

Project acronym	Life Bitmaps
Project full title	Pilot technology for aerobic Biodegradation of spent TMAH Photoresist solution in Semiconductor industries
Project Number	LIFE15 ENV/IT/000332

Action D1	Action D1 “Dissemination Planning and Execution”
Annex - Document title	ANNEX D1_9_Final Conference
Revision no.	2
Document date	30 December 2020
Due date of deliverable	30 September 2020
Dissemination level	Public (PU)
Responsible partner	LFOUNDRY
Contributing partners	all partners
Reviewing partners	all partners

Dissemination level		
PU	Public	PU
PP	Restricted to other programme participants (including the Commission Services)	
RE	Restricted to a group specified by the consortium (including the Commission Services)	
CO	Confidential, only for members of the consortium (including the Commission Services)	

Revision Chart and History Log		
Version	Date	Comment
1	20/09/2020	Rev 1 submitted to partners for internal review
2	30/12/2020	Rev 2 to include data gathered by the project website

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Final Conference scope, objectives and arrangements

The scope of the Final Conference, held on September 17th 2020, has been that summarize the project's results and identify possible future developments aimed to replicate BITMAPS technology

by engaging local, regional and national authorities local authorities and their technical bodies as well as that of making aware the semiconductor firms adhering to ESIA of technical achieved results and possible future scenarios about wastewaters treatments.

Therefore, according to the agenda, the participants had the opportunity to attend either the morning section - where the objectives and results of the project were discussed as well as possible policy and regulation implications upon the proceeding that will be undertaken in order to recognize BITMAPS technology as an “emerging technology” – either the afternoon section which included more technical presentations related to results and the implications for industry of possible future developments.

Due to the pandemic timeframe the “Opening Event” of BITMAPS has been merged to the Final Conference, in order to give demonstration of the pilot plant operations, a video showing the plant arrangement and processes realized was proposed during both the morning and the afternoon section. Furthermore, the Final Conference event was organized in a “mixed mode” foreseen a minimum presence on site and using a telematic tool which was anyway required considering the distribution of ESIA members in the EU countries.

1. Poster & Invitations

The poster in next page has been prepared at the visitors’ entrance of the LFoundry site where the Final Conference was arranged. It was attached to the initial invitations delivered between the end of July and the beginning of August 2020 for registration purposes:

Dear,

on behalf of BITMAPS consortium, I'm pleased to invite You to the Webinar session of the "**FINAL CONFERENCE AND PILOT PLANT VISIT**" event

which will take on **Thursday, September 17, 2020 from 14:30 to 16:00 CEST.**

The event will be the opportunity to share outcomes achieved by the BITMAPS project aimed to demonstrate the degradation of TMAH (tetramethylammonium hydroxide) and give insights into different stakeholder perspectives about wastewater treatment in the industry.

More Information about **BITMAPS project** available at the following website:
<http://www.lifebitmaps.eu/>

You can Sign in for the "FINAL CONFERENCE AND PILOT PLANT VISIT" clicking on the following link:
<http://www.lifebitmaps.eu/registration/>

Fill the required information and selecting the option: I'll participate only to the Webinar in the afternoon (14:30 -16:00)

Please forward this message to people in your organization who might be interested to participate to the Webinar.

A detailed conference agenda as well as the instructions for connection through the application "Microsoft Teams", will be provided with a further e-mail few days before the event.

Best Regards,

Guglielmo Iuliano
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FINAL CONFERENCE AND PILOT PLANT VISIT

Thursday , September 17, 2020
LFoundry, Via Pacinotti, 7 - Avezzano (AQ, Italy)

10:00 -12:30
FINAL CONFERENCE (session in presence)

14:30-16:00
TECHNICAL CONFERENCE (Webinar)



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DE L'AQUILA**



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Conference Agenda and Proceedings

Conference Agenda provided together with the invitation .
Conference proceedings will be available at url: <http://www.lifebitmaps.eu/events.html>

Contacts

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For technical information please contact: guglielmo.iuliano@ifoundry.com

Fig.1 – Poster for the Final Conference

2. Conference Agenda

A couple of weeks before the event, a final invitation including the Conference agenda was addressed to the interested individuals who has signed themselves for participation.

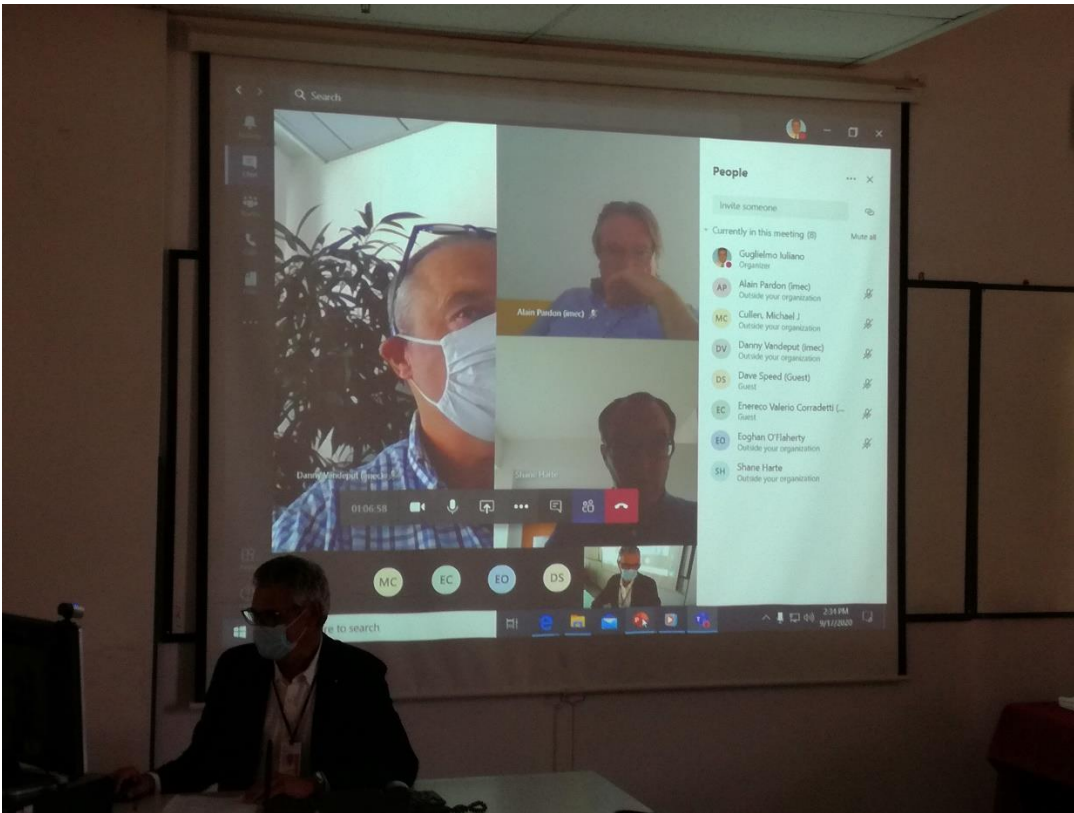
TIME	ACTIVITY	WHO
	<u>Morning section</u>	
10:00-10:30	Welcome coffee and participant registration	SECURITY
10:30-10:50	Facility overview - BITMAPS impacts for industry and social context TMAH: an environmental problem ?	F. MARCHILI (M.D'ANTIOCHIA)
10:50-11:20	BITMAPS Project: Objectives, environmental opportunities and socio-economic impacts	G. IULIANO
11:20-11:50	Guided tour or Video of the LIFE BITMAPS Pilot Plant	F.VEGLIO'/G.IULIANO I.DE MICHELIS
11:50-12:20	Environmental impacts and economic performance for an industrial plant adopting BITMAPS technology Opportunities to commercialize the developed technology	F. VEGLIO'
12:20-12:30	Discussion and Q/A	
12:30-13:30	LUNCH	
	<u>Webinar section</u> (Facilitator: Guglielmo Iuliano)	
14:30 -15:00	Experimental Results achieved with BITMAPS	I.DE MICHELIS
15:00 -15:30	LCA and LCC for an industrial plant adopting BITMAPS technology opportunities and possible applications of the BITMAPS Technology	F.VEGLIO' /V.INNOCENZI
15:30-16:00	Q/A	BITMAPS STEERING COMMITTEE

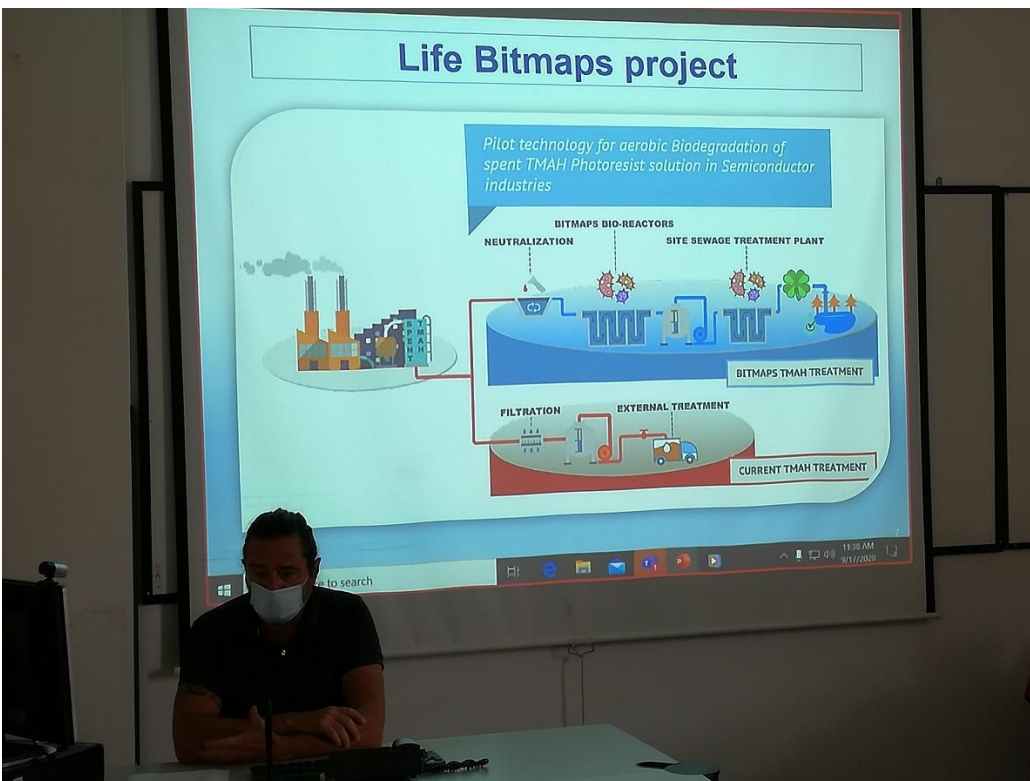
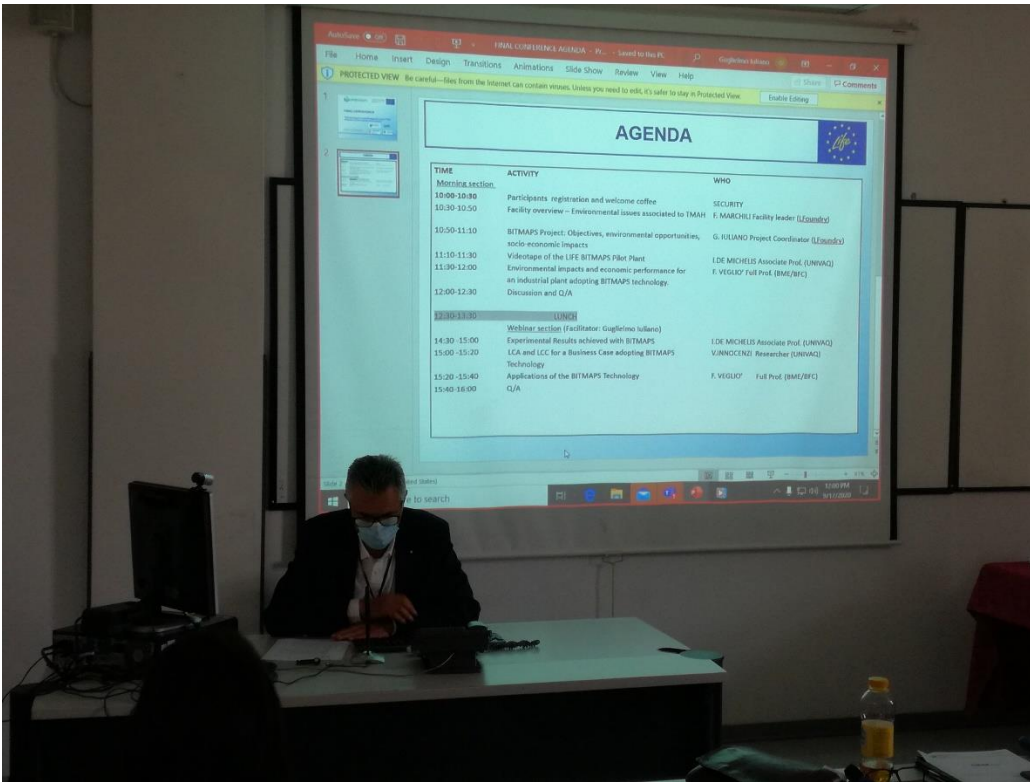
Documents and presentations given during the event are available at the following url:
<http://www.lifebitmaps.eu/events/event2.html>

3. List of Participants

Here below the list of participants to the event

NAME	e-mail	ENTITY/ORGANIZATION
STEFANO DI FABIO	sdifabio@comuneavezzano.it	Municipal Authority Environmental Officer
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4. Conference Outputs

Considering the difficulties due to Covid-19 outbreaks, the interest demonstrated by the participants has been very good. Authorities and technical bodies took awareness of results and demonstrated willingness to support the “After Life” initiatives addressed to promote Bitmaps as Emerging Technology.

ESIA members were interested to the technical results and a proficient discussion about wastewater treatments containing TMAH was held in the final round table. Also, they recognised, in view of the “After Life” activities, that a possible update of the regulation in terms of wastewater containing TMAH would be possible in the future. Based on that, a better openness by semiconductor industries in terms of information about their approach for managing wastewaters containing TMAH would be encouraged in order identify possibilities to cooperate with BITMAPS consortium for eventual replication of the developed technology.

The interest generated by the Final Conference activities is also demonstrated by the significant increase in terms of accesses to the BITMAPS website as consequence of the dissemination made through the Final Conference how depicted in the following graph.



Fig 1- Number of visits to the BITMAPS website in 2020