



NO MICROPLASTICS JUST WAVES

How to avoid or reduce microplastics in lakes



BENEFICIARIO COORDINATORE



BENEFICIARI ASSOCIATI



UNIVERSITÀ
POLITECNICA
DELLE MARCHE

PROGETTO COFINANZIATO DA





Climate change

- Threatens lakes and wetlands
- Irreversible changes for habitats and ecosystems
- Accelerating effects of overuse, overexploitation, degradation and pollution

Plastic production

- By 2050 greenhouse gas emissions associated with plastic production, use and disposal would account for 15 % of allowed emissions, under the goal of limiting global warming to 1.5°C (34.7°F).
- Some 11 million tonnes of plastic waste flow annually into oceans. This may triple by 2040.
- Nature loss and pollution.

„End Plastic Pollution“

- Historic resolution at the UN Environment Assembly (UNEA-5) in March 2022
 - recognizing that plastic pollution includes microplastics
- Intergovernmental Negotiating Committee to develop an international legally binding instrument on plastic pollution 28 November - 2 December 2022, Punta del Este, Uruguay



Primary microplastics are industrially produced in the form of granulates and pellets and deliberately added to products for a specific purpose.



Secondary microplastics are the result of chemical and physical ageing and degradation processes of plastic products or tyre wear particles and microfibres from synthetic clothing.

Objectives, target groups and measures

The Lake Paper – work with municipalities

- Describes the causes of microplastic pollution and correlations between plastic and microplastic
- Proposes measures to prevent microplastics
- Recommendations for action for municipalities
- Raise awareness and inform citizens



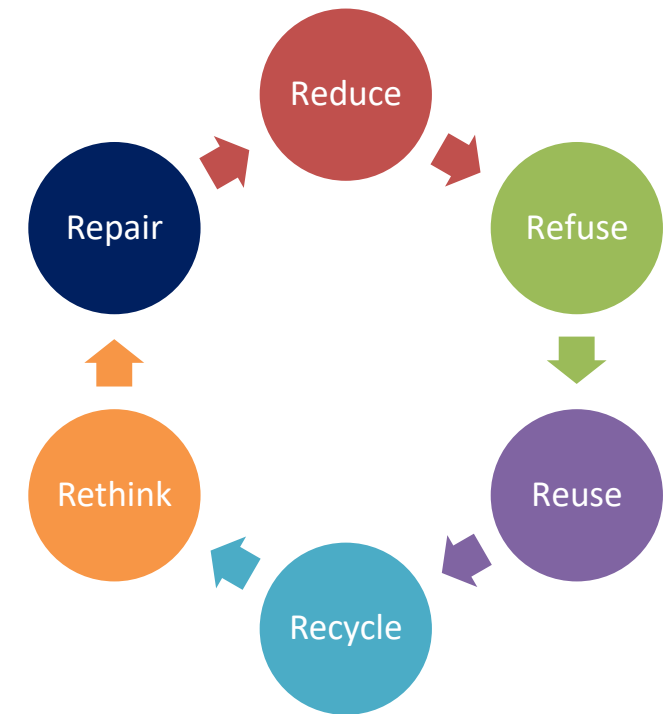
Objectives, target groups, measures

Neighbouring communities

- “Lake Paper” develops with monitoring procedures and technical solutions to protect the water bodies from plastic and microplastics.

Self-commitment to be proactive!

- 6 R - Categories of proposed actions:
Reduce, Refuse, Reuse, Recycle, Rethink, Repair.
- Addressing different target groups within a municipality.
- Measures that municipalities can take to prevent plastic waste.



Kategorien	Kommune/ Maßnahmen	Reduce	Refuse	Reuse	Recycle	Rethink	Repair
Plastikfreier Wochenmarkt	München Oktoberfest	●	●	●			
Plastikfreie Stadt	Tübingen	●	●	●			
Unternehmen	UmweltPartnerschaft Hamburg	●			●		
Veranstaltungen	Tübingen	●		●			
Sport	TSG Rohrbach (Heidelberg): Der plastikfreie Sportverein	●		●			
Umweltbildung/ Bürger-Information	Bildungseinrichtungen/ Schule Überlingen					●	
Landwirtschaft	Agrarfolien (Erntekunststoffe Recycling Deutschland), Bad Homburg				●		

Objectives, target groups, measures

Awareness-raising campaign and education

- Raising awareness of the public (residents, tourists).
- Information on microplastics and tips how to reduce (micro)plastic waste in everyday life.
- Continuous consulting offer
- Interactive information tool
- Education program for schools



Objectives, target groups and measures

Policy decision making process

- Improve existing legal framework in an international context.
- Develop new legislative initiatives at national and European level in a **lake white paper**.

Business sector

- Dialogue and involvement of companies from the **cosmetics, outdoor and tyre industries**.
- Factsheets on avoidance of microplastics and alternative solutions.
- Involvement of agricultural sector.



Contact

Dimitri Vedel

Lake Constance Foundation (Bodensee-Stiftung)

Fritz-Reichle-Ring 4, 78315 Radolfzell, Germany

+49 (0)7732-9995-47

+49 (0)176 70059892

dimitri.vedel@bodensee-stiftung.org

www.bodensee-stiftung.org

Blue Lakes

<https://lifebluelakes.eu/de/>

[Facebook](#)