



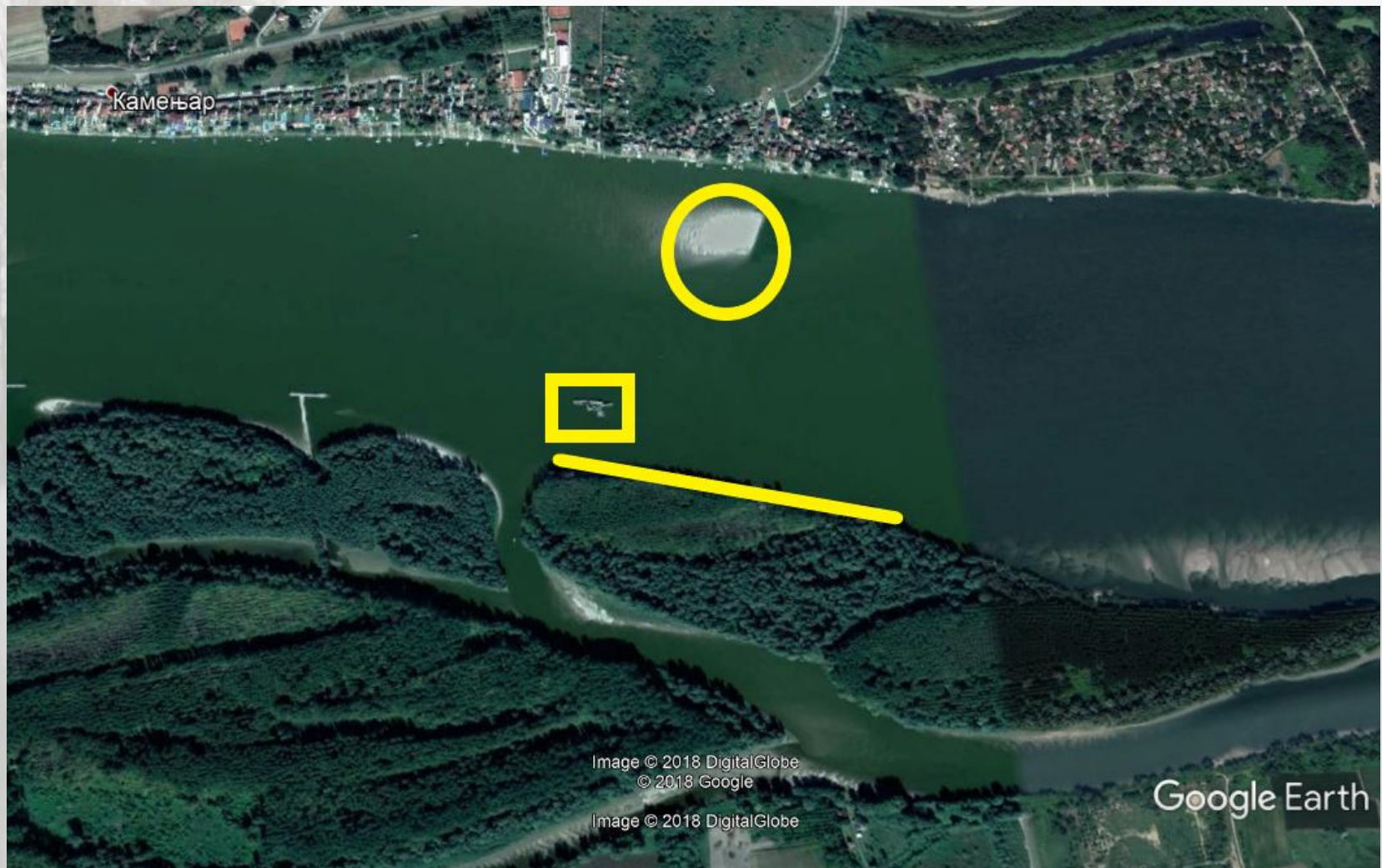
This Project is funded
by the European Union

Supervision and Environmental Monitoring of River Training and Dredging Works on Critical Sectors on the Danube River

STAKEHOLDER'S FORUM MEETING No.4 – 9. November 2018

**Republic of Serbia
Ministry of Construction,
Transport and Infrastructure**





Monitoring area on the right river bank, location of the work mechanization and location of the birds populations on the sandy island



(Great Cormorant *Phalacrocorax carbo*) is presented by few individuals and does not make colony there.

All birds are not related to the right bank and do not make nests there.

Average distance from work mechanization to the birds populations is about 300 m.

According to that, it can be concluded that works do not impact on water birds populations, neither on behaviour and nesting.



Individuals of *Corbicula* genus buried deeper in the sand in the seeking for humidity they remained on the sandy bank after lowering of water level

Populations are mostly represented by *Corbicula* genus (over 90% of all present individuals), which are presented in several dozen of individuals in the sand in work zone, and probably up to several hundreds in the zone of 2-3 m of water depth.

Population of mussels on the right bank live in shallow sand and are affected only by low water level.

Golden Freshwater Clam (*Corbicula fluminea*) in shallow water



18/10/2018

Some *Sinanodonta* individuals (up to ten) appear in the shallow water. The most significant endangering factor for mussels is low water level, as it has happened this summer and autumn due to their low speed of movements (20-30 cm/h) and consequently, inability of finding favourable habitat quickly (i.e. water sediment)

Vital individuals of mussels are recorded in the shallow water (in seeking for humidity), but also in sand, which remained out of water due to the water lowering.



Population of Black Poplar on the right bank with preserved layer of humus and ground floor of vegetation

Vegetation on the right bank, in the work zone, mainly consists of Black Poplar (*Populus nigra*) with some individuals of White Willow (*Salix alba*).

18/10/2018

Vegetation is in good health condition and it is not affected by the works due to the long distance between work zone and river bank. Plants only may be endangered by the erosion and, actually, some individuals, close to edge of erosion line, have naked and shallow roots and are in the risk of falling on the bank.

Thank you for your attention