Morphological modelling results Arankina Ada

Preparation of Documentation for River Training and Dredging Works on Selected Locations along the Danube River. A project funded by the European Union

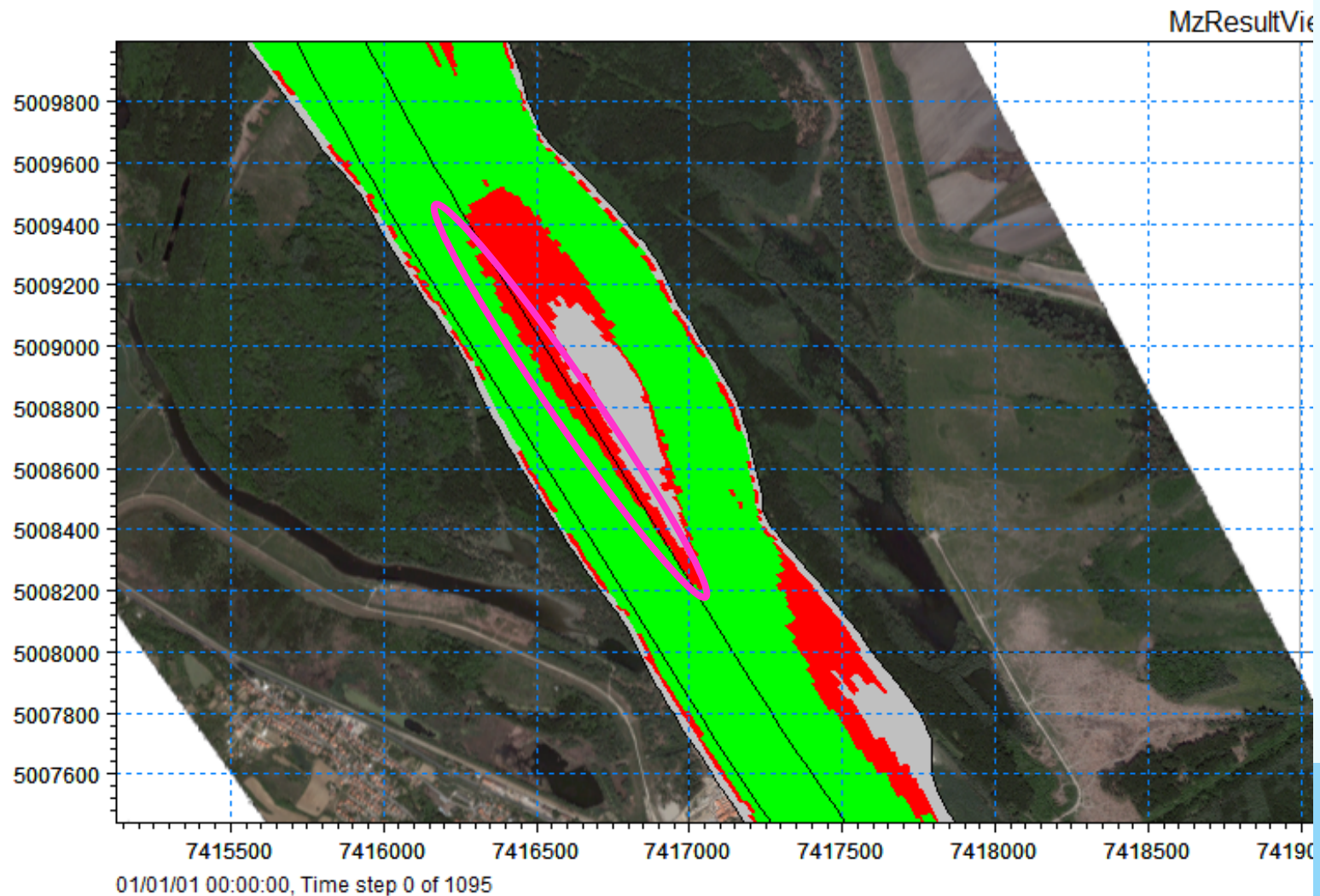6 February, 2013

21. Sector – Arankina Ada (km 1,247-1,244.8)
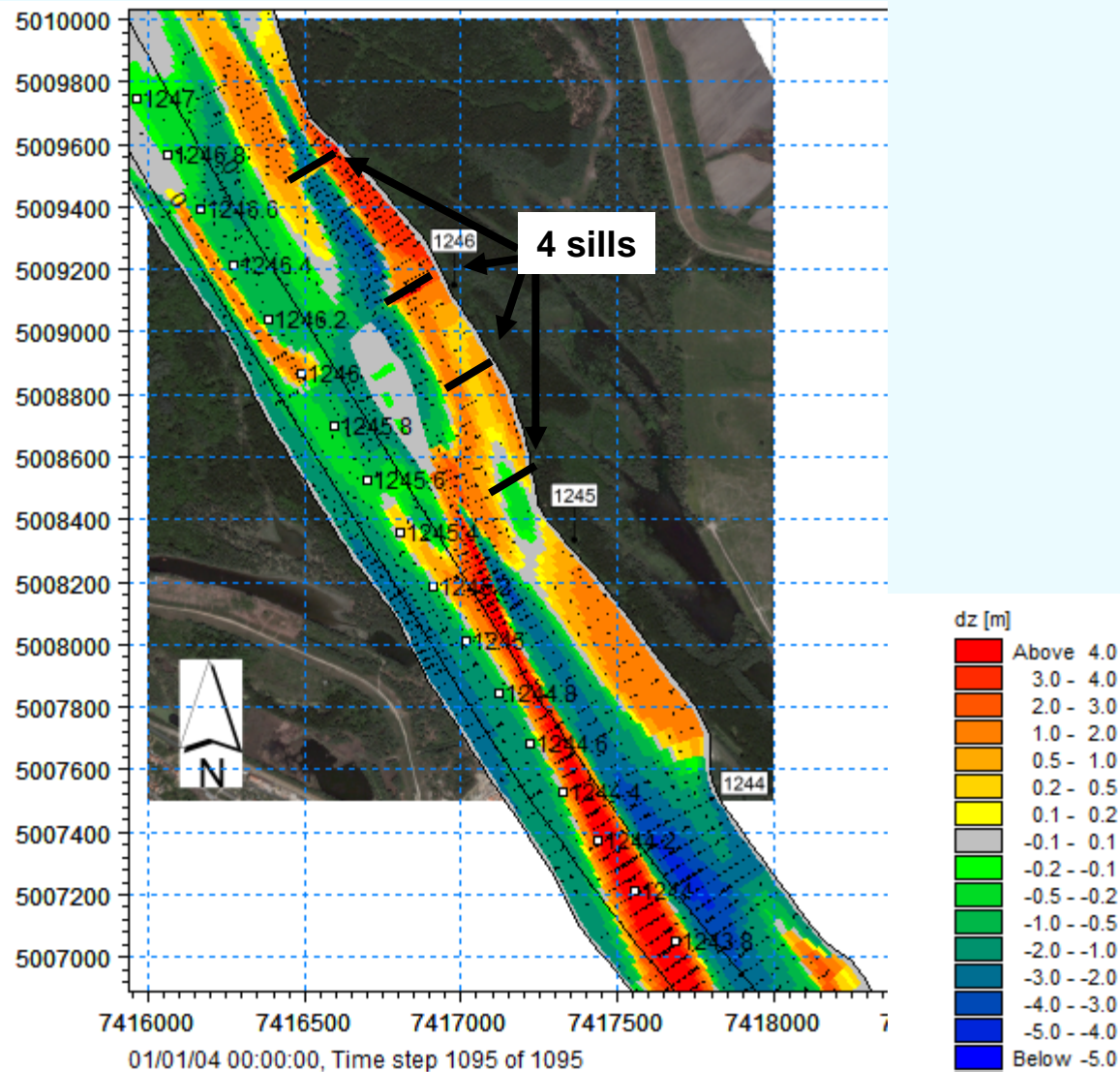
21. Arankina Ada – existing situation

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Where is the depth less than 2.5 at DLNL (2012)?

21. Arankina Ada – simulation

Conceptual design: Simulated bed level changes after 3 years

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21. Arankina Ada – conclusions

- Various scenarios with different amount of sills and sill heights were tested.

- At sector the problem is solve but additional problem is created downstream the sector.

- It appears that dredging is the best solution.

- Dredging volume is about 15,000 m3 and the back filling rate has to be determined

Thank you
for your kind attention