www.lifebluelakes.eu / info@lifebluelakes.eu

THE LAKE PAPER

RECCOMMENDATIONS FOR COMMUNITIES IN ITALY AND GERMANY

EU GREEN WEEK, 30th of May 2022

Chiara Braschi, LEGAMBIENTE



BENEFICIARIO COORDINATORE







BENEFICIARI ASSOCIATI













PROGETTO COFINANZIATO DA

EU Life Blue Lakes – Project areas in Italy



Activities in Italy are implemented at

• Lake Garda

370 km², located between three regions (Trentino Alto Adige, Veneto and Lombardia). Tourism

Lake Trasimeno

128 km², Umbria. Nature conservation area, tourism

Lake Bracciano

56.5 km², Lazio. Drinking water reservoir, nature conservation area, tourism



EU Life Blue Lakes – Project areas in Germany





Activities in Germany are implemented at

Lake Constance

536 km², international border between Germany, Switzerland, and Austria

Drinking water reservoir, high standards for water treatment

Nature conservation area, tourism

Lake Chiemsee

79.9 km², Bavaria Nature conservation area, tourism

THE LAKE PAPER





WHAT: is a voluntary management tool for the protection of lakes from microplastics, to be adopted by local authorities and by the communities (i.e associations/citizens/tourism services) living around the lake. It proposes measures to prevent MPs presence in lake and how citizens/PA can be made aware of and informed about the problem;

WHY: To improve the quality of life in lake communities;

WHERE: The Lake Paper is a "Lake-specific" Paper, that is to say that 5 different Lake Papers were drafted for the 5 lakes in the study area. www.lifebluelakes.eu

LAKE PAPER: 4 STRATEGIC AREAS \rightarrow 4 **GROUPS OF ACTIONS**



1. #UC: UNION and COORDINATION → the Lake Paper as a strategic tool for collaboration and synergy between different stakeholders;

- LIFE Blue Lakes-Lake Paper - Recommendations for action for

PlasticsEurope isf

2. #AK: AWARENESS and KNOWLEDGE \rightarrow the Lake NO MICROPLASTICS, JUST WAVES. Paper as an information and prevention tool to improve the knowledge on MPs;

4. #PS: PARADIGM SHIFT → the Lake Paper to support the paradigm shift in plastic utilization.



w.lifebluelakes.eu / info@lifebluelakes.eu

THE «5R» PRINCIPLE TO WASTE AVOIDANCE



Description and handling of the matrix

The matrix (see appendix) is intended as an effective implementation aid for reducing and avoiding the causes of plastic waste and microplastics. However, it is not a binding part of the voluntary commitment.

www.lifebluelakes.eu

The 5 R principle for waste avoidance:

Rethink - means re-evaluating and assessing waste generation. It calls for finding new ways (not other materials as an alternative!) to avoid waste.

Refuse - means regulatory interventions to avoid waste

Reduce - means to reduce used, unavoidable materials

Reuse - means achieving the highest possible recycling rate, e.g. via deposit systems.

Recyle - means to recycle collected waste and the raw materials from it.

The goal is the careful use of resources through responsible production, consumption, reuse and recovery of products, packaging and materials.

The 5R principle was chosen for the matrix because it can be incorporated into the sustainability strategies of municipalities and is also transferable to the range of tasks of municipal companies, such as waste management companies and technical companies, as well as to municipal administrations.

The matrix is a comprehensive list with a selection of possible individual measures that contribute to the reduction of waste in general and the avoidance of microplastics in particular. It is subdivided into different areas of everyday communal life. In each area, individual measures are described as proposals for action, as well as the respective assignment to the 5 R principle. In another column, the areas of impact are named. These are:

- Public relations
- Technical measures required
- Legal, municipal requirement
- Conceptual approach
- Setting a good example

The effects can unfold over different periods of time. Various measures can be publicly accompanied and thus contribute to raising awareness among citizens.

The columns "prioritisation", "in planning" and "implementation not possible" support the staff in the municipalities and serve as orientation and justification aids towards municipal councils and mayor's offices.

- RETHINK → re-evaluating and assessing waste generation. It calls for finding new ways (not other materials as an alternative!) to avoid waste;
- REFUSE→ regulatory interventions to avoid waste;
- **REDUCE** \rightarrow to reduce used plastic materials;
- REUSE

 achieving the highest possible recycling rate, e.g. via deposit systems;
- **RECYCLE** \rightarrow to recycle collected waste.



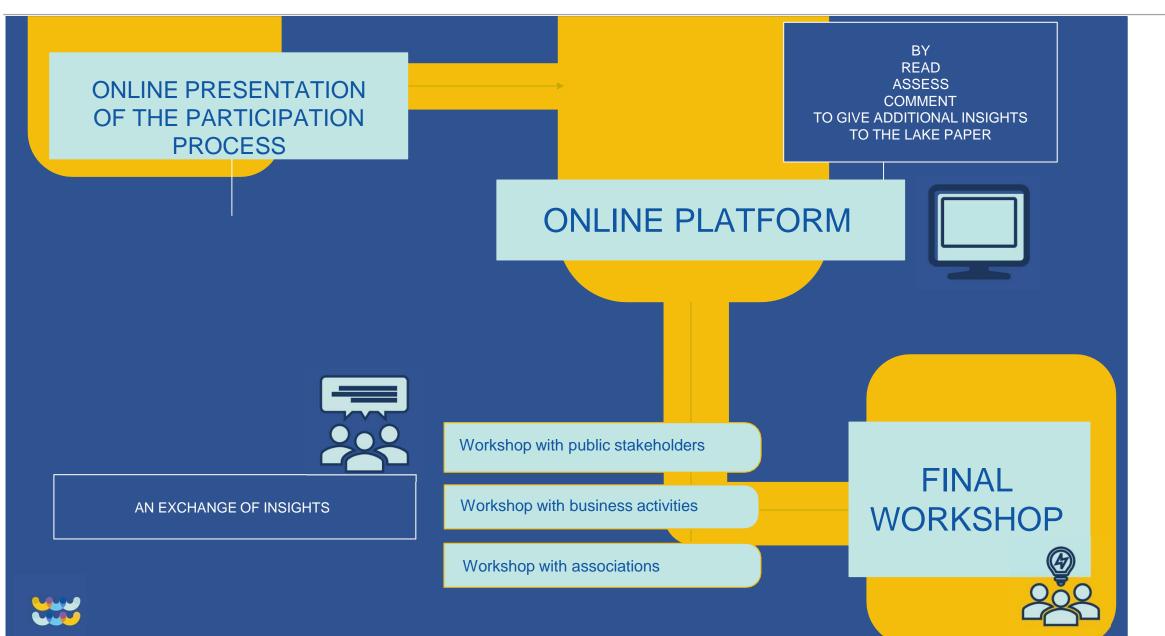
THE PARTICIPATORY PROCESS



The 5 LAKE PAPERS for the Italian and German Lakes were drafted through a **participatory process** involving different stakeholders (i.e: public administrations, companies/tourism, associations).



Participatory Process in Italy



EXPECTED RESULTS





CARTA DEL LAGO DI GARDA

Inquadramento: le mioroplastione nei laghi

Ilagé imprenentatio una industria tancia inclusión de la cuesta de la cuesta de la cuesta de vivence el cuesta de quanda de la cuesta invalui de janticas sono un inclusariar engli ambienti de la tubi il monta. A cuesa della sua caratteristicha, la piastíca si decomporta d'ilicitariaria e qui de persana enflicationi en la cupi. La fotti di depreside de la futti piastíca si compositica, ma posiziono essere incondide principialmente al comportamento umano, consequeido omano.

Capacitize de condition arciental e netenerologite stres i mainrais e antranente toma detti di pastas di una vata genera di deneraria, di antero al inconsto. La microgitaticha, costa particela di plastica di dimensione leferiore al 5 millionti, sono sengre più presenti negli eccatiani matri e ternetti. Si tratta di un lossimanento di dificio a antificazione a inconsolta di universito interimente.

Subside filed of making particles are regaring of mitherial material fields on 1 haves of decorporate in the dense microparticles. The interpretation dense on the decorporation of filed depend in effectives in position on one anche aux diverse argins, contep or exception da pre-productions instantials readed (file tread) and the instantial of advances in the context of comparison data for present angle instantial context of the standard data for the standard data and the standard data and advances in the standard data and the standard data and the standard data and advances in the standard data and the standard data and the standard data and advances in the standard data and the standard data and the standard data and the advances in the standard data and the standard data and the standard data and the advances in the standard data and the standard data and the standard data and the advances in the standard data and the standard data and the standard data and the advances in the standard data and the standard data and the standard data and the advances in the standard data and the standard data and the standard data and the standard data and the advances in the standard data and the advances in the standard data and the standard data

.s conseguenze dell'inquinemento da micropiastiche, delle nanopiastiche (frammenti ancora più ridotti) e degli agenti pastogeni che landono a prodiferare in quasta condizioni, determinano impatti sulla biodiversità, adformantia a sulla valta della encolatoria de dell'arconomia.

Is, week per la acquir martis quadi affati accio substati di devari anci, per la acqui hismo gli stati accio con la hadia. Cagli accio substati con la distati di devari anci, per la coqui hismo gli stati accio manzi di quadi problema. Tempottati dal con di cega a degli cantito li guine una esti manzi di quadi problema. Tempottati dal con di cega a degli cantito li guine, in morro la minophaticati marcia canteratoria daria in la ligiti, diffatto dal una more a pertatoria intencio per quadi fagili accidenti miciolari, di su pottatoro manzo più senabili a quanto problema, in quanto incepati di far dipertere dicemente la parteciata.

la some sensibilizzazione dei cittadino. Per questo è necessario agite per prevenire e miglionare la gestione dei rifuti, non solo nei comuni dei bacino lacuate, ma anche nell'entrotema.

*High Lagenders 201 Agentificação da regarilaria bitera bitegarilaria da Salada en Lagendaria estada



EXPECTED RESULTS

Lake Papers adopted by 12 Italian and 3 German municipalities of the 5 targeted lakes



Lake Papers to be promoted to at least ADDITIONAL 50 Italian and German municipalities and adopted by 25 of them



CONCLUSIONS

ADDED VALUES OF THE LAKE PAPER:

 VOLUNTARY TOOL → NO MANDATORY «RULES»;
 LAKE SPECIFIC DOCUMENT THAT CAN BE REPLICATED IN OTHER LAKES/COUNTRIES;
 DIRECT INVOLVEMENT OF STAKEHOLDERS IN DRAFTING THE LAKE PAPER → INCREASE ITS APPLICABILITY/EFFECTIVENESS
 THE LAKE PAPER PROMOTES A CAREFUL USE OF RESOURCES THROUGH RESPONSIBLE PRODUCTION, CONSUMPTION, REUSE AND RECOVERY/PACKAGING OF PRODUCT → INCREASE THE SUSTAINABILITY







www.lifebluelakes.eu / info@lifebluelakes.eu



Thank you for the attention!

BENEFICIARIO COORDINATORE





BENEFICIARI ASSOCIATI













PROGETTO COFINANZIATO DA