



**WASSER
3.0**

STRONG THROUGH WATER

**MICROPLASTIC DETECTIVES – STRENGTHENING YOUNG
MINDS THROUGH WATER**

Detect microplastics. Build resilience. Join the movement.

A project of Wasser 3.0 gGmbH



STRONG THROUGH WATER

begins where climate anxiety arises – and transforms it into constructive action. Students become Citizen Scientists:

- They research microplastics in waters in their region.
- They experience nature, movement, and community.
- They develop resilience against fears about the future.

75% of young people find their future frightening.

Hickman et al., 2021, Lancet Planetary Health.

"What can I even do?"
becomes: "I make a difference."



AND WHY NOW?

Quiet burdens need clear answers.

Climate anxiety, eco-anxiety, and worries about the future are no longer fringe phenomena – they shape the outlook of an entire generation.

At the same time, microplastics burden the climate, biodiversity, and health. Yet the actual extent is barely researched. Comparative data from regional waters is almost entirely missing.

And there is a lack of programs that combine environmental education with mental health promotion. The question "What can I even do?" remains unanswered.

We're changing that!



SCIENCE WITH IMPACT

We are the team of Wasser 3.0, a non-profit organization from Karlsruhe. Together we developed an analytical method that detects microplastics in water quickly, easily, and reliably.

We have already used this procedure successfully over 1,000 times in wastewater and water analysis – validated, practical, and suitable for schools.



THE 9-PILLAR MODEL

Holistic. Scientific. Effective.

STRONG THROUGH WATER is more than a research project.
Nine dimensions of impact work together:

- 1 - Mental Health - Resilience instead of helplessness
- 2 - Movement & Water - Learning with all senses
- 3 - Nature Experience - Connection instead of distance
- 4 - Microplastic Mapping - real data from the home region
- 5 - Present & Future - Acting instead of hoping
- 6 - Health Education - Knowledge that strengthens
- 7 - Diversity & Inclusion - every voice counts
- 8 - Nutrition & Well-being - Water as the foundation of life
- 9 - Digital World - Sharing data, making impact visible



"Before, I thought I
couldn't do anything.
Now I know: **yes, I can.**"

Mara, 13, participant Water Day 2025



THE FOUNDATION IS LAID

- 120** Students became **Citizen Scientists**
- 4** Teachers became **multipliers**
- 80+** Water samples were analyzed. The data flows into the **Global Map of Microplastics.**

Visible to all. Accessible to everyone. Effective on the ground.

WHAT WE ACHIEVE TOGETHER

Each year we plan:

- **4 Water Days** with 25–30 students each (100–120 participants/year)
- **4 integrated** resilience workshops
- **40+ microplastic samples** for the Global Map of Microplastics at regional waters
- **8+ new teachers** as multipliers



BECOME A PARTNER IN OUR MISSION

THREE WAYS. ONE IMPACT.

Make it possible

You enable children and young people to take water samples from regional waters in a standardized way and have them scientifically analyzed.

Encourage

You give students real research experience outside the classroom – and witness how data becomes values, and values become action.

Multiply

Every student becomes part of the solution. Every data point counts. Together we strengthen the next generation – for waters without microplastics.





YOUR CONTRIBUTION MAKES A DIFFERENCE

Three ways to support the program.

7,500 €

Water Day Sponsor: a research day for one class

12,000 €/year

School Partner: one school year for one school

30,000 €/year

Main Partner: a program for an entire region

Would you like to support us another way?

Talk to us – together we'll find the right path.



WATER CONNECTS. SO DO PEOPLE.

Climate anxiety can't be talked away – but children can grow strong. Let's talk – personally, honestly, solution-oriented. Or support us directly – every donation flows 100% into impact.



**WASSER
3.0**



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