

Horizon 2020 Energy Efficiency Technical Progress Report

Updated version V2

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Author:	Michael Pachlatko, mpachlatko@jouleassets.com , +39 366 155 27 81



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1 Progress of work plan in the period:

WP 1 – Communication, Stakeholder-SEAF Interaction			
Key objectives	Progress	On track	Delayed
Stakeholder Group	The SEAF Stakeholder group was established and convened at a dedicated workshop in Barcelona in June 2016. A 2 nd workshop is planned in early November 2016. There are currently over 130 Stakeholders involved with SEAF.	✓	
Outreach	<p>Website: Project website is set up and updated regularly. The website was re-designed in October 2016</p> <p>Social Media: Regular social media contributions on Twitter and LinkedIn,</p> <p>Newsletter: the first newsletter was published September 21st</p> <p>Blog posts: Two blog posts have been written. and a News Letter.</p> <p>Brochure: A SEAF info glossy brochure was designed printed in June 2016.</p> <p>Press releases: 4 Press releases have been written. 2 introducing the project and the consortium and 2 on the consortium related events.</p> <p>Press cooperation: Energati has partnered with SEAF to promote both the project and the sector. We have had 2 articles in their publications and they are also attending our November Investor Days Event in Lisbon.</p> <p>Interviews with Stakeholders:</p> <p>In order to ensure that the SEAF tool is built according to stakeholder needs the consortium has performed extensive introductory interviews. The interviews focus on the stakeholder's needs and main concerns.</p> <p>Interviews conducted from November 2016 onwards will focus on the use of the SEAF tool itself as test projects can now be analysed.</p>	✓	

WP 1 – Communication, Stakeholder-SEAF Interaction

Investor Interviews:

- 11 Investor Funds have had conference calls
- 5 face to face meetings with investors

Contractor interviews:

- 27 Contractor interviews have been carried out
- 3 Face to face meetings organized.

The meetings and interviews are followed up by signing of MNDAs and a provisional service agreement (there are currently no fees for using the SEAF tool, however given the sensitivity of the data, agreements are considered important).

Webinars were organised by the SEAF Consortium:

- **Introductory SEAF Webinar April 26th, 2016**
 - 105 participants registered and 85 attended. The follow-up was excellent.
 - This webinar provided a general overview of the SEAF tool.
- **Contractor Introduction to the SEAF Tool October 25th, 2016**
 - This webinar was a technical overview of the SEAF Tool and was **only** for contractors who have signed an MNDA
 - 25 participants registered and 18 attended. One on one follow-up meetings were organized

The SEAF project was presented at the following 9 events in course of the first 9 months of the project:

- Investor Days in Brussels 21&22/2/16

WP 1 – Communication, Stakeholder-SEAF Interaction

- Cleantech Forum Europe in Lyon 13/4/16
- E2 event in Brussels on 13/6/16
- EUSEW policy event in Brussels on 15/6/16
- Investor Days in Barcelona on 16/6/16
- Energati Webinar 1/9/16
- APFL Lausanne 27/4/16
- IEEE Smart Grids Event Paris in 16/10/16
- Renovate Europe, Parliamentary Lunch 20/10/16

Organized Events: The SEAF Consortium has arranged Stakeholder Workshops. Both workshops were organized in cooperation with the Investor's Confidence Project.

Investor Days Barcelona June 16-17 2016

Here over 75 participants registered to participate over the two days. The event consisted of presentations, panel discussions of both contractors and investors, group discussions and one on one sessions where Stakeholders could test and comment on the SEAF tool.

Investor Days Lisbon November 2-3, 2016

Here over 110 participants have registered for two days. The event will consist of presentations, panel discussions of both contractors and investors, group discussions and one on one sessions where Stakeholders could test and comment on the SEAF tool. More information will be included in the following technical report.

WP 2 – Use Case Definition			
Key objectives	Progress	On track	Delayed
Use case definitions	T2.1 (incl. D2.1) completed. A total of 10 UCs have been defined in D2.1 and will build the basis for the work in WP4 and WP5.	✓	
	T2.2 (incl. D2.2) completed. A total of 4 UCs have been defined in D2.2 and will build the basis for the work in WP4 and WP5.	✓	
	T2.3 ongoing and D2.3 not yet submitted. A total of 7 UCs will be defined in D2.3 and will build the basis for the work in WP4 and WP5. Submission of D2.3 is expected by the end of November 2016.		✓*
Exploration of future business cases	T2.4 ongoing and D2.4 not yet submitted.		✓*

*Both Deliverables, 2.3 and 2.4, have been submitted at the time of submission of version 2 of this report.

WP 3 – Standardized Risk Assessment

Key objectives	Progress	On track	Delayed
Establishment of an Insurance Distribution Framework	<p>Willis Tower Watson (WTW) was appointed as single insurance intermediary for all 10 target countries, with a TOBA in place. WTW were identified as a good potential partner for the following reasons:</p> <ul style="list-style-type: none"> - local representation in all of the 10 target territories. - international energy insurance practice based in London. - WTW's Energy Team have an existing Terms of Business Agreement with HSB which can be utilised for the agreement. - WTW have a track record of successfully distributing innovative energy insurance solutions around the world – including Solar Shortfall Insurance – a sister product to HSB's Energy Efficiency Insurance. <p>The formal process for handling enquiries, quotations and attachments was established.</p>	✓	✓*
Production of a compliant policy documentation	<p>All policy documentation is translated for all 10 target markets.</p> <p>Call for tender was issued in April 2016, with 4 pre-selected law firms.</p> <p>The law firm Holman Fenwick Willan was selected for best value for money.</p> <p>Costs for legal subcontracting were sufficient.</p> <p>Claims support solution has been identified with Cunningham Lindsey, and the claims support process has been defined. Individual phone lines in each of the 10 target countries have been set up.</p>	✓	✓*
Customisation of a Risk Assessment Model	Both the due diligence process (including adjusted data capture file) and credit risk enhancement model have been developed.		✓

WP 3 – Standardized Risk Assessment

	<p>The BERT (Building Efficiency Risk Tool) model allows to rapidly issue insurance quotations utilizing the data capture file, which in turn relies to 80% on pre-filled information from the standard SEAF project description. The ERNIE model assesses a potential credit risk enhancement.</p> <p>Both outputs can be re-submitted and included in the project description on the SEAF platform, enhancing both an end-customer’s and an investor’s trust in the project’s savings’ estimations.</p>		
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*Both Deliverables, 3.1 and 3.2, have been submitted at the time of submission of version 2 of this report.

WP 4 – Requirements, specifications, security & privacy policies of SEAF services			
Key objectives	Progress	On track	Delayed
Data security survey	T4.1 (incl. D4.1) completed	✓	
Contractor services and interface specifications	T4.2 (incl. D4.2) completed*	✓	
Contractor automated user interface	<p>The contractor automated user interface has been designed and implemented (see D4.2). The user interface enables the visualization and interaction with the following contractor services:</p> <ul style="list-style-type: none"> • Individual project management (microscopic view). The contractor is able to create new projects, manage the existing ones, and view all the detailed project inputs with respect to project design as well as the project report. • Project portfolio management (macroscopic view). The contractor can view all the active projects through their project dashboard and keep up with the project's status and the recent activity on the platform (projects evaluated, financed etc). Furthermore, they can obtain individual project performance metrics as well as overall project portfolio Key Performance Indicators (KPIs). • Retrieval of the ECM classification list for a project. • User and account profile management. • Document management for storing, tracking and managing documents in relation to the project's evaluation process. 	✓	
Investor services	<p>The investor services have been designed currently under implementation phase. The foreseen services are the following:</p> <ul style="list-style-type: none"> • Project portfolio management (macroscopic view). The investor can view all the active projects through their project dashboard and keep up with the project's status and the recent activity on the platform (projects evaluated, financed etc). Furthermore, they can obtain overall project portfolio Key Performance Indicators (KPIs). 	✓	

WP 4 – Requirements, specifications, security & privacy policies of SEAF services			
	<ul style="list-style-type: none"> • Obtain comprehensive project descriptions, including project report and estimated cash flows. • User and account profile management. 		
Investor user interface	The investor's dashboard has been designed being currently under implementation phase.	✓	

*at the time of submission of version 2 of this report.

WP 5 – Coordination and Services Integration

Key objectives	Progress	On track	Delayed
SEAF platform integration and testing	Jenkins server has been installed in order to facilitate the continuous integration (continuous software builds) along with the automated testing of the platform. Scripting for test automation has been started.	✓	
SEAF demonstration	<p>In several cycles, mock-ups of user interface and platform services have been designed to visualize the core elements, functionalities and scope of the SEAF platform, both within and outside the project consortium.</p> <p>Currently, a staging server is operative, including all functionalities explained in WP4. One-on-one sessions have been organised at both SEAF Stakeholder workshops to gather direct feedback from potential future users (contractors), and the response in the first workshop was very good (the results of the second workshop are forthcoming at the time of writing).</p> <p>An Alpha version of the SEAF platform will be completed by the end of 2016, leaving 2-3 months' time for intense testing with both contractors and investors, in view of a first launch of the platform in March 2017.</p>	✓	
Data management privacy and security	Currently, the basic part of authentication and authorization/access control functions has been implemented. Furthermore, dedicated API acceptance tests in relation to security and especially authentication and authorization have been developed. The work on extending the security test suite (API, user acceptance tests) is ongoing.	✓	

WP 6 – Project Management

Key objectives	Progress	On track	Delayed
Day-to-day project management	<p>The following project management tools have been put in place:</p> <ul style="list-style-type: none"> - Project Manual (D6.1) - Project Website (D6.2), including private internal area for document sharing - Mailing lists for sub-groups of the consortium - Monthly consortium update calls - Reporting templates for costs, PMs and Tasks/Deliverables/Milestones - Trello board for software development progress tracking and bug fixing <p>Aside of the Kick-off meeting in February, the entire consortium convened in Thessaloniki in May and in L'Aquila in September for dedicated 2-day work meetings.</p>	✓	
First internal reporting round (M6)	All partners have submitted their respective reports on costs, PMs and Tasks/Deliverables/Milestones for the period M1-6. No significant delays or overspending is to be reported.	✓	
Periodic report (M9)	Periodic report (this document) submitted.	✓	

2 Progress on milestones (optional)

Milest. no.	Milestone title	Delivery date in Annex 1	Means of verification	Achieved	If not achieved, forecast date	Comments
MS 1	Definition of requirements for contractors and investors	30 June 2016	Use case requirements for contractors and investors will be defined.	YES		This Milestone was achieved together with the submission of D2.2, which took place with a slight delay (M7).

3 Other issues

SEAF will submit the data on projects it gathers to the EASME data-base. This will be realistic in 2017. We are also aware that we need to structure in carbon pricing into the data base, although for now electricity costs are a key KPI.

4 Use of resources

No major over- or under-spending of resources (in person-months and/or personnel costs) to be reported.

No major unforeseen expenses that were not planned in Annex 1 to be reported.