

PROTE

PROTEUS - the innovative vessel created for carrying out lakes reclamation works



PROTEfos™
Lakes reclamation

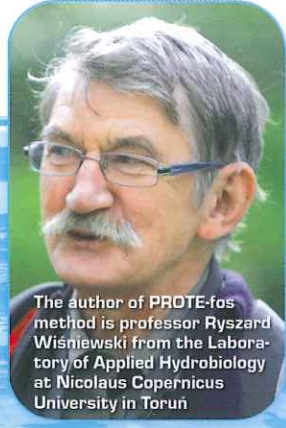
Effective way to achieve clear water in lakes

EFFECTS of applying PROTE-fos method

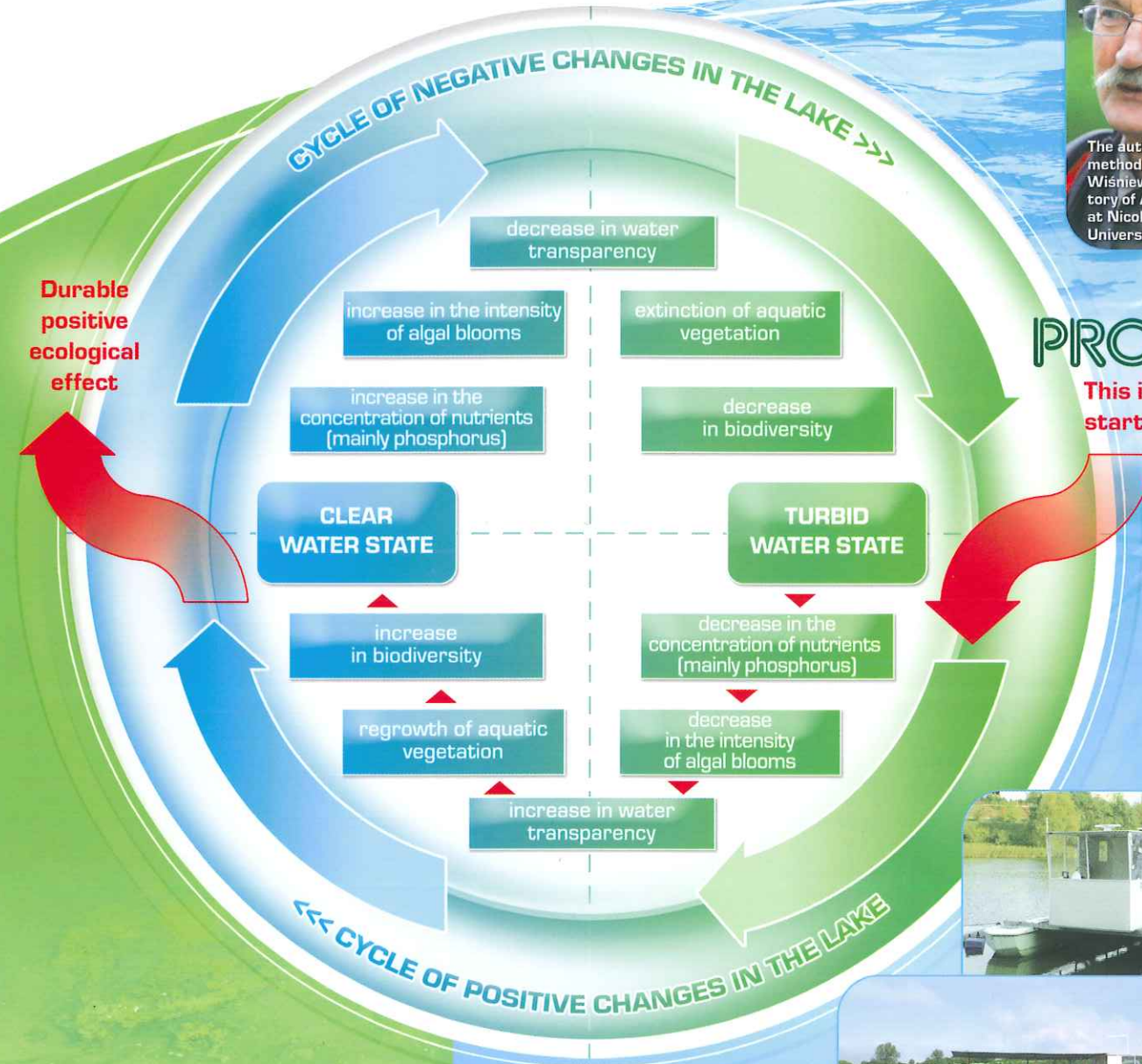
- inactivation of phosphorus in bottom sediments (eliminating the so called internal loading),
- decreased phosphorus concentration in water,
- limitation of algal blooms,
- increased water transparency,
- regrowth of submerged aquatic plants,
- increase of oxygen concentration in water,
- increased biodiversity and stability of the ecosystem,
- **permanent positive ecological effect.**

Blocking (inactivation) of phosphorus directly in bottom sediments during their intentional and controlled resuspension

In Poland about **70%** of lakes need restoration measures...



The author of PROTE-fos method is professor Ryszard Wisniewski from the Laboratory of Applied Hydrobiology at Nicolaus Copernicus University in Toruń



PROTEfos™
This is where we start our works

We offer preparation and carrying out an extensive restoration project including:

- analyses of water and bottom sediments parameters as well as analyses of biotic elements,
- controlling flows in trophic networks of aquatic ecosystem through blocking phosphorus in bottom sediments,
- applying selected supporting methods, for example: biomanipulation by changing species composition of fish stock, planting aquatic plants, dredging bottom sediments.

As the only company in Poland we have carried out successful, advanced lakes restoration projects.

...we have the method and tools, YOU decide whether to use them.

PROTE Technologie dla Środowiska Sp. z o.o.
ul. Nieszawska 1, 61-021 Poznań, Polska
tel.: +48 61 654 55 70, fax: +48 61 654 55 79

prote@prote.pl
www.prote.pl

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