

Challenges and pressures due to microplastics in the Danube watershed

Gábor Bordós

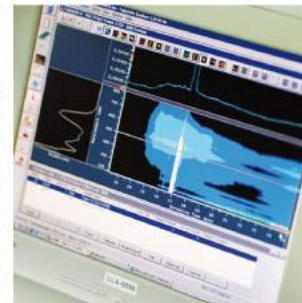
Projekt manager

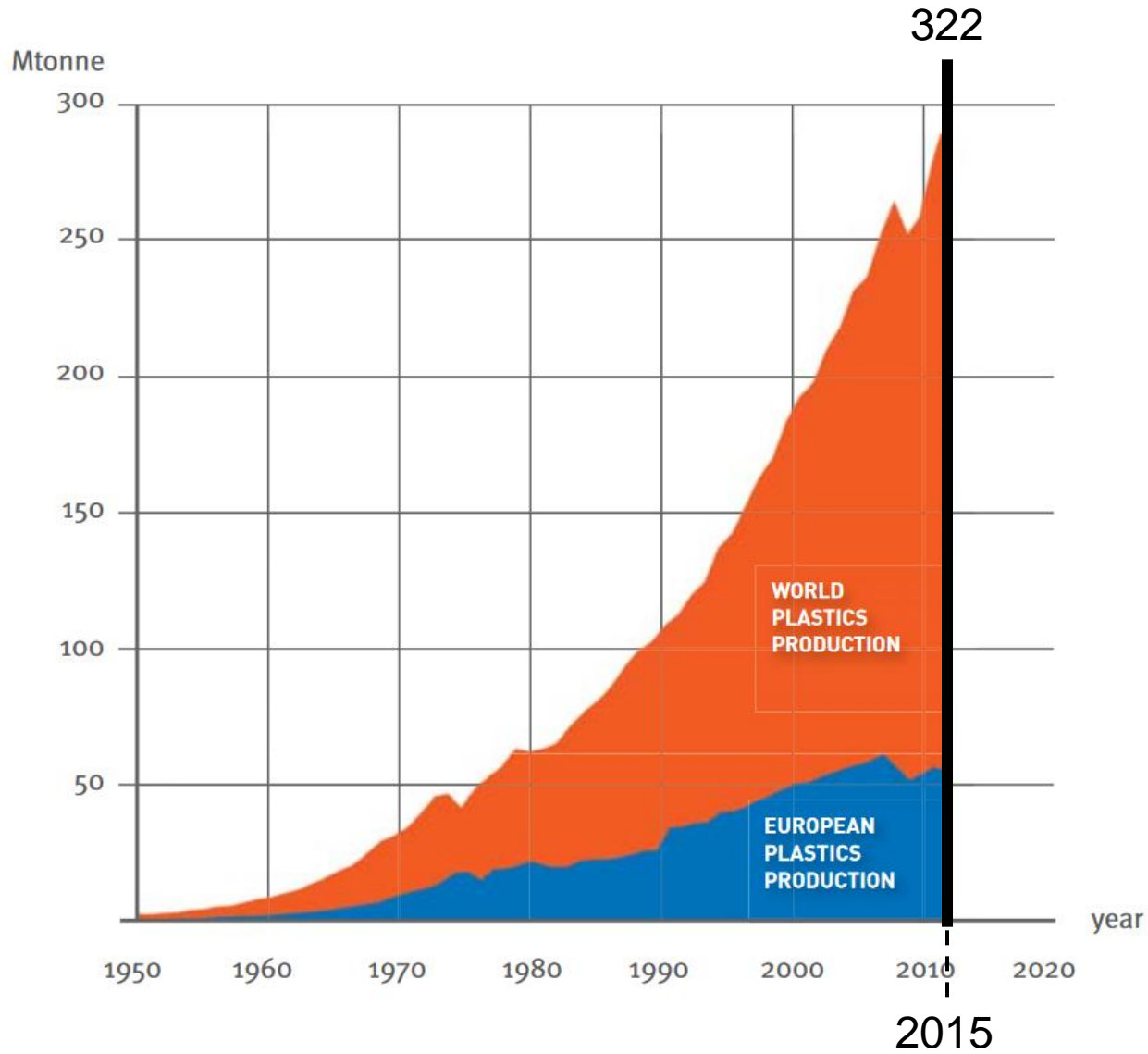
ANALYSIS

CONSULTANCY

PLANNING

SINCE 1983







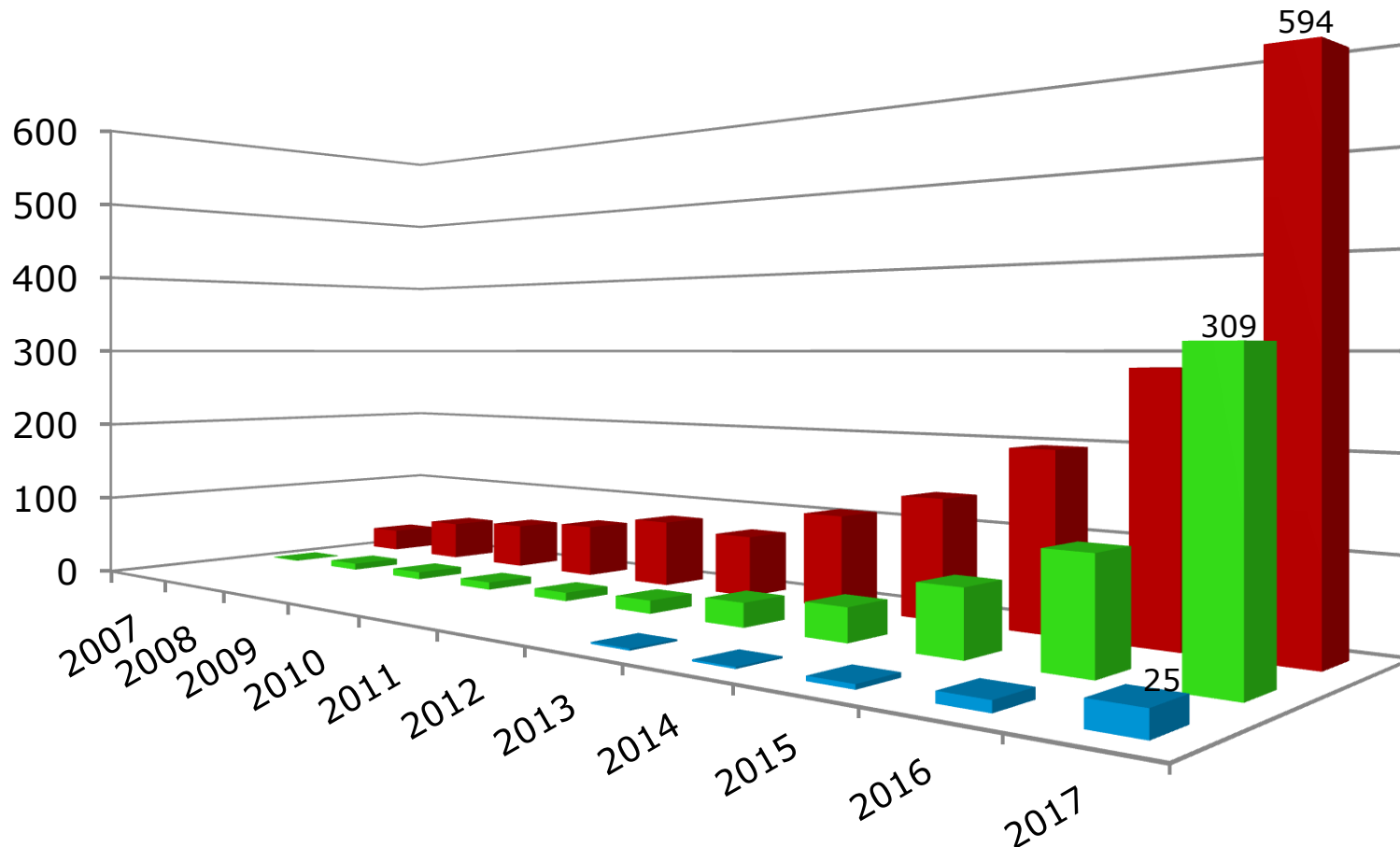
About MPs in a nutshell



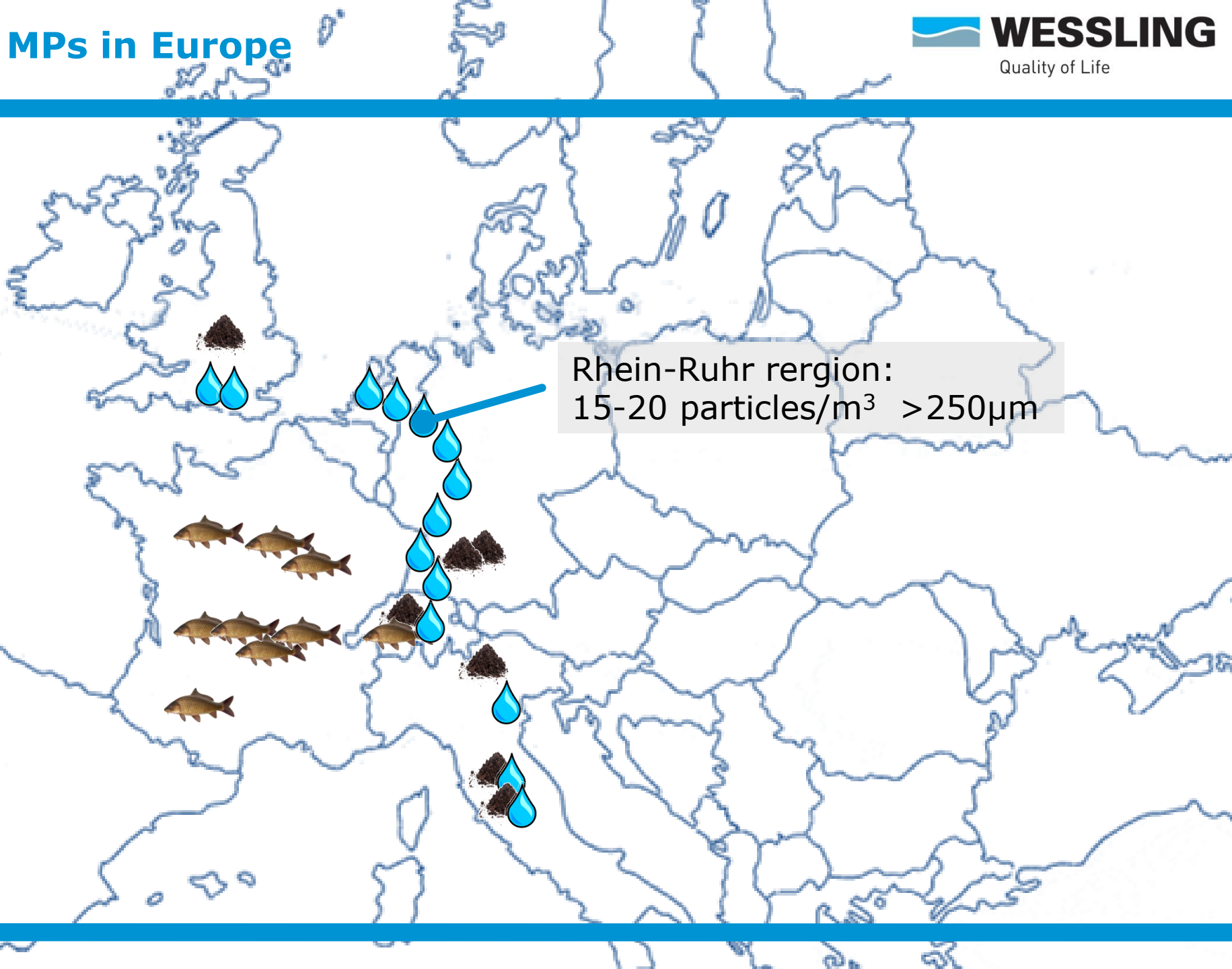
■ Microplastic AND freshwater
- title, abstract, keyword

■ Microplastic
- title, abstract, keyword

■ Microplastic
- all files







0.3 particles/m³ >500 μm

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Short communication

The Danube so colourful: A potpourri of plastic litter outnumbers fish larvae in Europe's second largest river 

Aaron Lechner^{a,*}, Hubert Keckeis^a, Franz Lumesberger-Loisl^a, Bernhard Zens^a, Reinhard Krusch^a, Michael Tritthart^b, Martin Glas^b, Elisabeth Schludermann^a



ENVIRONMENT AGENCY AUSTRIA **umweltbundesamt**^U

PLASTIC AND MICROPLASTIC IN THE ENVIRONMENT

P. Hohenblum, B. Liebmann, M. Liedermann

REP-0551
Vienna, 2015

6-66 kg/day >250μm

MPs in the Danube Region







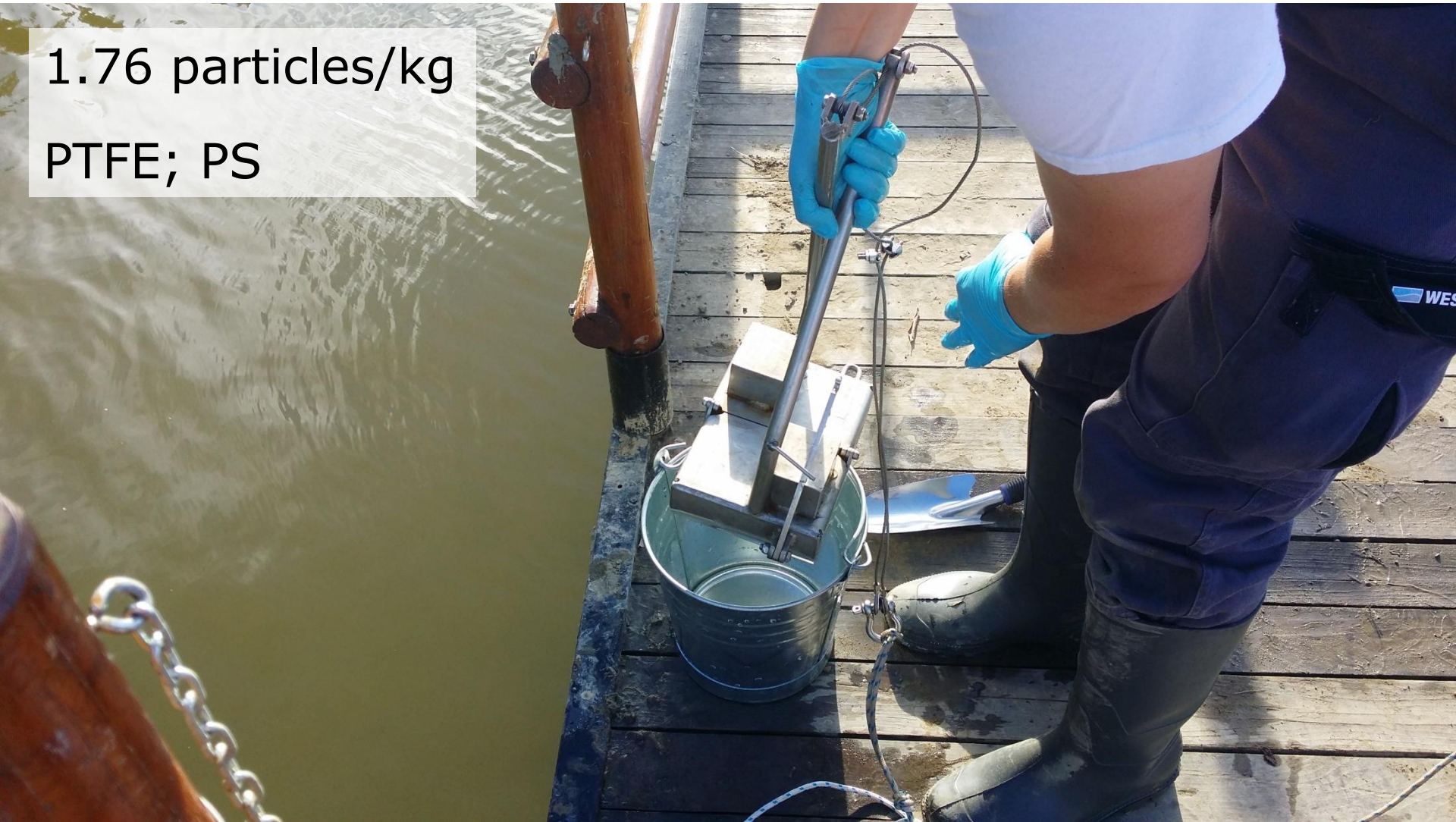
4.9 particles/m³ > 300 μm

62.5 particles/m³ > 15 μm

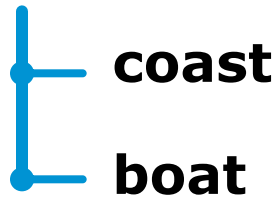
PP;PTFE;PE

1.76 particles/kg

PTFE; PS



- **Operation on universal platforms**



- **Enables sampling in different depth**

- **Fast & cost effective**

- **Easily transportable**

- **High sampling reproducibility**

- **High resolution (catches smaller particles)**

- **Good basis for standardisation**

Effects...???



Thank you for the attention.

✉ bordos.gabor@wessling.hu

www.wessling.hu

