



Water retention across the landscape

experiences and challenges in the
Kalocsa-Sárköz Basin

Esztergom

8 October 2025



Water-related problems and solutions

Lowland problems:

- drought, atmospheric drought
- sudden rainfall either runs off or collects in the wrong place

Favorable conditions:

- clay pits and dead channel
 - drainage network



Incoming precipitation must be stored for dry periods in areas suitable for this purpose

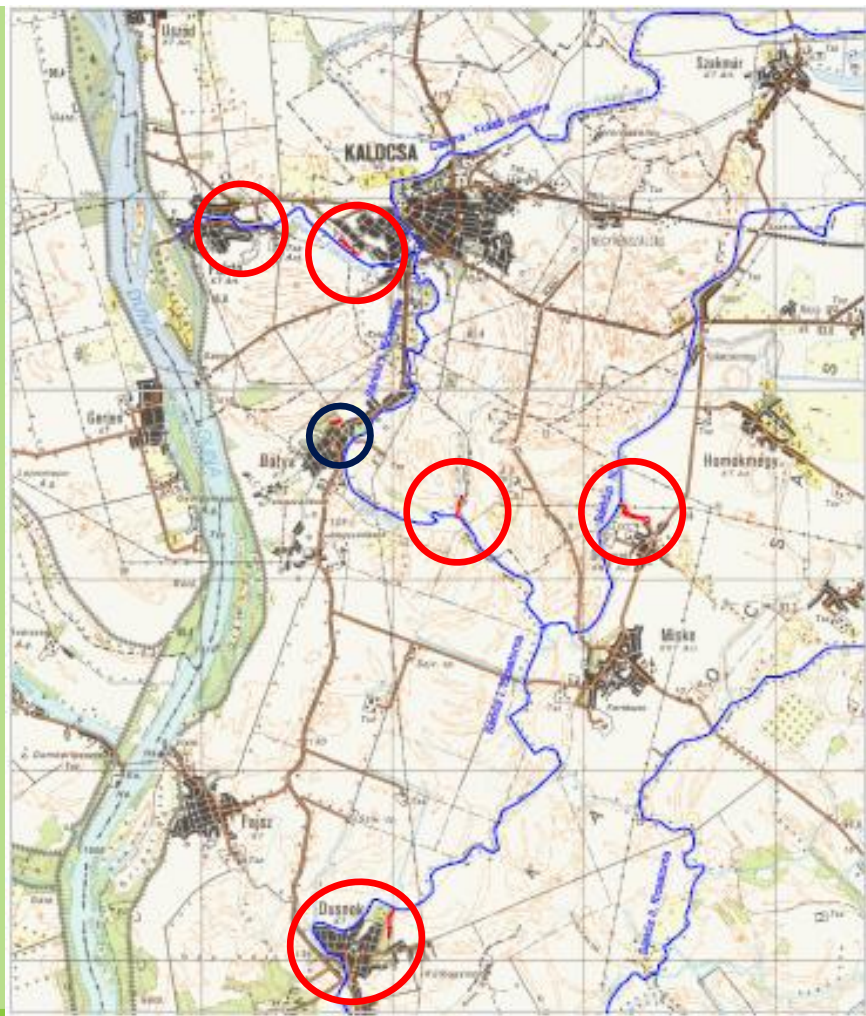
LIFE MICACC

...after!

Before...



LIFE LOGOS 4 WATERS



Planned interventions and activities in the Sárközi-I. Canal catchment area:

NWRM solutions based on local conditions in 5 settlements



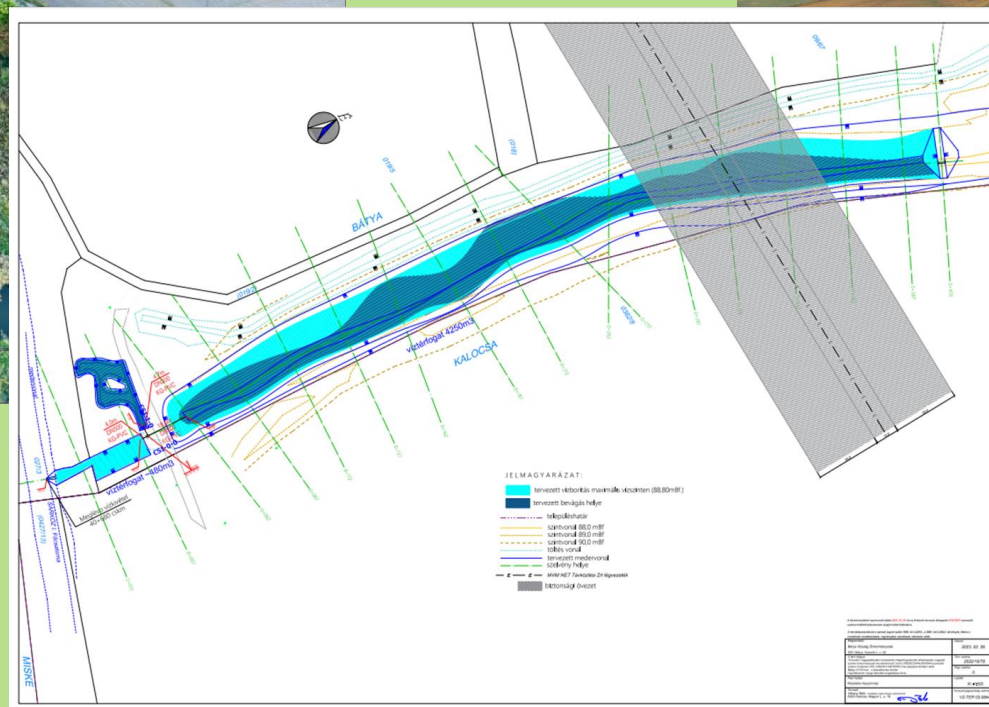
Bátya – „dead-Vajas”



Restore connection
between Vajas-fok
Canal and its dead–arm
(Holt-Vajas) by small
scale dredging at the
mouth and building a
water abstraction
structure



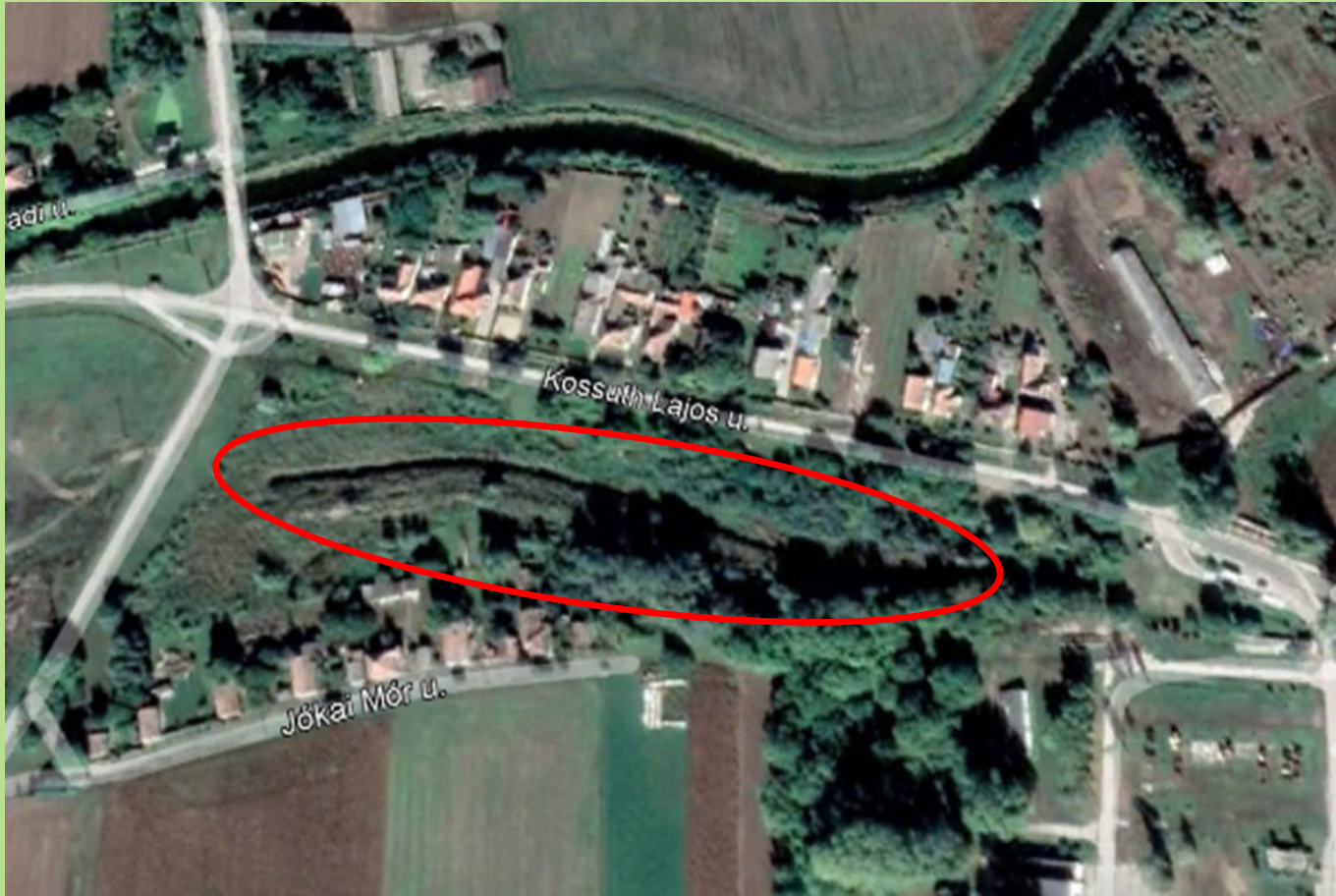
Bátya – „dead-Vajas”



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Foktő



A 2 ha former clay-pit right next to the settlement is used to retain, infiltrate and evaporate rainwater

Foktő



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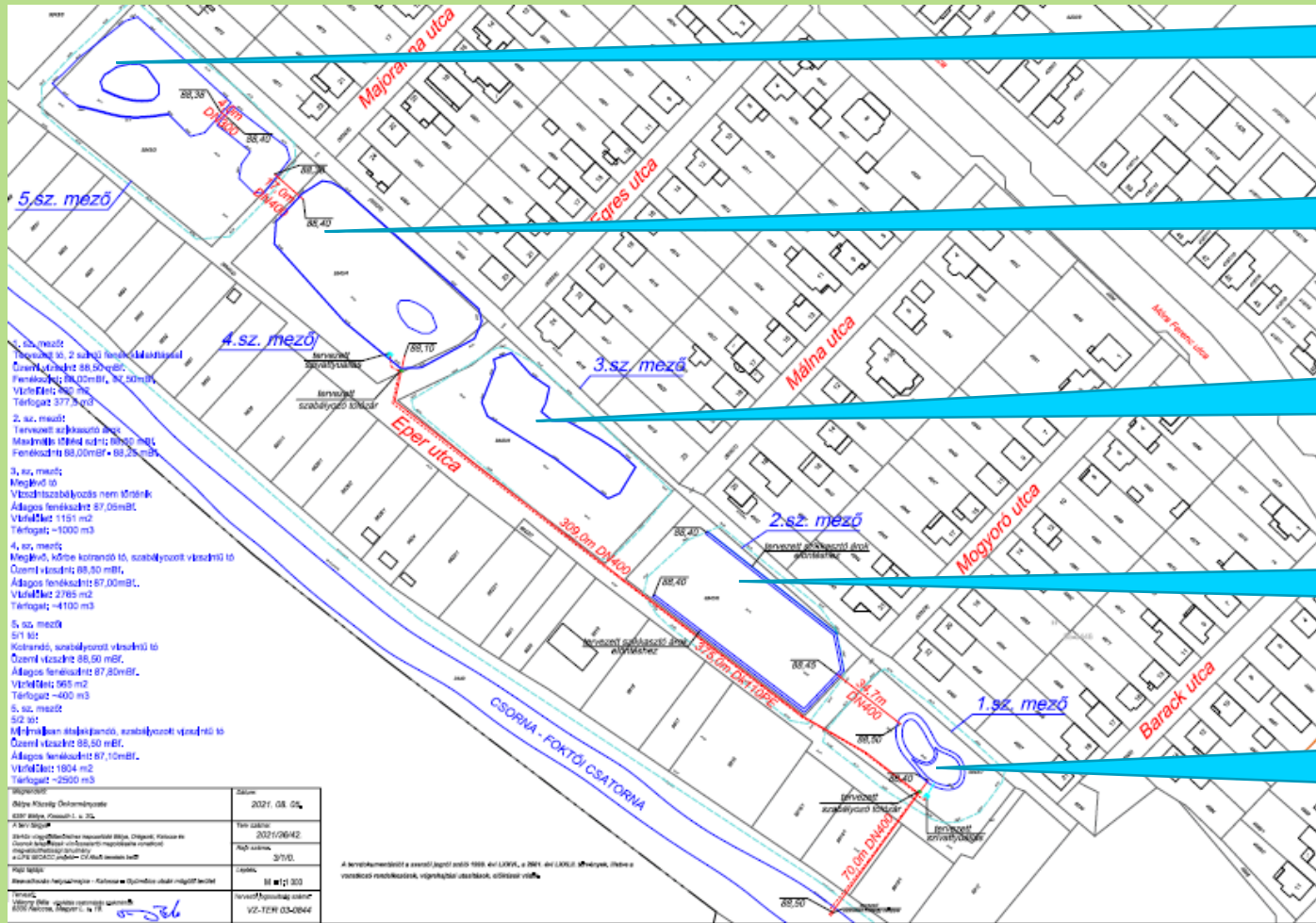


Kalocsa – „Fruit streets”



Improving of the water supply, ecology and microclimate of 5 former clay-pits in a suburban environment

Kalocsa – „Fruit- streets”



dredging of the existing lake, a roof for visitors of the demonstration centre

Dredging of the existing lake

fruit tree, increasing retention capacity of the pond

„floodplain forest”, ditch

Establishing smaller pond



Kalocsa – „Fruit- streets”



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Drágszél



Restore connection
between Sárközi-III.
Canal and its dead-arm
by dredging and
building a water
abstraction structure

Drágszél



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Dusnok



Education trail with 5 stations





Thank you for your attention!

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