

NO MICROPLASTICS, JUST WAVES.



3rd Annual Report 01/10/2021 – 30/09/2022











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Executive Summary

The project officially started on 1st October 2019. During the first three years of implementation, all the project actions have started and no major problems emerged. The main management structures are currently smoothly ongoing, including the Steering and Executive committees and the main WGs (communication, scientific, etc.).

Actions A1, A2 and A3 ended with the preparation of three deliverables: an Executive Action Plan of activities, the carrying out of a Survey on Best Practices and the elaboration of the Communication Plan.

All the seven core actions (actions B1 – B7) are currently in progress and they will be accomplished by the end of the project, as well as the two actions devoted at the monitoring of the project impact (actions C1 and C2) and the three communication actions (actions D1, D2 and D3). Finally, the project foresees the implementation of two actions designed to project monitoring (actions E1 and E2) which have already started. The project's activities are proceeding without relevant problems also if some of them are slightly late to respect the expected deadline. Anyway, this delay does not affect the project working plan which is still valid. The limitations imposed by the sanitary emergency due to the Covid-19 had a significant impact on the timing of some activities, especially those addressed to involvement of citizens that foreseen organization of live meetings and public events (i.e., actions B1, B5, B6, D1 and D2), as well as the activities related to monitoring and sampling campaigns in treatment plants (i.e., actions B2 and B3). However, this delay was partially recovered during the second year of the project (see 2nd Monitoring Report).

In the next section all the ongoing actions will be described separately.

B.1 Campaign for local authorities and stakeholders.

This action started in January 2020. The participatory process for the delivery of the Italian Lake Papers was concluded (November 2021). As already stated in the 2nd Monitoring Report, the final Lake Papers for the targeted Italian Lakes was delivered between June and September 2021. In Italy, the final version of the Lake Paper was presented in plenary meetings (in presence) with stakeholders involved in the participatory process, at Castiglione del Lago (Trasimeno Lake Paper, 20/07/2021), Desenzano (Garda Lake Paper, 18/11/2021) and Trevignano (Bracciano Lake Paper 25/11/2021).

The promotion activity of the Lake Paper to other Italian and German Lakes communities was started at the beginning of 2022 in both countries and it is currently ongoing. During the 2022 *Goletta dei Laghi* campaign, a document called *Manifesto del Lago* has been prepared and shared with local communities, in order to promote the draft of a Lake Paper in each lake touched by the itinerant campaign. Moreover, a Lake Day event has been carried out in each step of *Goletta dei Laghi* campaign to raise awareness of microplastics pollution in lakes.

During the reporting period, a total of 28 stakeholders from 3 Italian Lakes (Bracciano, Trasimeno and Garda) and 1 German Lake (Constance) have formally adopted the Lake Paper, 8 of which are municipalities. In Germany, the preliminary Lakes Papers for Lake Constance and Lake Chiemsee were presented to the local communities on occasion of specific "Round tables" (May 2021 and April 2022) which offered the opportunity to have an exchange at eye level for the participants from different points of views.

	Starting date								
	cted end date:								
	cted end date:						RESPONSI	BLE PARTNER:	LEGAMBIENTE
	Total months:	45							
								1	Activity delay indicator
63%	ACTION PROG	RESS STATUS			86%			0	Delay
Progress status	Type (M/D)	Activity	Expected	Achieved amount	% achieved	Expected Deadline	Actual or extimated deadline	Variation (months)	Note
100%	D	Draft Lake Paper	1	1	100%	30/4/2020	31/5/2020	1	 The release of the draft Lake Paper has been postported to the er of May 2020 instead of April 2020, as reported in the Proposal due the Covid-19 emergency.
100%	м	Start of PP - Preliminary phase	1	1	100%	30/4/2020	15/10/2020	6	The time frame of the Preliminary phase has been charged from – June 2020 to September – November 2020 due to the Covid-19 emergency
100%	м	Start of PP - Initial phase	1	1	100%	30/6/2020	22/2/2021	8	The time frame of the initial phase has been changed from June - August 2020 to November 2020 - January 2021 due to the Covid-1 emergency.
100%	м	Start of PP - Central phase	1	1	100%	30/9/2020	19/5/2021	8	The time frame of the Central phase has been changed from September – December 2020 to January 2020 – March 2021 due t the Covid-19 emergency.
100%	м	Start of PP - Final phase	1	i	100%	31/1/2021	20/7/2021	6	The time frame of the Final phase has been changed from January March 2021 to March – June 2021 due to the Covid-19 emergency
100%	D	Final Lake Paper Trasimeno	1	1	100%	30/4/2021	28/6/2021	2	The release of the Final Lake Papers has been postpored to June 2021 instead of April as stated in the proposal due to the Covid-19 emergency.
100%	D	Final Lake Paper Bracciano	1	1	100%	30/4/2021	15/9/2021	5	The release of the Final Lake Papers has been postpored to June 2021 instead of April as stated in the proposal due to the Covid-19 emergency.
100%	D	Final Lake Paper Garda	5	1	100%	30/4/2021	13/7/2021	2	The release of the Final Lake Papers has been postpored to June 2021 instead of April as stated in the proposal due to the Covid-19 emergency.
100%	D	Final Lake Paper LAke Constance	1	1	100%	30/4/2021	16/2/2022	10	The release of the Final Lake Papers has been postpored to June 2021 instead of April as stated in the proposal due to the Covid-19 emergency.
100%	D	Final Lake Paper LAke Chiemsee	1	1	100%	30/4/2021	16/2/2022	10	The release of the Final Lake Papers has been postpored to June 2021 instead of April as stated in the proposal due to the Covid-11 emergency.
100%	M	Conference in Garda Lake	1	1	100%	31/07/2021	18/11/2021	4	
100%	м	Conference in Trasimeno Lake	1	1	100%	31/07/2021	20/07/2021	0	
100%	M	Conference in Brassiano Lake	1	1	100%	31/07/2021	25/11/2021	4	
100%		Start of the 2021 itinerant campaign at additional lake communities	1	1	100%	31/07/2021	06/07/2021	-1	
100%	м	Round tables at Lake Constance and at Chiemsee	2	2	100%	31/07/2021	25/11/2021	4	The first in May 2021 (online meeting both lakes) - The second on 29th November
100%		Start of the 2022 itinerant campaign at additional lake communities	1	1	100%	30/06/2022	01/07/2022	0	
0%		Start of the 2023 itinerant campaign at additional lake communities	1	0	0%	30/06/2023	16/06/2023	0	
40%		Adoption ok Lake Paper by 20 municipalities	20	8	30%	30/09/2023	30/09/2023		
0%	M	Final Conference	1	0	0%	31/10/2023	26/09/2023	-1	
		TOTAL	38	24					

B.1 Campaign for local authorities and stakeholders

B.2 Monitoring protocol: Pilot on Trasimeno and Bracciano Lakes.

This action is regularly proceeding notwithstanding an initial delay due the Covid-19 pandemic crisis. The analysis of the samples collected in the second year of seasonal monitoring is still ongoing. The first edition of tree-days training course on lake microplastics monitoring based on the Standardized Protocol for technicians and personnel of ARPA/APPA was held at the headquarters of Arpa Umbria in Terni and at Piediluco Lake (26-28/09). Another tree-days training course on lake microplastics monitoring is planned for 3-5 October 2022.

B.2 Monitoring protocol	: Pilot on Trasimend	o and Bracciano Lakes
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	Starting date	1/10/2019							
ginal expe	cted end date:	30/6/2022							
lated expe	cted end date:	30/6/2022					RESPONSI	BLE PARTNER:	LEGAMBIENTE
	Total months:	33							
								1	Activity delay indicator
71%	ACTION PROG	RESS STATUS			83%			0	Delay
Progress status	Type (M/D)	Actiivity	Expected amount	Achieved amount	% achieved	Expected Deadline	Actual or extimated deadline	Variation (months)	Note
100%	м	Characterization of sites and criteria for the selection of sampling transect	1	1	100%	1/3/2020	1/4/2020	1	Deadline modified in the EAP do to the Covid-19 emergency.
100%	D	Technical data sheet of single phases	1	1	100%	1/3/2020	5/5/2020	2	Deadline modified in the EAP do to the Covid-19 emergency.
100%	м	Validation of operating procedures	1	1	100%	1/3/2021	01/09/2021	6	Deadline modified in the EAP
100%	D	Monitoring Protocol	1	1	100%	31/5/2021	30/11/2021	6	Deadline modified in the EAP
0%	м	Technical report: two years of lake monitoring activities	1	0	0%	31/10/2022	16/6/2023	8	Deadline modified in the EAP
100%		Organization and realization of the three-day training course on lake microplastic monitoring protocol microplastic monitoring in Polvese Island (Trasimeno lake)	1	1	100%	30/6/2022	26/9/2022	3	3 giorni 26-28 settembre
0%		Dissemination seminars to relevant authorities	1	0	10%	31/05/2023			
		TOTALE	7	5					

B.3 Technical Protocol for Urban Water Service Infrastructure. Pilot on Garda Lake.

This action ended at the end of September 2022 with the finalization of the microplastics analysis and characterization and the delivery of the deliverable "Analytical protocol for process control (MPs in wastewater and sludge)" (deadline postponed from June 2022 to September 2022).

In this document the results of a pilot study carried out on full-scale water services infrastructures were presented, applying sampling methods and analytical procedures developed and optimized for the collection and characterization of microplastics in raw, treated waters and sludge, already described in the deliverable "Technical report and operative manual regarding the improvement of the treatment process",

Data are discussed in terms of MPs abundance and of the most frequently found shape, size class and polymer typologies, focusing on the individual water treatment units/processes to trace step by step possible changes in the number and characteristics of these contaminants.

al expected		30/9/2022 30/9/2022					RESPONS	BLE PARTNER	UNIVPM
	tal months:								
								1	Activity delay indicator
100% Progress status	Type (M/D)	Actilvity	Expected	Achieved	100% % achieved	Expected	Actual or extimated deadline	0 Variation (months)	Note
100%	M	Start Phases 1 (Sampling in real environment) and 2 (MPs sample preparation and characterization)	1	1	100%	1/4/2020	7/7/2020	3	Due to the COVID-19 outbre. Phase 1 started in July 2020 Castreccioni PTP and will last until August 2021, Phase 2 started as well in July 202 o will last until August 2021.
100%		Start sampling campaign in Castreccioni	1	1	100%	7/7/2020	7/7/2020	0	
100%	м	Site and plant selection for pilot actions	1	1	100%	1/4/2020	1/8/2020	4	Deadline modified in the EAP due to the Covid-19 emergen first techical visit to decide sampling points in Castroccio PTP in June. Contacts with A0 utility and plants layouts acquired in June. First technic
		Technical visit in Castreccioni for sampling campaign						0	visit in Garda in October 2020
100%		organization in the potabilization treatment plants	1	1	100%	11/6/2020	11/6/2020	×	
100%		Technical visit in Garda for sampling campaign organization in the potabilization treatment plants of Garda Molinet and Bremaone Catelletto	i i	1	100%	7/10/2020	7/10/2020	0	
100%	M	Process revision and optimization	1	1	100%	1/4/2020	1/8/2020	4	Deadline modified in the EAI due to the Covid-19 emerger
100%	D	Technical report and operative manual treatment process	1	1	100%	30/6/2021	31/10/2021	4	The deliverable "Technical report and operative manual regarding the improvement of the treatment process" is postpored to October 2021 (instead of June 2021)
100%	м	Start Phase 3	1	1	100%	1/7/2021	1/9/2021	2	Due to the COVID-19 outbrea Phase 3 will start in Septemb 2021 and last until May 2022
100%	M	Characterization of single process step	1	1	100%	1/6/2022	1/8/2022	2	
100%	D	Analytical protocol for process control (MPs in wastewater and sludge)	1	3	100%	30/6/2022	30/9/2022	3	The deliverable "Analytical protocol for process control (MPs in wistewater and sludge)" is postponed to July 2022 (instead of June 2022)
		TOTALE	10	10					

B.3 Technical Protocol for Urban Water Service Infrastructure. Pilot on Garda Lake

B.4: Training for Sewage Treatment Plants (STP) operators.

This action started in October 2021 and it is regularly in progress. A specific questionnaire was prepared to involve participants in the training course and for evaluating their interest in participating. The questionnaire was submitted in June 2022 also thanks to the involvement of UTILITALIA. The organization of the first edition of training courses on Microplastics on Integrated Service is going on. The training program was defined in August 2021 (milestone) and the first training course is planned for December 2022. Moreover, contacts were made with the German partners to organize a training course specifically addressed to German operators, to be held in Ancona (Italy) in April 2023.

			-			A 6			
	Starting date	1/10/2021							
ginal expe	cted end date:	30/9/2023							
	cted end date:						RESPONSI	BLE PARTNER:	UNIVIPM
	Total months:	24							
								0	Activity delay indicator
43%	ACTION PROG	RESS STATUS			38%			0	Delay
Progress status	Type (M/D)	Actiivity	Expected amount	Achieved amount	% achieved	Expected Deadline	Actual or extimated deadline	Variation (months)	Note
100%		List of stakeholders to be interviewed	1	1	100%	1/10/2020	1/10/2020	0	
100%	м	Selection criteria of the operators	1	1	100%	30/6/2022	30/6/2022	0	Questionario pe tecnici utilitalia
100%	М	Final training program definition	1	1	100%	30/6/2022	31/8/2022	2	
100%	м	Class definition	1	1	0%	30/9/2022	31/10/2022	1	
0%	D	Teaching material	1	0	0%	30/9/2022	30/11/2022	2	
0%	M	Start of training course	1	0	0%	31/10/2022	5/12/2022	1	
0%	D	e-lessons	1	0	0%	30/6/2023	30/6/2023	0	
0%	M	Release of e-learning courses	1	0	0%	30/6/2023	30/6/2023	0	
		TOTALE	7	3					

B.4 Training for Sewage Treatment Plants (STP) operators

B.5 Campaign for cosmetic / outdoor clothing / rubber tyres production.

The participatory process with the companies of the relevant sectors is still ongoing. The contact list of companies, stakeholders and multipliers from the relevant sectors cosmetics, tyre and outdoor industry that has been compiled by April 2020 is continuously complemented during the project. The first-round table of the outdoor-textile industry is planned for 21.10.22. Due to numerous cancellations of the second-round table addressed at the cosmetics industry, it was decided to organize a small exchange meeting on microplastics and the cosmetics industry, instead of a round table (expected date: November 2022).

Dissemination activity is ongoing, and the German partners are attending several meetings, seminars and trade fairs to promote the project and inform industries and companies.

	Starting date ted end date:	31/12/2022							
lated expe	ted end date: Total months:						RESPONSI	BLE PARTNER	: LEGAMBIENTE
								0	Activity delay indicator
280% Progress status	Type (M/D)	Actiivity	Expected amount	Achieved amount	73% % achieved	Expected Deadline	Actual or extimated deadline	0 Variation (months)	Delay Note
100%	D	List of stakeholders and multipliers on regional and national level	1	1	100%	30/4/2020	30/4/2020	0	
100%	D	Fact Sheets on avoidance of Microplastics and alternative solutions for three business sectors	1	1	100%	30/6/2020	31/3/2021	9	The deadline for the Fact Sheets on avoidance of Mirroplastics and alternative solutions is postponed to March 2021, since the procedure to include the companies in a participatory process needs more time. The most advanced companies will be included as best practice example.
100%	D	Small exhibition on microplastics for the target group "companies"	1	1	100%	30/11/2020	31/3/2021	4	The deadline for the small mobile exhibition as to be adapted accordingly since the best practice examp of the factsheets need to be included in the exhibition. Since many events/fairs are implemented in an online format, instead printed roll ups and interactive online information tool has been develoed.
150%		2 meetings with Umbrella organizations of industrial sectors	2	3	100%	03/2020	03/2020	0	3 meeting implemented online: European Outdoor Group (17.12.2020), Tyre and Road Wear Particles Platform/CSR Europe (28.01.2020), ETRMA European Tyre & Rubber Manufacturers' Association and TRWP Platform CSR Europe (14.07.2021), Email contact with 2 further organisations (European Outdoor Conservation Association (since 07.12.2020), The Microfibre Consortium(since 30.11.2020))
80%		Start of 10 bilateral meetings with companies	10	8	80%	03/2020	03/2020	0	8 bilateral meetings implemented (online), 4x outdoor: Bergans (16.11.2020), Didriksons (05.11.2020), Patagonia (15.12.2020), PR Leucht (PR association of Direct Alpine, Zamberian, Ferrino – 13.11.2020); tyre: Continental (14.07.2021) & Pirelli (14.07.2021), 2x plastics/others: Plastics Europe Germany (18.08.2020), Vivoka (09.03.2021);
0%		2 two meetings with national business associations	2	0	20%	03/2020	12/2022	34	Email contact to German Tyre Association (since 17.12.2019). Additional contacts took place on Februar 2022.
0%		2 meetings with Chambers of Commerce	2	0	30%	03/2020	12/2022	34	Have been informed via e mail. Due to Covid19 Pandemic involvement in project has to be postponed. Last contact took place on 7th April 2022
504%		50 European companies informed	50	252	100%	03/2020	03/2020	0	Up to May 2020, 252 companies informed via post mail and e mail (191 water related companies, 9 tyre companies, 30 outdoor companies, 19 cosmetic companies, 3 others)
40%		20 businesses in Germany demonstrate their interest	20	8	35%	03/2020	03/2020	0	8 companies demonstrated interest in collaboration
100%		List of relevant trade fairs and events	1	1	100%	01/2020	01/2020	0	List had been compiled and is regularly updated
80%		Project presentation at 5 Events/Trade Fairs in Germany	5	4	80%	01/2020	01/2020	0	Surfrider conference Lake Constance (LCS, 64.03.2021); Public Lecture on Nature Adventure Days in Readelhich (Lake Constance (GN), 6.10.2021); OUTDOR TESTIVAL outdoor cichnig and activities at Chiemsee (LCF, GNF 23.04.2022); Bodensee CleanUP Days, (LCF 11.05.2022)
75%		Project presentation at 4 events on international scale	4	3	75%	01/2020	01/2020	0	Global Lake Marathon (GNF). European TRWP (tyre and road wear particles) Platform Meeting (29th September 2021) Green Week (May 2022)
100%		Trips for specialized media: First journalist trip	1	1	100%	30/06/2021	25/08/2021	2	
0%		Trips for specialized media: Second journalist trip	1	0	0%	01/07/2022	31/10/2022	4	
		TOTALE	101	283					

B.5 Campaign for cosmetic / outdoor clothing / rubber tyres production companies

B.6 Working Panel.

The process for the establishment of the national working panel including national and regional authorities is regularly proceeding. All the bilateral (3) and plenary (2) meetings expected for the year 2021 were held (see the table below for further details).

The first plenary meeting expected for the year 2022 took place on 19/05/2022 (Permanent Observatory Water Resources), while the second is expected for 14/12/2022. Moreover, the first bilateral meeting for the year 2022 took place on 29/09/2022 involving ACEA ATO (Public Water Service Company), while other 5 bilateral meetings were planned between October and December 2022 involving different stakeholders.

To coordinate and draft the White Lake Paper, an external assistance service was selected in April 2022, and a preliminary roadmap was drafted. A semi-structured interview was prepared and submitted to selected institutional stakeholders to collect contribution for the preparation of the White Lake Paper.

					B.6 WC	orking P	anei		
	Starting date	1/1/2020							
iginal expect	ted end date:	30/9/2023							
lated expect	ted end date:	30/9/2023					RESPONSI	BLE PARTNER	LEGAMBIENTE
	Total months:	45							
								0	Activity delay indicator
48%	ACTION PROG	RESS STATUS			46%			0	Delay
Progress status	Type (M/D)	Actiivity	Expected amount	Achieved amount	% achieved	Expected Deadline	Actual or extimated deadline	Variation (months)	Note
100%	M	Start of Working Panel	1	1	100%	31/1/2020	14/2/2020	0	
100%		Plenary meeting (2020)	2	2	100%	31/12/2020	31/12/2020	0	1st Plenary Meeting: Permanet Observatory Water Resources (18/02/2020); 2nd Plenary Meeting: Permanet Observatory Wat Resources (15/12/2020)
67%		Bilateral meeting (2020)	3	2	67%	31/12/2020	31/12/2020	0	1st Bilateral Meerting: Letter to Italian Ministry of Environment; 2nd Bilateral Meerting: MoU with Po Basin Authority
100%		Plenary meeting (2021)	2	2	100%	31/12/2021	31/12/2021	0	3rd Plenary Meeting: Permanet Observatory Water Resources (21/04/2021); 4th Plenary meeting Permanet Observatory Water Resources (29/11/2021)
100%		Bilateral meeting (2021)	3	3	100%	31/12/2021	31/12/2021	0	3rd Bilateral Meerting with Po Basin Authority (14/05/2021); 4t Bilateral meeting with ACEA ATO2 (20/05/2021); 5th Bilateral meeting with the representatives of the municipality of Capraro The following stakeholders were also present: National Institute of Health, Lazio Region, ARPA Lazio, ASL Roma, (26/08/2021)
50%		Plenary meeting (2022)	2	1	50%	31/12/2022	31/12/2022	0	Sth Plenary Meeting: Permanent Observatory Water Resources (19/05/2022)
3396		Bilateral meeting (2022)	3	1	30%	31/12/2022	31/12/2022	0	6th Bilateral meeting with ACEA ATO 5 on 29.09.22
096		Plenary meeting (2023)	2	0	0%	30/9/2023	30/9/2023	0	
096		Bilateral meeting (2023)	3	0	0%	30/9/2023	30/9/2023	0	
096		Consultation meetings	2	0	096	30/9/2023	30/9/2023	0	
096	D	Lake White Paper	1	0	096	30/6/2023	30/6/2023	0	
O96	M	National Conference	1	0	096	31/7/2023	19/7/2023	0	
		TOTALE	25	12					

B.6 Working Panel

B.7 International advocacy and capacity building on micro plastics in fresh water.

The action is regularly ongoing. During the reporting period, the 2nd capacity building workshop was held online ("Microplastics in Lakes – Impacts and Approaches to Solutions", 3rd May 2022). Moreover, the partner event to present the LIFE Blue Lakes Project at EU Green Week 2022 was held online on 30 May.

Advocacy campaigns are regularly in progress and several associations, NGOs and public administrations were contacted, informed and have been provided with information material elaborated in the LIFE Blue Lakes Project. Moreover, contact was established to the Center for International Environmental Law (CIEL), as well as to the German Federal Environment Agency, Plastics and Packaging Division. The German partners also supported a joint statement of more than 20 German NGOs on the public participation on the report on the review and update of the Marine Strategy Framework Directive. Moreover, they signed the Global Call to Action for a legally binding plastics treaty to the UN Member States (UNEA).

	Starting date	1/1/2020							
ginal expe	cted end date:	31/12/2022							
lated expe	cted end date:	31/12/2022					RESPONSI	BLE PARTNER:	LEGAMBIENTE
	Total months:	36							
								0	Activity delay indicator
100%	ACTION PROG	RESS STATUS			80%			0	Delay
Progress status	Type (M/D)	Actiivity	Expected amount	Achieved amount	% achieved	Expected Deadline	Actual or extimated deadline	Variation (months)	Note
100%		Fact Sheet (12-16 pages) microplastics for capacity building of NGOs	1	1	100%	31/12/2020	31/5/2021	5	The information and best practice examples of the factsheets developed in a participatory process together with the companies of the tyre, outdoor and cosmetic industry need to be included in the factsheet for NGOs. The schedule ha to be adapted accordingly.
100%		First webinar on microplastics for LLEP and LL members	1	1	100%	30/06/2021	01/07/2021	0	
200%	M	Capacity Building workshop	1	2	100%	31/3/2022	1/7/2021	-9	
0%		Second webinar on microplastics for LLEP and LL members (Webinars realized)	1	0	0%	30/9/2022	13/1/2023	4	
100%		Side event/round table/stand on the Green Week Brussels in May 2022	1	1	100%	31/5/2022	30/5/2022	0	
		TOTALE	3	3					

B.7 International advocacy and capacity building on micro plastics in fresh water systems

C.1 Monitoring of project impact

The project impact monitoring action has started in time and is proceeding on schedule with the collection of data needed for the Ex Post Survey. Anyway, no updates are available for this activity during the reporting period since, according to the project proposal, the Ex Post Survey will start on September 2023.

	Starting date	1/4/2020							
ginal expe	cted end date:	30/9/2023							
ated expe	cted end date:	30/9/2023					RESPONSI	BLE PARTNER	LEGAMBIENTE
	Total months:	42							
								0	Activity delay indicator
110%	ACTION PROG	RESS STATUS			51%			0	Delay
Progress status	Type (M/D)	Actiivity	Expected amount	Achieved amount	% achieved	Expected Deadline	Actual or extimated deadline	Variation (months)	Note
100%		Establishement of Project Impact working group	1	1	100%	30/4/2020	31/5/2020	1	
100%	D	Project Impact Ex ante Report	1	1	100%	30/9/2020	24/3/2021	6	The Project Impact Ex ante Report has been postponed to November 2020, instead of September 2020, due to COVID-19 emergency.
100%		Start of Preliminary survey on monitoring methodology adopted by ARPAs (action B.2)	1	1	100%	31/8/2020	28/9/2020	1	
100%		Start of Preliminary survey on Treatment Plants methods to prevent microplastic (action B.3)	1	1	100%	30/9/2020	30/9/2020	0	
40%		Lake Paper adoption by 20 Municipalities (action B.1)	20	8	10%	30/9/2023	30/9/2023	0	
131%		100 Questionaires for students (action D.2)	100	131	100%	31/1/2022	31/5/2022	4	
0%		Start of survey on the adoption of the monitoring protocol by ARPAs (action B.2)	1	0	096	30/6/2023	30/6/2023	0	
0%		Start of survey on adoption of the technical protocol to prevent microplastic by Treatment Plants (action B.3)	1	0	0%	30/6/2023	30/6/2023	0	
0%		MoU signed by companies (action B.5)	3	0	096	31/8/2023	31/8/2023	0	
0%	D	Project Impact Ex post Report	1	0	0%	30/9/2023	30/9/2023	0	
	-	TOTALE	130	143					

C.1 Monitoring of project impact

C.2 Socio economic impact.

The ex-ante survey on the project's socio-economic impact was concluded, and the ex-post survey is expected to start in October 2022. Therefore, no updates are available for this action during the reporting period.

		C.2 S	ocio e	conom	ic impa	ct			
	Starting date	1/10/2019							
iginal expe	cted end date:	30/9/2023							
	cted end date:						RESPONSI	BLE PARTNER	LEGAMBIENTE
	Total months:	48							
								0	Activity delay indicator
33%	ACTION PROG	RESS STATUS			76%			0	Delay
Progress status	Type (M/D)	Actiivity	Expected amount	Achieved amount	% achieved	Expected Deadline	Actual or extimated deadline	Variation (months)	Note
100%	м	Start ex ante evaluation	1	1	100%	1/2/2020	12/5/2020	3	The start of the ex ante evaluation was delayed due t problems related to the Covid-19 pandemic
100%		Design of interview to key stakeholders	1	1	100%	31/5/2020	15/7/2020	2	
100%		Design of structured questionnaire	1	1	100%	30/6/2020	31/10/2020	4	
90%		Interviews	20	18	90%	31/7/2020	31/7/2020	0	
115%		Questrionnaires	300	345	115%	30/9/2020	31/12/2020	3	
100%	D	Ex ante report	1	1	100%	30/9/2020	31/3/2021	6	
0%	M	Start ex post evaluation	1	0	096	31/10/2022	31/10/2022	0	
096	D	Ex post report	1	0	096	1/9/2023	1/9/2023	0	
		TOTALE	3	1					

D.1 Project branding and communication activities.

The project communication activity is in progress. News and posts are regularly added in the project social channels and the website is regularly updated. Numerous press releases and articles were released and the project LIFE Blue Lakes was presented at several national and international events.

The project brochure was delivered in November 2021 and printed in December 2021. The second project's video was launched on June 5, on occasion of the World Environment Day. The press tour was held at Pediluco Lake on 12/07/2022.

	Starting date								
	cted end date: cted end date:						PECOONE		LEGAMBIENTE
ateu expe	Total months:						RESPONSI	BLE PARTNER:	LEGRIVIBIENTE
	iotal months.								
								0	Activity delay indicator
110%	ACTION PROG	RESS STATUS			84%			0	Delay
Progress status	Type (M/D)	Actiivity	Expected amount	Achieved amount	% achieved	Expected Deadline	Actual or extimated deadline	Variation (months)	Note
100%		Branding box	1	1	100%	31/3/2020	15/2/2020	-2	
100%	D	Information board (Layout)	1	1	100%	31/3/2020	31/3/2020	0	-
100%		Printed Information board (7)	7	7	100%	31/3/2020	31/8/2020	5	
100%	D	Roll-up (Layout)	1	1	100%	31/3/2020	15/4/2020	1	The layout of the Roll up needed 1 month more than expected to be finalized due to technical issues.
100%		Printed Roll-up (7 x 2)	14	14	100%	31/3/2020	31/8/2020	5	
100%	D	Press kit (100)	1	1	100%	31/3/2020	15/5/2020	2	The production of the Press kit needed 2 months more than expected to be finalized due to technical issues.
100%	D	Depliant (Layout)	1	1	100%	31/3/2020	15/4/2020	1	The layout of the Depliant needed 1 month more than expected to be finalized due to technical issues.
100%	M	Website Released	1	1	100%	31/3/2020	31/3/2020	0	
100%		Social profiles and Youtube channels	1	1	100%	31/3/2020	31/5/2020	2	The launch of the project social profiles needed 2 monthe more than expected due t technical issues.
100%	м	Initial Press Conference	1	1	100%	31/3/2020	3/7/2020	3	The Covid-19 outbreak forced us to postpon the organization of the initial Press Conferen
100%	D	Gadget (6.000)	1	1	100%	30/6/2020	30/9/2020	3	SHOPPERS: 300; FLAGS: 7 IT, 9 EN, 4 DE (TOT
50%	D	2 Video clip	2	1	50%	30/6/2020	31/01/2021	7	
100%	D	Brochure (layout)	1	1	100%	30/6/2020	20/12/2021	18	New deadline (modified in the EAP) because technical considerations regarding the contents of the brochure.
100%	M	Press tour	1	1	100%	30/6/2022	12/7/2022	0	
0%	D	Layman's Report (1.000)	1	0	096	31/7/2023	31/7/2023	0	
0%	M	Final Press Conference	1	0	096	30/9/2023	30/9/2023	0	
100%		Participation to 6 national /international events	6	13	100%	30/9/2023	30/9/2023	0	
		TOTALE	42	46					

D.1 Project branding and communication activities

D.2 Awareness campaign.

During the reporting period, the activities addressed to tourists, citizens and students were carried out in Italy without difficulties. The 3rd edition of the Lake Day saw the realization of 13 events in Bracciano, Garda and Trasimeno as well as in 10 additional Italian lakes in July 2021. The 1st edition of the Lake Theatre (performance "Monday") occurred on 28-29-30/10/2021 at *Spazio Rossellini Festival* in Rome. The Edu kit was concluded and distributed in the Italian schools interested in the educational activities (30 schools) in October 2021. The first edition of the contest addressed to students positively concluded in May 2022 and the winners were identified by a specifi jury and rewarded during three separate award ceremonies which took place respectively in Garda, Bracciano and Trasimeno Lakes (May 19 and 20). The preparatory activities related to the launch of the second edition of the school contest have already started. In Germany interactive information stands at popular events and festivities around the two Lakes Constance and Chiemsee are regularly proceeding. A sailing challenge was organized in April 2022 on Lake Constance to raise awareness about the problem of microplastics and on the Blue Lakes project.

D.2 Awareness campaign

	ted end date: Total months:						incor on on	ore mannen	LEGAMBIENTE
	Total months:	27							
								0	Activity delay indicator
62%	ACTION PROG	RESS STATUS			78%			0	Delay
Progress status	Type (M/D)	Actiivity	Expected amount	Achieved amount	% achieved	Expected Deadline	Actual or extimated deadline	Variation (months)	Note
100%	D	1st Script	1	1	100%	30/4/2020	30/4/2020	0	
100%		List of suitable festivities at the German lakes	1	1	100%	30/6/2020	30/6/2020	0	
100%	м	1st Lake Show edition (Trento and Rome)	1	1	100%	31/7/2020	17/07/2021	12	17 Luglio 2021 al teatro Don Bosco durante il Pergine Festival 2021 a Trento
100%	D	2st Script	1	1	100%	30/4/2021	30/4/2021	0	
100%	м	2nd Lake Show edition	1	1	100%	31/7/2021	28/10/2021	3	28-30 Ottobre 2021: 3 replich presso ATCL Spazio Rosselini Roma
100%	D	Educational Kit	1	1	100%	31/7/2021	30/9/2021	2	
100%	м	1st edition Lakes Day	1	1	100%	31/8/2021	10/7/2021	-2	10th July:Garda; 15th Trasimeno; 22th Bracciano
100%		Edu-kit distribution (November 2021 – January 2022)	1	1	100%	31/1/2022	31/1/2022	0	
100%		1st education path	1	1	100%	30/9/2021	30/9/2021	0	36 Italian schools involved
100%		1st Contest edition	1	1	100%	31/5/2022	31/5/2022	0	
100%		2nd edition Lakes Day	1	1	100%	31/8/2022	1/7/2022	-2	
096		2nd education path	1	0	40%	30/9/2022	30/9/2022	0	
096		2nd Contest edition	1	0	096	31/5/2023	31/5/2023	0	
33%		Information stand at 6 festivities at the German lakes	6	2	33%	30/6/2023	30/6/2023	0	First event under preparation "17 Goals for Constance" (17 July 2021) – Blue Lakes Info Stand will be included for SDI 14 "Life Below Water".
0%	M	Launch of Road Show (Save our Lakes)	1	0	096	31/7/2023	31/7/2023	0	
096		3nd edition Lakes Day	1	0	096	31/8/2023	31/8/2023	0	
		TOTALE	21	13					

D.3 Networking and replicability.

The activity is regularly ongoing. During the reporting period, the project's beneficiaries have participated in the Water Protection Forum with German environmental sorganisations and at the meeting organized by the MITE (*"Economia circolare: dallo spreco all'efficienza"*) involving the representatives of different projects. Networking activity was carried on with Tetide and Società Speleologica Italiana for MPs sampling in groundwater and with ARPA Piemonte for MPs sampling in Orta lake.

	Starting date	1/4/2020							
iginal expect	ted end date:	30/6/2023							
dated exped	ted end date:	30/6/2023					RESPONSI	BLE PARTNER	LEGAMBIENTE
	Total months:	39							
								0	Activity delay indicator
75%	ACTION PROG	RESS STATUS			6196			0	Delay
Progress status	Type (M/D)	Actiivity	Expected amount	Achieved amount	% achieved	Expected Deadline	Actual or extimated deadline	Variation (months)	Note
100%	M	Start of networking	1	1	100%	30/4/2020	30/4/2020	0	
100%		Identification of 20 relevant Life Projects	1	1	100%	30/4/2020	30/4/2020	0	34 Life and non-Life projects identified
100%		Selection of 10 Life projects	1	1	100%	30/6/2020	31/8/2020	2	
100%		Preliminary email contacts with 5 LIFE Projects	1	1	100%	30/9/2020	31/7/2020	-2	
100%		Bilateral meetings	1	1	100%				May 2020 H2020 LIMNOPLAST (GNF); June 2020 LIFE RII and LIFE RINASCE (LEGAMB); 06.07.2020 TextileMission (GNF); 20.07.2020 RAU (GNF); 22.07.2020 International Waste Platform (GNF); 09.10.2020 LIFE VisP O an ZERO PLASTICA IN MARE (LEGAMB); 19.10.2020 ConCirMy (GNF); 22.12.21 e 27.01.2021 LIFE MERMAIDS and AQUAFILI (LEGAMB, ENEA, UNIVPM); 26.03.2021 Stop the ALPs becoming Plastic Mountains (LEGAMB); 24.03.21 CLEANDANUBE (GNF); 12.04.2021 LIFE IP IMAGINE (LEGAMB)
133%		Participation in 3 international events	3	4	100%	30/9/2021	30/9/2021	0	Textile Mission (17/03/2021); H2020 BlueMed (09/10/2020); INTERREG NETWAp (09/07/2021); LIFE VISPO (24/09/2021)
096		Setting of the International workshop and preliminary contacts (Replicability)	1	0	096	30/10/2022	30/10/2022	0	
096		Study visits	1	0	096	30/9/2023	30/9/2023	0	
096	D	Transfer and Replication Plan	1	0	5%	30/9/2022	30/9/2022	0	
096	M	International workshop (Replicability)	1	0	096	31/5/2023	31/5/2023	0	
		TOTALE	12	9					

D.3 Networking and replicability

E.1 Project management.

Project management has started at the very beginning of the project and is proceeding without difficulties. During the reporting period, one Steering Committee meeting (17/02/2022) and three Executive Committee meetings (14/02/2021, 17/2/2022, 12/05/2022) were held. The second monitoring visit was held in presence on 30 June 2021 (technical and financial meeting) and 1st July 2021 (field survey). The Mid Term Report was concluded at the end of September 2021.

	cted end date: Total months:						RESPONSI	BLE PARTNER:	LEGAMBIENTE
								0	Activity delay indicator
60%	ACTION PROG	RESS STATUS			67%			0	Delay
Progress status	Type (M/D)	Actiivity	Expected amount	Achieved amount	% achieved	Expected Deadline	Actual or extimated deadline	Variation (months)	Note
100%	M	Kick off meeting	1	1	100%	30/11/2019	26/11/2019	0	
100%	M	Establishment of the Steering Committee	1	1	100%	30/11/2019	26/11/2019	0	
100%	M	Establishment of the Executive Committee	1	1	100%	30/11/2019	26/11/2019	0	
100%	D	Partnership agreement	1	1	100%	31/12/2019	31/12/2019	0	
100%		Steering Committe meetings (2020)	2	2	100%	n.a	13/5/2020 - 08/10/2020		
100%		Executive Committe meetings (2020)	2	2	100%	n.a	13/5/2020 - 08/10/2020		
100%		Progress report	1	1	100%	n.a	31/10/2020		
100%		Steering Committe meetings (2021)	2	2	100%	n.a	18/2/2021 - 17/05/2021 - 14/10/2021		
75%		Executive Committe meetings (2021)	4	з	75%	n.a	18/2/2021 - 17/05/2021 - 14/10/2021		
100%	D	Midterm report	1	1	100%	30/9/2021	30/9/2021	0	
50%		Steering Committe meetings (2022)	2	1	50%	n.a	17/2/2022		
50%		Executive Committe meetings (2022)	4	2	50%	n.a	17/2/2022 - 12/05/2022		
096		Steering Committe meetings (2023)	2	0	0%	n.a		0	
0%		Executive Committe Meetings (2023)	4	0	0%	n.a		0	
0%	D	After-Life Communication Plan	1	0	096	30/9/2023		0	
096	D	Final Report	1	0	096	31/12/2023		0	
								0	
		TOTALE	30	18					

E.1 Project management

E.2 Monitoring of the project progress and KPI

Periodic monitoring of project activities has started and continues a constant and regular basis through the production of monthly and annual reports. As regards administrative issues, the trend of expenditure is proceeding regularly for both private and public beneficiaries.

	Starting date	1/10/2019							
riginal expected end date: 30/9/2023									
dated expected end date: 30/9/2023							RESPONSI	LEGAMBIENTE	
	Total months:	48							
								0	Activity delay indicator
50%	ACTION PROG	RESS STATUS			70%			0	Delay
Progress status	Type (M/D)	Actiivity	Expected amount	Achieved amount	% achieved	Expected Deadline	Actual or extimated deadline	Variation (months)	Note
100%	D	I° Annual monitoring report	1	1	100%	31/10/2020	31/10/2020	0	
100%	D	II° Annual monitoring report	1	1	100%	31/10/2021	31/10/2021	0	
0%	D	III ^e Annual monitoring report	1	0	80%	31/10/2022	31/10/2022	0	
	D	Final Annual monitoring report	1	0	0%	30/9/2023	30/9/2023	0	
096									