FLOATING ARTIFICIAL ISLANDS

*for breeding
of waterbirds
and much more...*

Artificial Floating
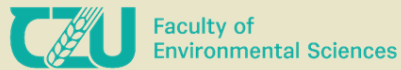Islands

THE PROJECT:

The implementation of floating artificial islands
for the improvement of breeding conditions
for waterbirds and increase of biodiversity
in fishpond ecosystems
(Norway grants 2022-2024)

Norway grants

STÁTNÍ FOND
ŽIVOTNÍHO PROSTŘEDÍ
ČESKÉ REPUBLIKY

Společně pro zelenou Evropu
Podpořeno Norskem prostřednictvím
Norských fondů.

PROJECT PARTNERS:

CZU Faculty of Environmental Sciences

VRV

NINA

Jihočeský kraj

SEV.EN ENERGY

AGENTURA OCHRANY PŘÍRODY A KRAJINY ČESKÉ REPUBLIKY
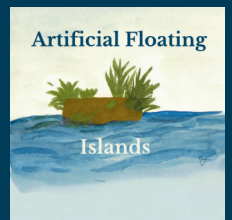
Rybářství Třeboň

RYBÁŘSTVÍ KARDAŠOVA ŘEČICE

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FOTO: TOMÁŠ JŮNEK, PETR MUSIL AND MONIKA HOMOLKOVÁ
GRAPHICS: ŠÁRKA NEUŽILOVÁ A KAROLÍNA MUSILOVÁ

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LOCATIONS OF THE ISLANDS

- South Bohemia
- North Bohemia
- 20 islands (128 m²), 32 m² each
- district Jindřichův Hradec:
  Krvavý and Obecní ponds
- district Třeboň: Schwarcenberg,
  Velký Lomnický and Vlkovský ponds
- district České Budějovice: Starý
  Vrbenský, Vyšatov and Domin ponds
- district Most: Propadlina and Černice
  reservoirs

TARGET SPECIES

- Black-headed Gull
- Common Tern
- Common Pochard
- Tufted Duck

FLOATING ISLANDS CAN HELP BECAUSE...

- Intensively managed fishponds are considered the most important breeding habitat for waterbirds.
- Most key drivers of population changes, such as reproduction success, depend strongly on breeding site environmental conditions.
- Lack and/or decrease in suitable nesting sites has far-reaching consequences for the population dynamics of many species.

THE ECOLOGICAL VALUE OF THE ISLANDS

- create new suitable nesting sites for waterbirds
- support macrophyte vegetation
- provide suitable habitat for the development of other freshwater organisms
- increase in water quality and biodiversity of the pond
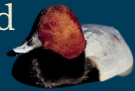
Technical details

- GABION-BASED DESIGN
- Durable but light and flexible steel construction (sandwich)
- Connection using steel spirals
- A floater from durable plastic tubes
- Coconut material to fix the plants
- 32 m² - 16 pieces (2 m² each)