



Plug-N-Harvest

**Plug-n-play passive and active multi-modal energy
Harvesting systems, circular economy by design, with
high replicability for Self-sufficient Districts & Near-
Zero Buildings**

768735, H2020-EEB-2017

Meeting Agenda

Plug-N-Harvest 7th Plenary Meeting

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Dissemination Level:	PU - Public

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**H20220-EEB-07-2017 - Integration of energy
harvesting at building and district level**



Meeting Agenda SUMMARY SHEET

Meeting Agenda Details	
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Project Details	
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Project Number:	768735
Call Identifier:	H2020-EEB-2017
Call Theme:	Integration of energy harvesting at building and district level
Project Coordinator:	Centre for Research and Technology Hellas (CERTH)
	ODINS – Odin Solutions S.L – Spain
	SIE – Siemens SLR – Romania
	ETRA – Etra Investigacion y Desarrollo S.A. – Spain
	ET – Energy Transitions Limited – United Kingdom
	EIG – Eco Intelligent Growth – Spain
	AHC – Agencia de l’Habitatge de Catalunya – Spain
	RWM – Region of Western Macedonia – Greece
	CCC – County Council of the City and County of Cardiff – United Kingdom
	CERTH – Centre for Research and Technology Hellas – Greece
	RWTH – RWTH Aachen University – Germany
Participating Partners:	CU - Cardiff University – United Kingdom



	ALUMIL – Alumil Aluminium Industry S.A. – Greece
	AIGUASOL – Sistems Avancats d’ Energia Solar Termica SCCL - AIG
Instrument:	
Contract Start Date:	September 1, 2017
Duration:	51 Months



Meeting Agenda : Short Description

Keywords: Plenary; Meeting; Agenda;

Meeting Agenda : Revision History

Version:	Date:	Status:	Comments
0.5	29/1/2020	Draft	Structure and inputs by Elias Kosmatopoulos and Iakovos Michailidis (CERTH)
0.7	30/1/2020	Draft	Revised agenda by ETRA, AIGUASOL, RWTH, ODINS.
1.0	3/2//2020	Final	Final version by CERTH

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Table of Contents

1	Overview	1
2	Agenda	1



Plug-N-Harvest: 7th Plenary Meeting

26-27 February 2020

Brussels, Belgium

1 Overview

First Day (26 February 2020): 7th Plenary Meeting – WP7, WP6, WP5, WP1, WP2, WP3

Second Day (27 February 2020): 7th Plenary Meeting – WP1, WP2, WP3, WP5, WP6

2 Agenda

**26th February 2020 – Meeting room at 6th Floor (register at the building entrance)
Welsh Higher Education Brussels (WHEB), Wales House, 11 Rond Point Schuman, B1040
Brussels, Belgium**

[Check the map for the exact location!](#)

Time	Agenda Item	Moderator
09:00 – 09:30	Opening – Welcome <ul style="list-style-type: none">➤ <i>List of attendees</i>➤ <i>Approval of agenda</i>	CERTH/ITI
09:30 – 10:30	PLUG-N-HARVEST Project Management (WP7) <ul style="list-style-type: none">➤ <i>Financial and Administrative Matters (Financial Reports).</i>➤ <i>ALUMIL's case, budget transfers.</i>➤ <i>PiAg involvement.</i>➤ <i>INCASOL engagement progress.</i>➤ <i>Revised GA terms.</i>➤ <i>Time-plan and WP7 deliverables status.</i>	CERTH/ITI
10:30 – 11:00	The PLUG-N-HARVEST Dissemination and Communication (WP6) <ul style="list-style-type: none">➤ <i>Plug-N-Harvest's website, newsletter and social media status.</i>➤ <i>Dissemination activities (conferences and workshops).</i>➤ <i>Organize workshop - clustering event - with other H2020 relevant projects (8th Sustainable Places conference, EU Energy Sustainable Week, etc.).</i>➤ <i>Embedding the material database into Plug-N-Harvest website progress.</i>➤ <i>Time-plan and WP6 deliverables status.</i>	CERTH/ITI
11:00 – 11:30	The PLUG-N-HARVEST Business and Exploitation (WP5) <ul style="list-style-type: none">➤ <i>Material options (Circular Economy Solutions, Cradle to Cradle methodology).</i>➤ <i>Material database progress and status.</i>➤ <i>LCA and LCC evaluation methodologies and progress.</i>➤ <i>Business and exploitation planning.</i>➤ <i>Business Modeling (e.g. BAU or any other).</i>➤ <i>Time-plan and WP5 deliverables status.</i>	AIGUASOL CERTH/CPERI EIG



11:30 – 12:00	Coffee Break	
12:00 – 12:30	The PLUG-N-HARVEST Requirements (WP1) <ul style="list-style-type: none"> ➤ <i>Evaluation Planning revisions.</i> ➤ <i>Pilot Requirements Re-engineering</i> ➤ <i>Business Requirements Re-engineering</i> ➤ <i>PnH architecture refinements</i> ➤ <i>Time-plan and WP1 deliverables status.</i> 	AIGUASOL CU RWTH
12:30 – 13:00	The PLUG-N-HARVEST ADBE (WP2) <ul style="list-style-type: none"> ➤ <i>Advances/Refinements on the final ADBE design and technical manual.</i> ➤ <i>Advances/Refinements on the ADBE configuration toolkit showcase.</i> ➤ <i>Preliminary lab-test results evaluation.</i> ➤ <i>Time-plan and WP2 deliverables status.</i> 	RWTH CERTH/CPERI ETL
13:00 – 13:30	The PLUG-N-HARVEST ICT Ecosystem (WP3) <ul style="list-style-type: none"> ➤ <i>ICT Ecosystem integration plans and progress.</i> ➤ <i>States of IMCS, OEMS, DRFFO, Safety and Security-BMS.</i> ➤ <i>Data model extensions and intercommunication interfaces.</i> ➤ <i>Execution manager and secure SUB-based token-exchange.</i> ➤ <i>Time-plan and WP3 deliverables status.</i> 	CERTH/ITI ETRA I+D OdinS SIEMENS
13:30 – 14:30	Light Lunch Break	
14:30 – 15:30	Tutorial and Guidelines for gateways configuration	CERTH/ITI OdinS
15:30 – 16:30	The PLUG-N-HARVEST pilot sites (WP4) The Greek pre-pilot site BA: <ul style="list-style-type: none"> ➤ <i>Existing sensing and operating infrastructure (data centers, building management systems, etc.).</i> ➤ <i>Pre-pilot deployment current status.</i> ➤ <i>Pre-pilot implementation time-plan.</i> ➤ <i>Pre-pilot tests time-plan.</i> ➤ <i>Task 4.1 Deliverables status.</i> The Greek pre-pilot site & ADBE: <ul style="list-style-type: none"> ➤ <i>Façade and load bearing system brief description.</i> ➤ <i>Selected technologies (type and size) for the ADBE.</i> ➤ <i>Initial draft designs of installed ADBE.</i> ➤ <i>ADBE tenders terms and responsibilities outsourcing.</i> ➤ <i>ADBE tenders terms and time-plan.</i> ➤ <i>Task 4.1 Deliverables status.</i> 	CERTH/ITI
16:30 – 17:00	Conclusions / Misc. / AOB	CERTH/ITI



**27th February 2020 – Meeting room at 6th Floor (register at the building entrance)
 Welsh Higher Education Brussels (WHEB), Wales House, 11 Rond Point Schuman, B1040
 Brussels, Belgium**

[Check the map for the exact location!](#)

Time	Agenda Item	Moderator
09:00 – 09:30	Opening – Welcome <ul style="list-style-type: none"> ➤ <i>List of attendees, 5-min Introductions</i> ➤ <i>Approval of agenda</i> ➤ <i>Group photo(s)</i> 	CERTH/ITI
9:30 – 10:30	The PLUG-N-HARVEST pilot sites (WP4) The Greek pilot site BA: <ul style="list-style-type: none"> ➤ <i>Existing sensing and operating infrastructure (data centers, building management systems, etc.).</i> ➤ <i>Pre-pilot deployment current status.</i> ➤ <i>Pre-pilot implementation time-plan.</i> ➤ <i>Pre-pilot tests time-plan.</i> ➤ <i>Task 4.5 Deliverables status.</i> The Greek pilot site ADBE: <ul style="list-style-type: none"> ➤ <i>Façade and load bearing system brief description.</i> ➤ <i>Selected technologies (type and size) for the ADBE.</i> ➤ <i>Initial draft designs of installed ADBE.</i> ➤ <i>ADBE tenders terms and responsibilities outsourcing.</i> ➤ <i>ADBE tenders terms and time-plan.</i> ➤ <i>Task 4.5 Deliverables status.</i> 	RWM
10:30 – 11:30	The PLUG-N-HARVEST pilot sites (WP4) The Welsh pre-pilot site BA: <ul style="list-style-type: none"> ➤ <i>Existing sensing and operating infrastructure (data centers, building management systems, etc.).</i> ➤ <i>Pre-pilot deployment current status.</i> ➤ <i>Pre-pilot implementation time-plan.</i> ➤ <i>Pre-pilot tests time-plan.</i> ➤ <i>Task 4.3 Deliverables status.</i> The Welsh pre-pilot ADBE: <ul style="list-style-type: none"> ➤ <i>Façade and load bearing system brief description.</i> ➤ <i>Selected technologies (type and size) for the ADBE.</i> ➤ <i>Initial draft designs of installed ADBE.</i> ➤ <i>ADBE tenders terms and responsibilities outsourcing.</i> ➤ <i>ADBE tenders terms and time-plan.</i> ➤ <i>Task 4.3 Deliverables status.</i> 	CU
11:30 – 12:00	Coffee Break	
12:00 – 13:00	The PLUG-N-HARVEST pilot sites (WP4) The Welsh pilot site BA: <ul style="list-style-type: none"> ➤ <i>Existing sensing and operating infrastructure (data centers, building management systems, etc.).</i> ➤ <i>Pre-pilot deployment current status.</i> ➤ <i>Pre-pilot implementation time-plan.</i> ➤ <i>Pre-pilot tests time-plan.</i> 	CCC



	<ul style="list-style-type: none"> ➤ <i>Task 4.3 Deliverables status.</i> <p>The Welsh pilot site ADBE:</p> <ul style="list-style-type: none"> ➤ <i>Façade and load bearing system brief description.</i> ➤ <i>Selected technologies (type and size) for the ADBE.</i> ➤ <i>Initial draft designs of installed ADBE.</i> ➤ <i>ADBE tenders terms and responsibilities outsourcing.</i> ➤ <i>ADBE tenders terms and time-plan.</i> ➤ <i>Task 4.3 Deliverables status.</i> 	
13:00-14:00	<p>The PLUG-N-HARVEST pilot sites (WP4)</p> <p>The Spanish pilot site BA:</p> <ul style="list-style-type: none"> ➤ <i>Existing sensing and operating infrastructure (data centers, building management systems, etc.).</i> ➤ <i>Pre-pilot deployment current status.</i> ➤ <i>Pre-pilot implementation time-plan.</i> ➤ <i>Pre-pilot tests time-plan.</i> ➤ <i>Task 4.4 Deliverables status.</i> <p>The Spanish pilot site ADBE:</p> <ul style="list-style-type: none"> ➤ <i>Façade and load bearing system brief description.</i> ➤ <i>Selected technologies (type and size) for the ADBE.</i> ➤ <i>Initial draft designs of installed ADBE.</i> ➤ <i>ADBE tenders terms and responsibilities outsourcing.</i> ➤ <i>ADBE tenders terms and time-plan.</i> ➤ <i>Task 4.4 Deliverables status.</i> 	AHC AIGUASOL
14:00 – 15:00	Lunch Break	
15:00-16:00	<p>The PLUG-N-HARVEST pilot sites (WP4)</p> <p>The German pilot site BA:</p> <ul style="list-style-type: none"> ➤ <i>Existing sensing and operating infrastructure (data centers, building management systems, etc.).</i> ➤ <i>Pre-pilot deployment current status.</i> ➤ <i>Pre-pilot implementation time-plan.</i> ➤ <i>Pre-pilot tests time-plan.</i> ➤ <i>Task 4.2 Deliverables status.</i> <p>The German pilot site ADBE:</p> <ul style="list-style-type: none"> ➤ <i>Façade and load bearing system brief description.</i> ➤ <i>Selected technologies (type and size) for the ADBE.</i> ➤ <i>Initial draft designs of installed ADBE.</i> ➤ <i>ADBE tenders terms and responsibilities outsourcing.</i> ➤ <i>ADBE tenders terms and time-plan.</i> ➤ <i>Task 4.2 Deliverables status.</i> 	RWTH
16:00 – 17:00	<p>Misc. / AOB</p> <p>Decision upon time and place for the next F2F meeting</p>	CERTH/ITI