plus oil and electric hot water boilers. Production is split into one third electricity and two thirds heat, with the heat delivered to their district heating customers and the electricity going to the electricity market.



Germany

2.2.6 NRW meetings with bioenergy pilot projects

Date, venue, host, link

2015/11/26, Gummersbach, ZEBIO

2016/02/04, Oerlinghausen, Budde GmbH

2016/02/04, Hille, Energieagentur Lippe

2016/06/06, Lindlar, BAV

Participation

Individual workshops were held with each pilot project participant who has been selected in the Innovation Voucher Competition. This form of workshop form was chosen, because the pilots are situated in quite distant locations of different sub-regions of NRW. The following companies participated in the workshops:

- ZEBIO GmbH, regional network in Bergisches Land region
- Budde GmbH, NRW innovation voucher no. 1
- Energieagentur Lippe, NRW innovation voucher no. 2
- AVEA GmbH, NRW innovation voucher no. 3
- REGETHERM GmbH, NRW innovation voucher no. 4
- BAV Bergischer Abfallverband, Consultant

SecureChain representatives: Uwe Kies; Manuel Goerke, IIWH

Topics and outcome

During the meetings, the SecureChain project, its objectives and the general work plan were presented to the companies. The rules for collaboration and the Memorandum of Agreement were explained. The full kit of support services from the consortium was presented. Each pilot project's objectives were discussed in detail and a work plan per pilot was decided, with a regular follow-up. Specific technical challenges of each pilot were assessed. The possible future expected outcomes of the companies and the impacts for the region were discussed.

The Netherlands

2.2.7 Learning Lab 1 in Gelderland/Overijssel

Date, venue, host, link

Thursday 10/3/2016, Duiven The Netherlands
BTG, www.btgworld.com

Participants

The total number of participants of the Learning Lab was 32, comprising of people from a variety of backgrounds. Specifically:

- From the pilot projects: 6 people (2 per pilot project)
- National government: 2 people
- From the provincial and local government: 2 people
- Consultancy companies: 4 people
- Biomass supply and trading companies: 5 people
- Bio-energy production companies: 5 people
- Other companies in the bio-energy field: 1 person
- Educational organisations: 1 people
- National organisations: 3 people
- Learning Lab Organisation: 3 people

Topics and outcomes

Topics were a presentation of the scope, goals and activities of SecureChain, and a presentation on LCA and sustainability. In this presentation the mechanism of LCA was described. Regarding sustainability the legal context for certification was described, types of certification systems were discussed and also how these could be obtained. Special attention was given to the Dutch “Better Biomass” certificate, as this is the most widely used in the Netherlands. It became also clear that certification was not obliged for solid biomass (yet). Pilot project presentations were given by the pilot project owners, and a round table discussion was held on the merits/pro’s and con’s of the projects. A site visit was included.



2.2.8 1st Training activity in NL

Date, venue, host, link

Wednesday 25/5/2016, Delden, The Netherlands

De Groene Metropool, BEON, BTG

<http://groenemetropooltwente.nl/>, <http://www.bioenergieclusterootstnederland.nl/>,
www.btgworld.com

Participants

The total number of participants of the Learning Lab was 26. Participants were professionals from municipalities, biomass suppliers, entrepreneurs specialised on harvesting biomass, pellet production and other parts of the bio-energy chain, consultants and other relevant stakeholders. Noteworthy was the presence of Hof van Twente city council member Mr. Wim Meulenkamp, who opened the meeting, stressing the importance of sustainable energy and making use of own resources.

Topics and outcomes

Topics were availability and use of woody biomass in the Netherlands and Twente, recent bio-energy chain projects in Overijssel, experiences and lessons learned, and break-out sessions were arranged in which participants were tasked to devise new types of bio-energy chains. The following points for follow-up were noted:

- Bio-energy chains are contingent on continuous off-take in the form of increased use of (mostly) heat-only bio-energy boilers. The use of heat-only boilers should be encouraged.
- Development of a knowledge centre in which knowledge and experience for the implementation of bio-energy is bundled would help to disseminate the necessary knowledge. In the knowledge centre land owners, companies, municipalities and other relevant parties in the bio-energy chain should cooperate.
- Cooperation with other parties in the New Energy Programme of the Province of Overijssel would be beneficial. The common goal is 20% renewable energy in 2020.



Spain

2.2.9 Project presentation and IV call at ACC1Ó

Date, venue, host, link

22nd June 2015, Barcelona

ACC1Ó Catalan Agency for Innovation and Competitiveness

http://accio.gencat.cat/cat/agenda-activitats/actes/2015/06/projecte-securechain-mentoria-bio.jsp?utm_campaign=agenda&utm_source=ag70&utm_medium=acte11

Participants

20 SMEs attended the seminar

Topics and outcomes

The agenda included:

- a presentation of the Securechain project
- a presentation of the Innovation Voucher competition and associated mentoring package
- a question and answer session
- a networking session

Press release by ACC1Σ (29 June 2015)

http://accio.gencat.cat/cat/empresa-ACC1O/premsa/noticies-notes-premsa/2015/150629_missio.jsp

2.2.10 Catalonia Learning Lab 1

Date, venue, host, link

01 and 02 March 2016

CTFC premises, Solsona, Spain

<http://www.biomassacat.cat/2016/02/sessio-oberta-del-projecte-securechain-al-ctfc/>

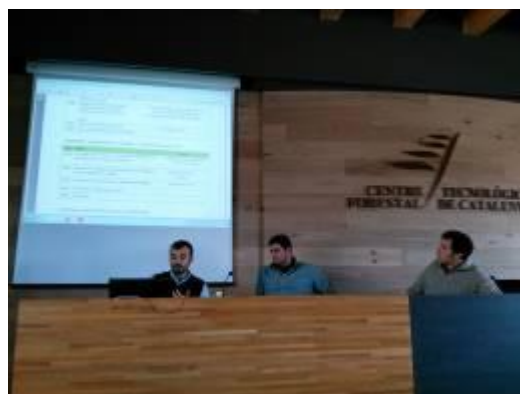
Participants

Participants included representatives from the regional public administration (including forest and energy administration), academia and SME's, including the pilot project companies.

Topics and outcomes

The LL was designed in three blocks: a) common session for the pilot projects, b) general session (open to the sector stakeholders) and finally c) specific/individual session with each pilot project. The second session (day 1 afternoon) was devoted to presenting the project and the overview of the biomass sector in Catalonia and Europe. This session also explored the case of Austria, with the participation of BOKU. After a joint lunch, the seminar was opened to other bioenergy stakeholders. The key aspects of the SECURECHAIN project were explained, followed by a presentation of the Catalan Biomass Strategy by the Forestry Department in the Catalan Government. The Austrian case was presented by BOKU, as a benchmark to learn from in next steps of the Catalan bioenergy sector development. Also, an introduction to LCA of bioenergy projects was given. Finally, the Director of CTFC explained the European Biomass Context and the perspectives of the biomass sector in Europe, which gave way to an active debate on the several issues discussed throughout the session.

Several weeks prior to the first Learning Lab, UPC and CTFC had already visited each of the pilot projects bilaterally, to discuss and explain the various parts of the SecureChain support package and to answers specific questions of the pilot project representatives.



2.2.11 Training of Quality Managers for Solid Biofuels

Date, venue, host, link

Friday, 16th September 2016

Solsona, Catalonia, Spain

CTFC Forest Sciences Centre of Catalonia

<http://www.ctfc.cat/?lang=en>

Participation

The total number of participants of the training was 30, coming from different parts of Spain and mainly the major attendance profile were pellet factories and forest companies. SecureChain representatives: Pere Navarro (CTFC), Marco Pagels (DINCERTCO)

Topics and outcomes

The training showed methods and tools to optimize the production processes and products, thus identify possibilities how to improve the quality of pellet production and the existing solid biofuels certification schemes.



Greece

2.2.12 1st Learning Lab in Western Macedonia, Greece

Date, venue, host, link

Tuesday 08/03/2016, Kastoria, Greece

CluBE, CPERI/CERTH

www.clube.gr



Participants

The total number of participants of the Learning Lab was 16, coming from a variety of backgrounds, such as educational institutions (Aristotle University of Thessaloniki, biomass chemical engineering and supply chains), companies (ELPE S.A., one of the largest petroleum companies, lately very active in RES, representatives of the companies that won the IV along with their consultants), research institutes (National Centre of Renewable Resources, in Athens, expert in biomass characterization).

SecureChain representatives: Yannis Fallas, Nikos Ntavos and Christiana Iatropoulou (CluBE), Valantis Ketikidis (CERTH)

Topics and outcomes

The Innovation Voucher (IV) competition resulted in the approval of three pilot projects in the region of Western Macedonia to enter the procedure of the Innovation Vouchers; the first Learning Lab was linked to the inauguration of these pilot projects. At the same time, LL1 aimed to inform the stakeholders about the activities of SecureChain project, to allow pilot project representatives to present their projects and explain their concepts, to make a round table discussion with the attendants of the Learning Lab on their projects and to gather feedback from the stakeholders.



2.2.13 2nd Learning Lab in Western Macedonia, Greece

Date, venue, host, link

13/07/2016 – 15/07/2016, Kozani, Greece.

CluBE, CPERI/CERTH

www.clube.gr



Participation

The 2nd Learning Lab was attended by 23 people on the first day. The participants came from several sectors and included investors, policy makers, representatives from the industry and the scientific sector.

SecureChain representatives: Yannis Fallas, Nikos Ntavos and Christiana Iatropoulou (CluBE), Valantis Ketikidis (CERTH), Silvia Scherhauser (BOKU), Frederic Horta (UPC)

Topics and outcome

On the first day the Learning Lab was organized at the premises of the Chamber of Commerce in Kozani, where the project partner from BOKU, Mrs. Silvia Scherhauser, presented the Life Cycle Assessment (LCA) and the way this affects the planning of Bioenergy with respect to its environmental implications. The representative from UPC, Mr. Frederic Horta talked about the structure and analysis that any existing or future enterprise must perform, in order to reach any potential investment source.

The following two days of the Learning Lab were dedicated to Study Visits at the 3 companies that won the Innovation Voucher competition i.e. Matesion Ltd, AZ Bioenergy and Alpha Wood – Pindos SA. The representatives from BOKU and UPC had the chance to visit the premises of the companies and present to them as well as to their consultants, the various parameters of LCA and financial planning and analysis. Specifically, they talked about the parameters that the companies need to take into account during the analyses of their vouchers. The entrepreneurs explained the practical difficulties and problems related to their operation.



2.2.14 Conference Exploitation of Biomass: Applications, Opportunities, and Conditions 2016

Date, venue, host, link

Friday, 08.04.2016, METROPOLITAN EXPO (BUILDING GREEN EXPO 2016, Venue 4)

HellaBiom, CRES

[http://www.hellabiom.gr/wp-](http://www.hellabiom.gr/wp-content/uploads/2015/12/Biomass_Day_B4B_Programme_31_03_2016_FINAL.pdf)

[content/uploads/2015/12/Biomass_Day_B4B_Programme_31_03_2016_FINAL.pdf](http://www.hellabiom.gr/wp-content/uploads/2015/12/Biomass_Day_B4B_Programme_31_03_2016_FINAL.pdf)

<http://buildinggreenexpo.gr/presentation-category/biomassday/>

Participation

The total number of participants of the seminar was more than 90, coming from a variety of backgrounds, such as research institutions (CERTH, CRES, Universities etc.), companies (PPC, biomass and bioenergy companies etc.), public authorities (Ministries, Regional and local Authorities etc.), other organizations such as the AEBIOM and HellaBiom, media, potential investors, customers and general public.

SecureChain representative: Nikos Ntavos (CluBE)

Topics and outcome

The BUILDING GREEN EXPO is an International Exhibition for Sustainability, Green Building, Renewables and Energy Saving Technologies for both existing and new buildings and built environment. In the framework of the exhibition, the Greek Biomass Association (HellaBiom) as a member of the European Biomass Association (AEBIOM) co-organized with the Centre for Renewable Energy Sources (CRES) in the exhibition's parallel event of BIOMASS DAY the conference 'The Exploitation of Biomass: Applications, Opportunities and Conditions'. The attendants were informed about several issues regarding biomass and bioenergy exploitation in Greece and all over Europe, energy exploitation of industrial and agricultural wastes, R&D and demonstration projects in the bioenergy and bioeconomy sector.

SecureChain was presented by Nikolaos Ntavos, who informed the attendants about the project's actions, partners and objectives. Mr. Ntavos also presented potential applications for biomass exploitation and good practices all over Europe.



2.2.15 National seminar on efficient heating and cooling from RES

Date, venue, host, link

05.07.2016,

Technical Chamber of Greece/Department of Western Macedonia, Kozani, Greece

ANKO SA

http://tdm.tee.gr/wp-content/uploads/2016/06/RES_H-C_SPREAD_-_agenda_national_seminar_05-07-2016.pdf

Participation

The total number of participants of the seminar was 39, coming from a variety of backgrounds, such as research institutions (CERTH, CRES), companies (DETEPA, PPC), public authorities (RWM, REMTh, Municipalities, Chambers) and other organizations such as the Hellenic Association for the Cogeneration of Heat and Power.

SecureChain representative: Nikos Ntavos

Topics and outcome

The national seminar was arranged as a stand-alone event aiming at spreading the obtained knowledge and the produced outcomes within the framework of RES H-C SPREAD project to all the potential stakeholders. To this context all the potential stakeholders from the region of the Western Macedonia were invited to participate into the seminar including representatives from the regional authority of Eastern Macedonia and Thrace. The aim of the seminar was the demonstration of the regional RES plan for efficient heating and cooling from RES in Western Macedonia, which was developed within RES H-C SPREAD focusing on the implemented methodological approach and especially on the Cost-Benefit Analysis (CBA) and the essential role of the Country Governance Committee (CGC) in the design of efficient energy policies. SecureChain was presented by Nikolaos Ntavos.



Estonia

2.2.16 1st Learning Lab in Estonia

Date, venue, host, link

15.03.2016

Tartu Science park Building

Tartu Regional Energy Agency

www.trea.ee

Participants

19 participants including Secure Chain innovation voucher nominees

Topics and outcomes

The Learning Lab was mainly addressed to the development projects representatives who got the innovation voucher from the project, but nevertheless, various organisations were present, participating in the forest management and industries and local energy management value and supply chain. Learning Lab consisted of two parts – a seminar on the topic „Wood fuel and local energetics, which was intended for the innovation voucher receivers and other value chain interested parties. All together 19 people attended the seminar. The topics were:

- Introduction of SecureChain project
- Wood and othes biofuels in Estonian energy market
- Small CHP and biofuels: Woodgas CHP technology, ORC technology
- Community based energy generation
- Woodash using possibilities, resume of research of Tallinn Technical University

The second part of the Learning Lab was directed only to the innovation voucher nominees and concentrated on the goals of the project SecureChain, planned activities and additional opportunities which the innovation voucher receivers can use in the project(LCA analysis, finding additional financing opportunities etc.). The innovation voucher receivers introduced their development projects in detail.

There was also talk about contractual forms and financing scheme of innovation voucher. Together the documents regarding the innovation voucher were reviewed (Memorandum of Understanding; Guideline for the process data collection (life cycle inventory); Market Segmentation/ Fundrising Experience).

2.2.17 Seminar of efficient use of energy and RES

Date, venue, host, link

18.05.2016

Touristfarm “Koke”, Võru County, South-Estonia

Tartu Regional Energy Agency

www.trea.ee

Participants

11 participants, all are members of local union of tourism entrepreneurs.

Topics and outcomes

The regional seminar was arranged as a stand-alone event with aim to raise and share obtained knowledge among tourism entrepreneurs from rural areas on wider using of biomass and other local RES.

- Secure chain pilots and innovation voucher
- Energy generation from biofuels and RES – CHP, heatpumps, solarenergy

Event was organized after discussion with leaders of local Union of Tourism Entrepreneurs, they read information about Secure Chain and asked from TREA organize seminar about local RES. To this context all the members of the Union were invited to participate into the seminar. The aim of the seminar was the introduce and demonstrate possibilities of the using local resource and equipment for biomass and other RES

Acknowledgement and Disclaimer

CLUBE /IIWH. Cluster of Bioenergy and Environment Western Macedonia, Internationales Institut für Wald und Holz e.V. 2016. SecureChain (Horizon 2020 646457), Dissemination and Exploitation Progress Report D6.3. Kozani, Münster.
www.securechain.eu

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