

# Morphological modelling results

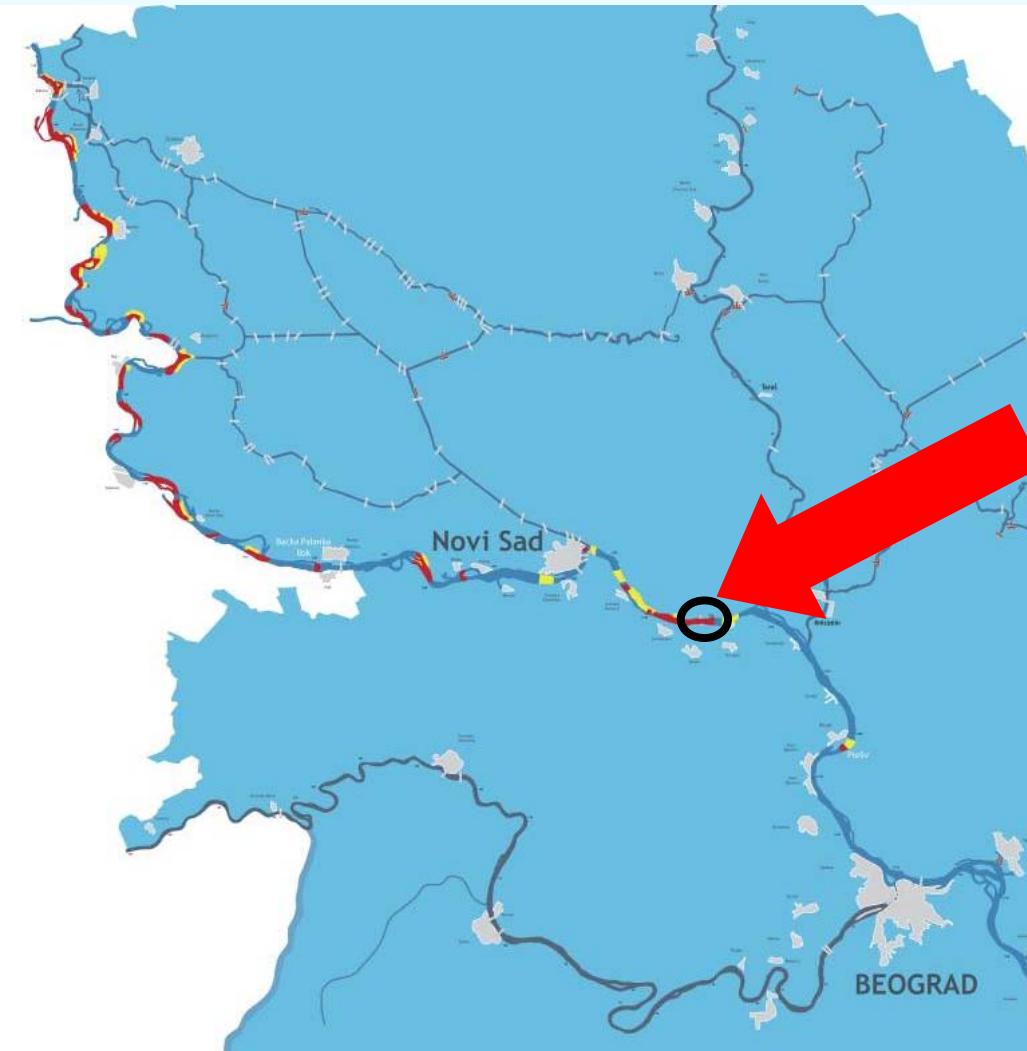
## Beska



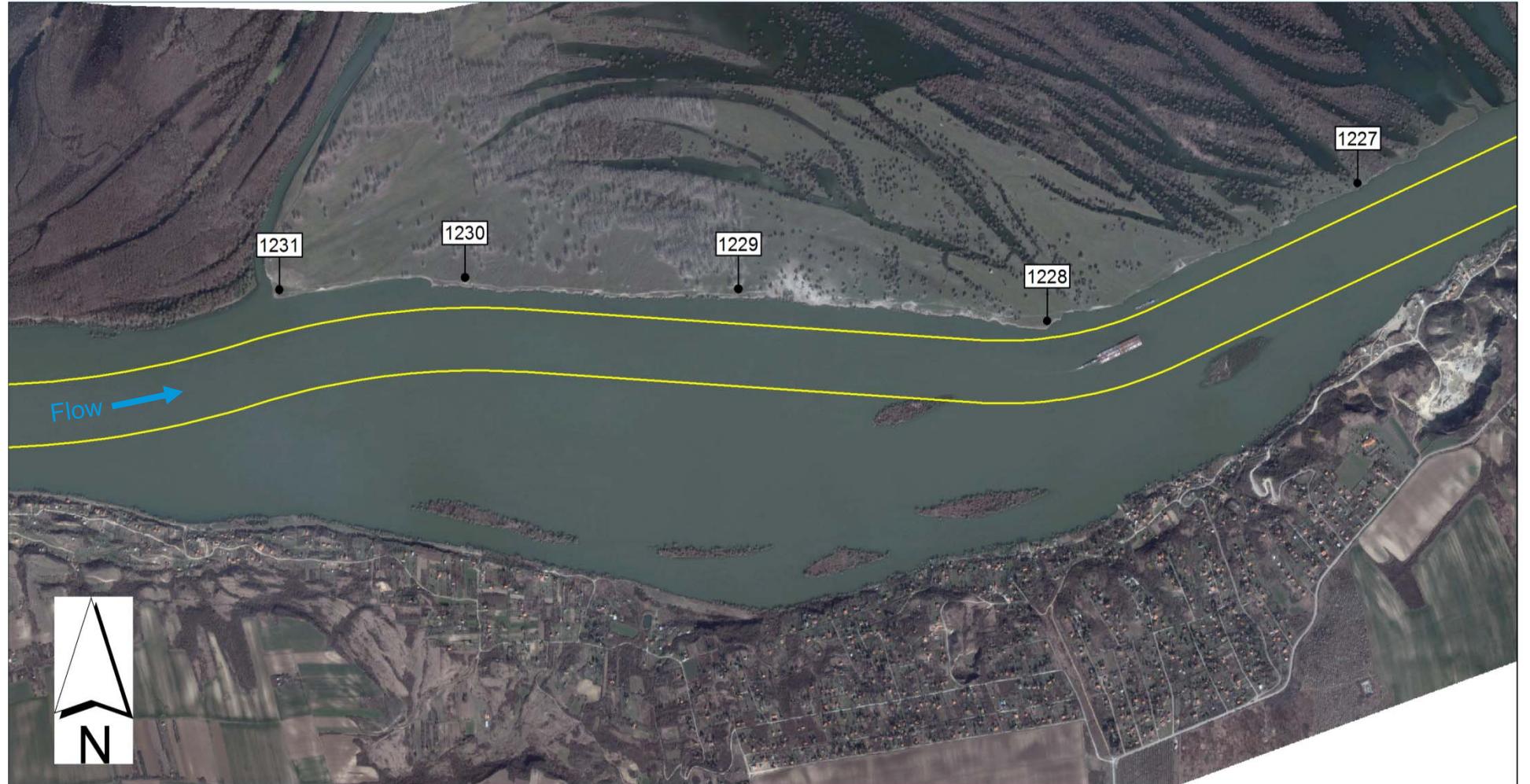
Preparation of Documentation for River Training and Dredging Works on Selected Locations along the Danube River. A project funded by the European Union

6 February, 2013

# 23. Sector – Beska (km 1,232.0 – 1,226.6)

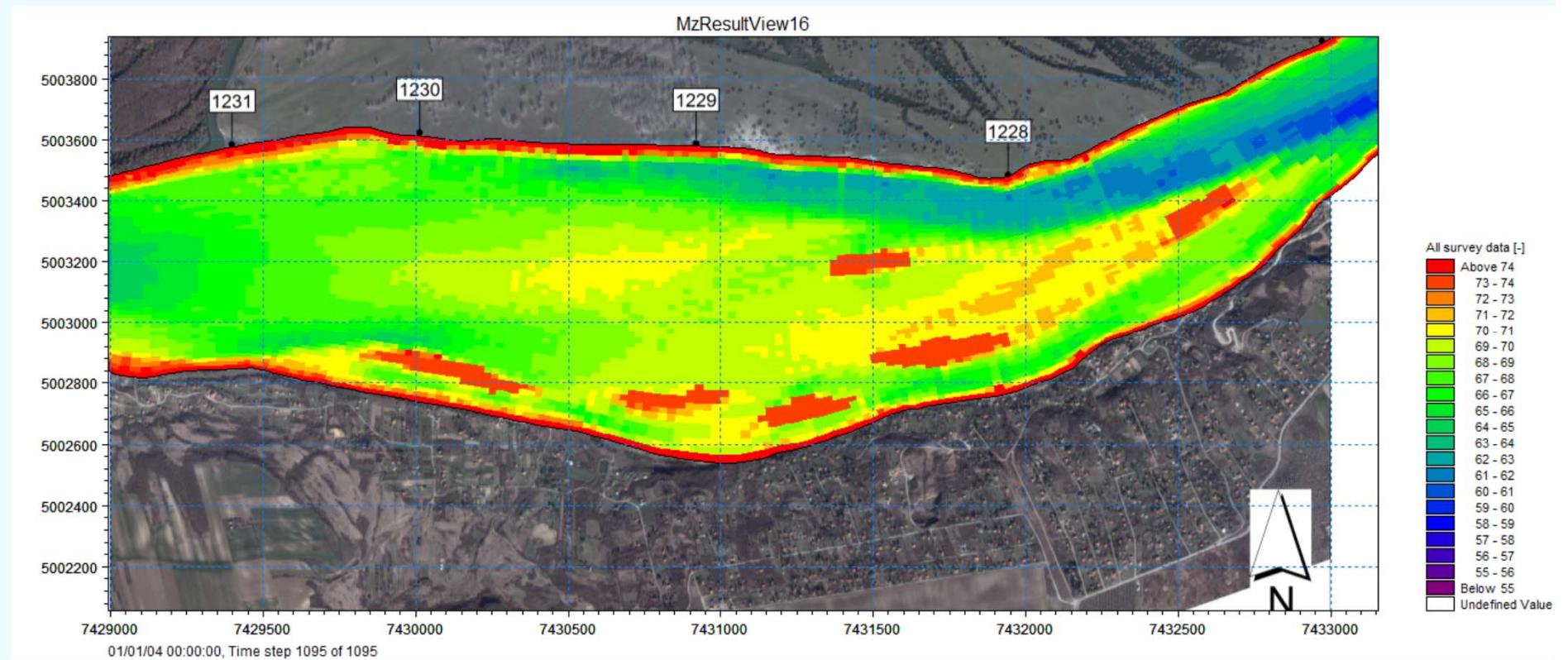


## 23. Beska – existing situation



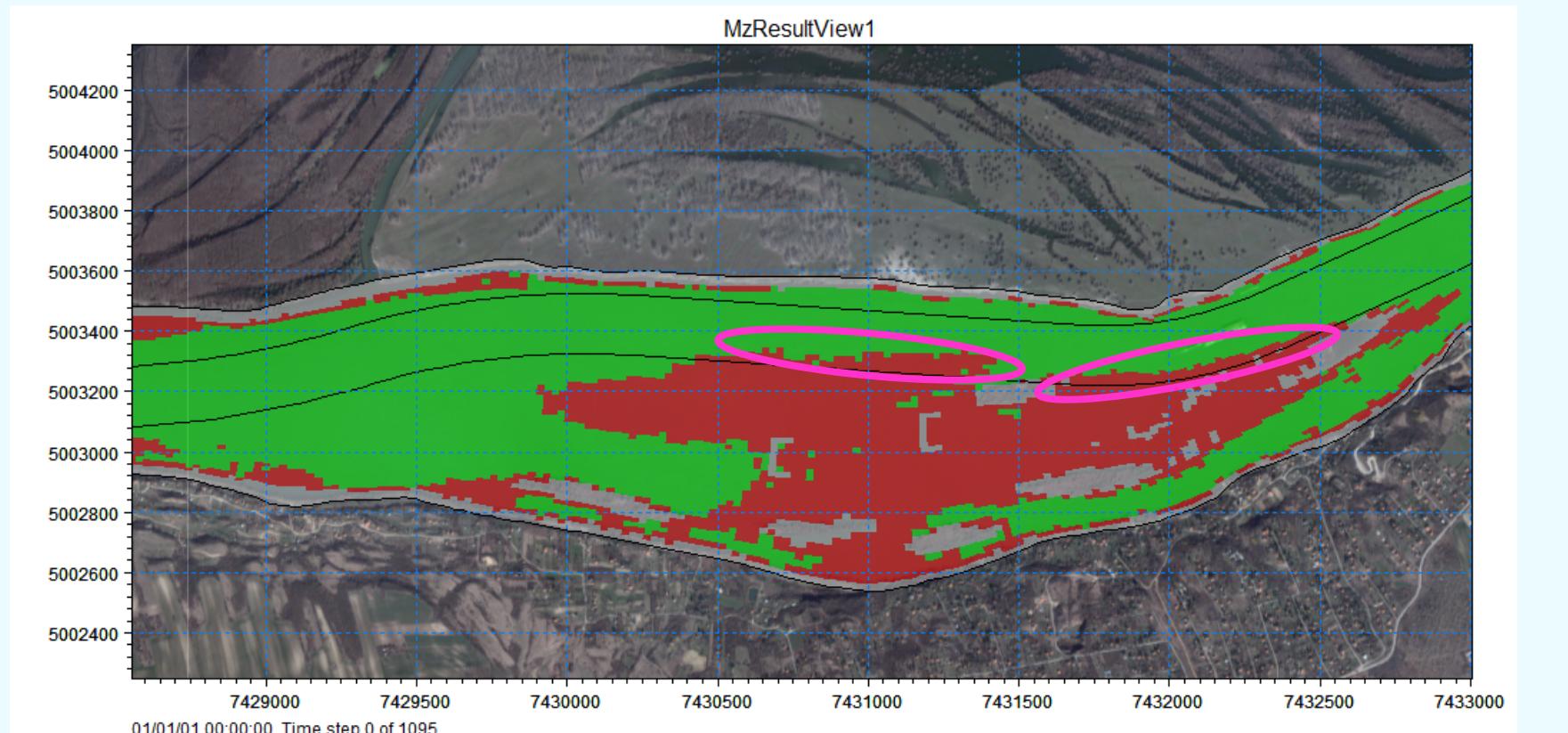
# 23. Beska – existing situation

Existing bed level in 2012



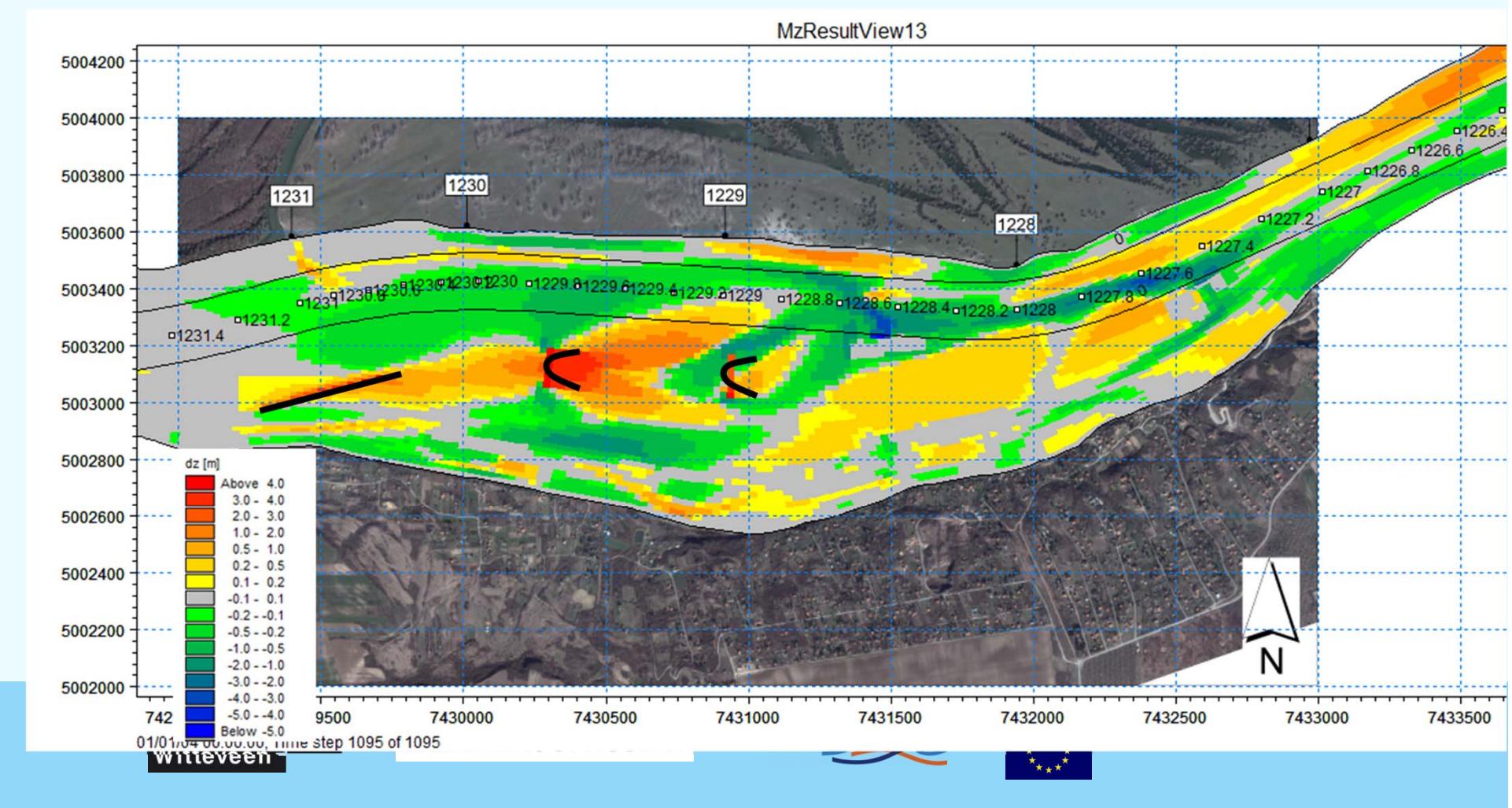
## 23. Beska – existing situation

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



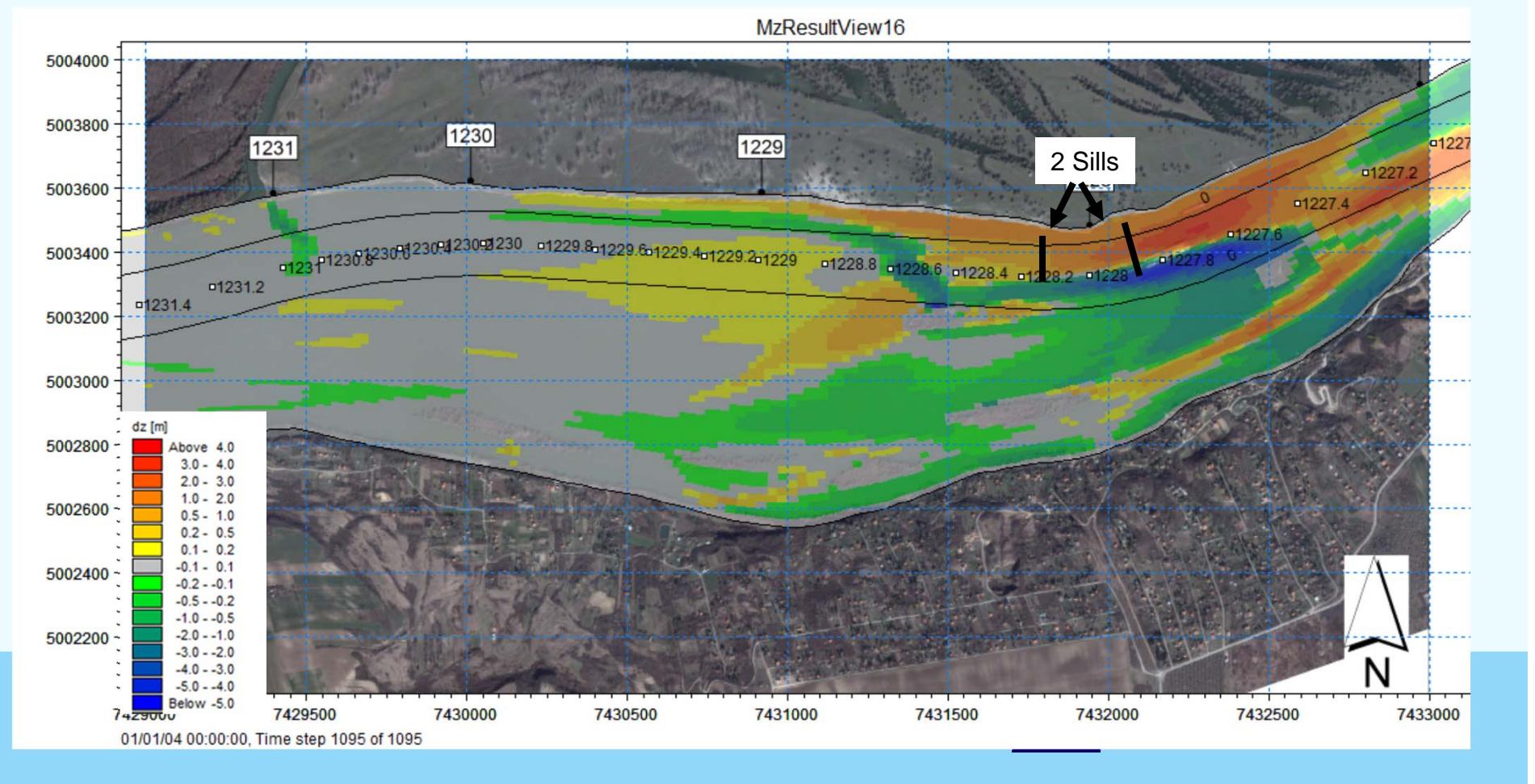
# 23. Beska – simulations

Simulated bed level changes after 3 years



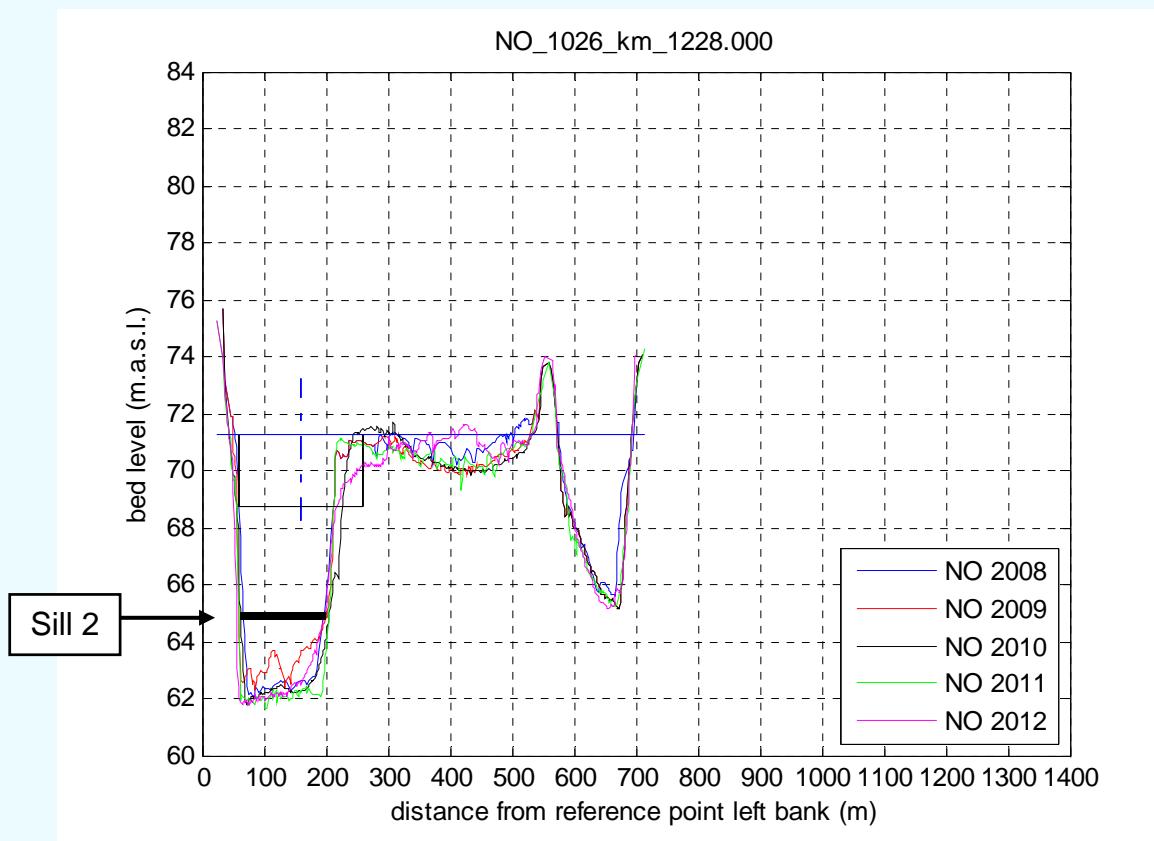
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Simulated bed level changes after 3 years



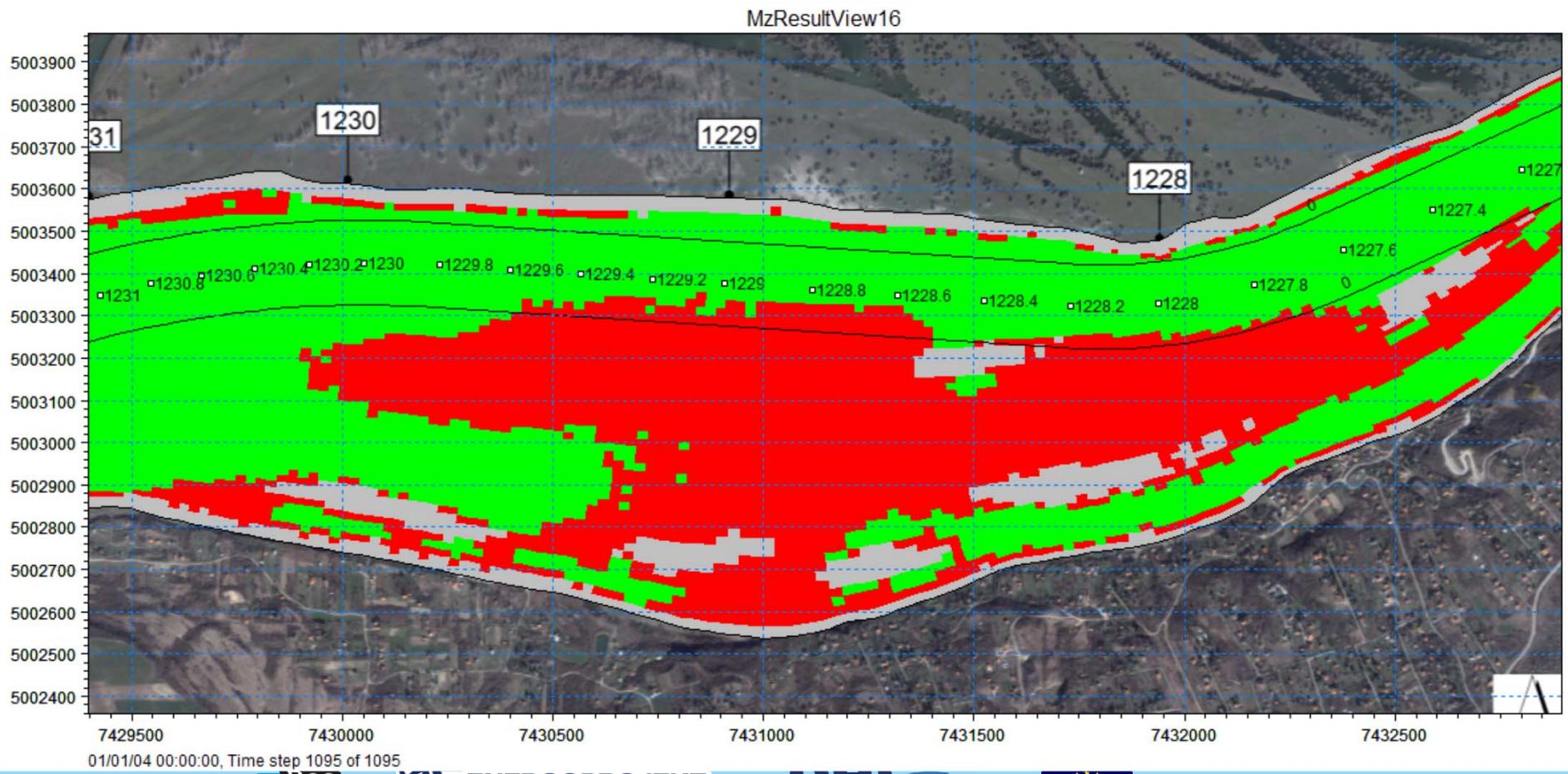
# 23. Beska – simulations

- Crest level of sills is 65 m.a.s.l.



# 23. Beska – simulations

Sufficient depth after simulation of 3 years?



## 23. Beska – conclusions

- Upstream: dredging will be carried out. Dredging volume and back filling time to be determined
- Downstream:
  - 2 sills will be constructed in main channel;
  - Some dredging will be required at this location

# Thank you for your kind attention

