

eDNA-based biomonitoring

✓ Renovate

Conventional bioindicators



Methods:

- sampling
- processing
- analysis

Calibration:

- benchmarking
- ring tests
- backward compatible

Legislation:

- science consensus
- full documentation
- data management

✓ Rebuild

New bioindicators



Optimization → Standardization → Implementation

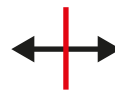
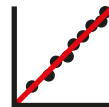
✓ Revolutionize

Taxonomy-free metrics

ACGTGCA TATGCGA
TGAGCC CGTTCA AGTGCA
ATACGC TACTGC



↳ *cost-effective*



↳ *guidelines*



↳ *upscaling*