



Co-financed by the European Union
Trans-European Transport Network (TEN-T)

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via donau – Österreichische Wasserstraßen-Gesellschaft mbH

Integrated River Engineering Project Danube East of Vienna

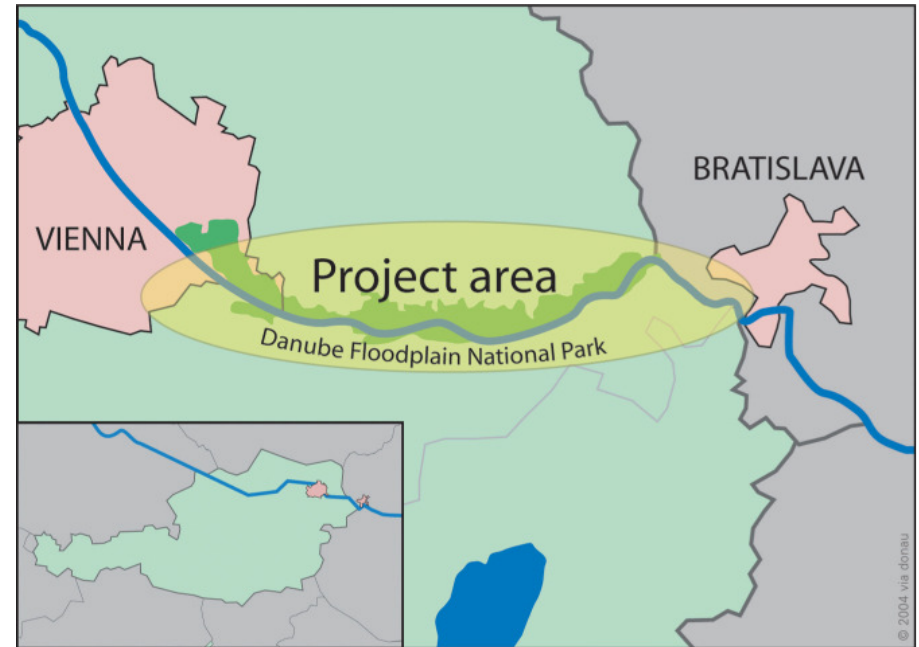
Zagreb, March 9th, 2010

www.via-donau.org

Integrated River Engineering Project on the Danube East of Vienna



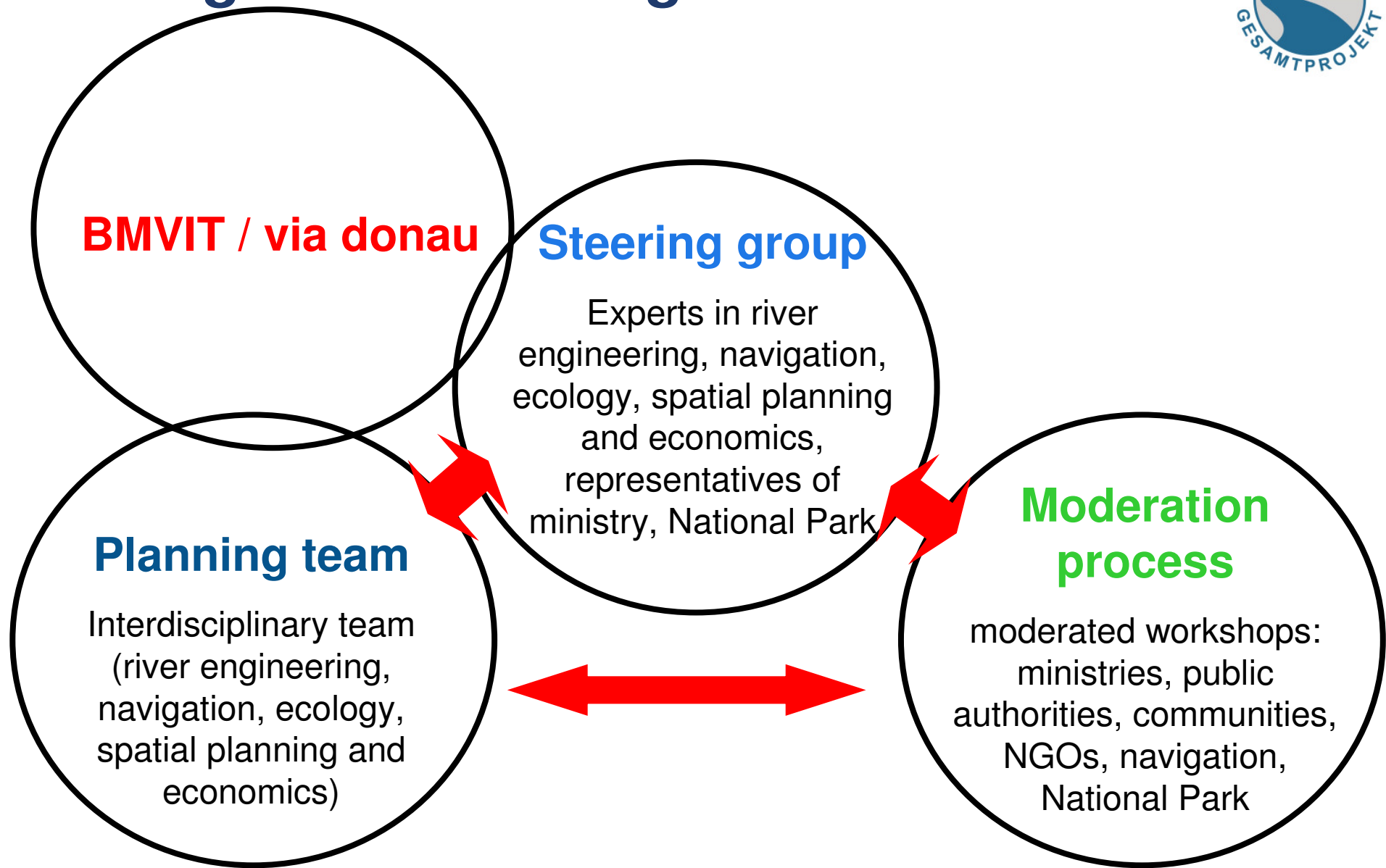
- is a project of via donau, realized on behalf of the Austrian Ministry of Transport, Innovation and Technology.
- is a priority project of the European Commission (Trans-European Transport Network, Corridor VII).
- With this project via donau is fulfilling the statutory mandate to provide for better environmental and navigation conditions.



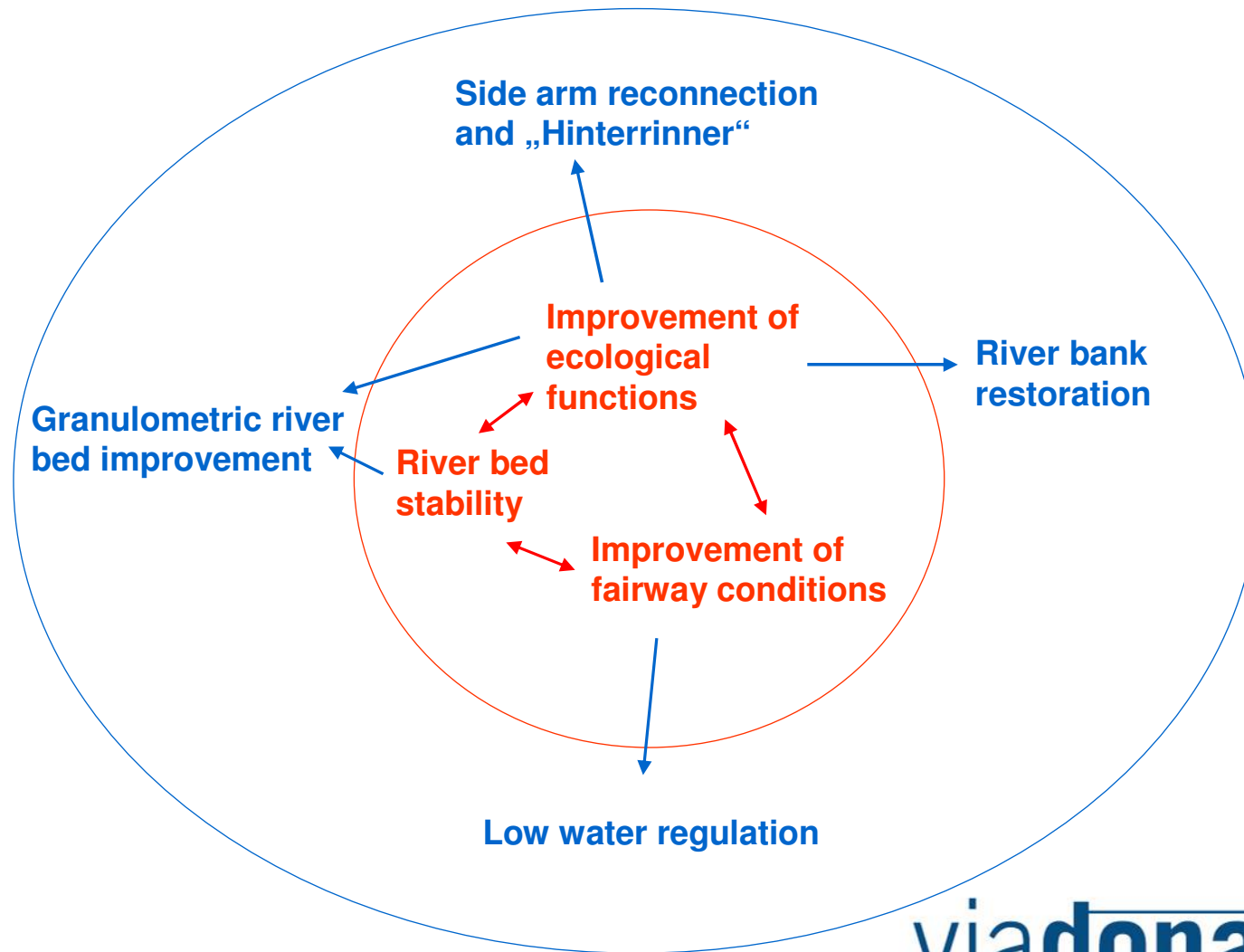
Project area: river-km 1.921,0 - 1.872,7
from the Freudenu Power Plant to
the Austrian-Slovak border

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Integrative Planning - Structure



Aims and Measures



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Granulometric River Bed Improvement



Reduce river bed erosion by adding larger gravel sizes (approx. 40 – 70 mm) within the natural grain size spectrum

Reducing bed load transport capacity from
300.000 to 400.000 m³/a
to 30.000 to 50.000 m³/a

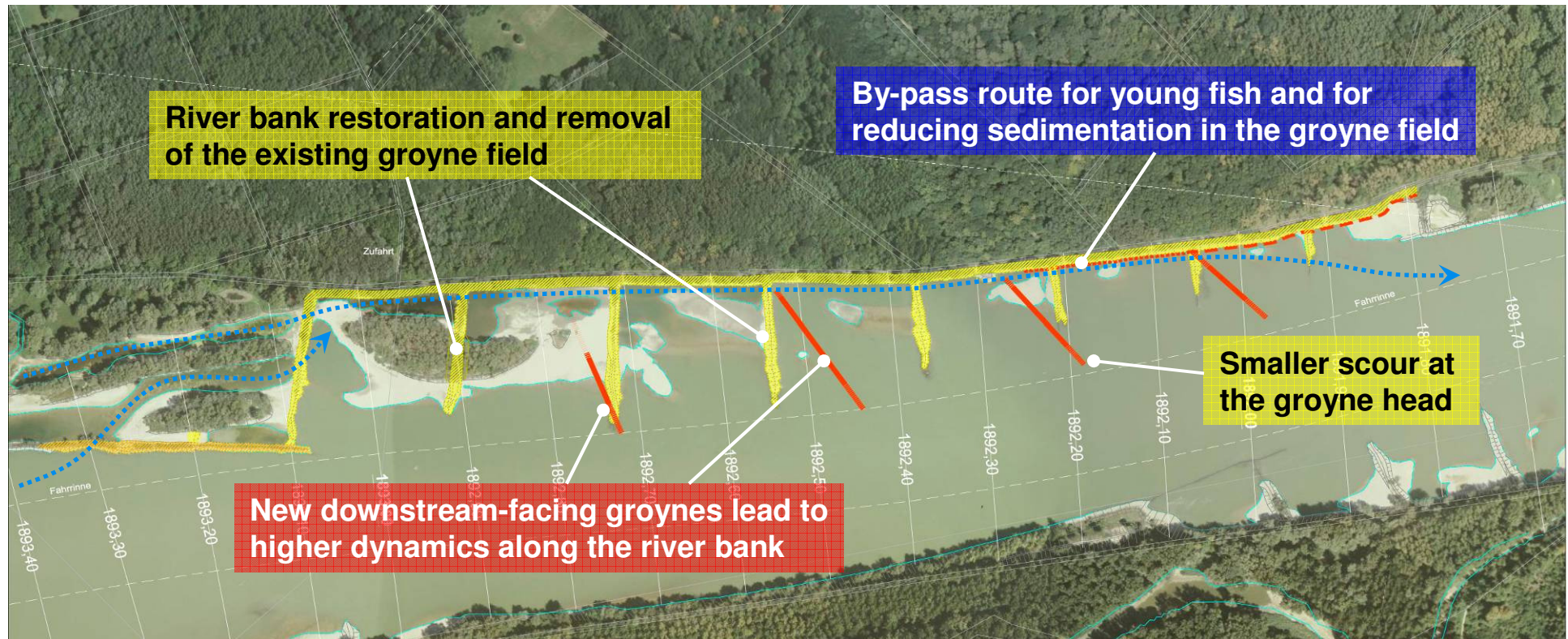


Foto: Austrian Hydro Power, Dipl.Ing. Schimpf

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Reconstruction of Groynes

Pilot Project Witzelsdorf



innovative groyne shapes –
advantages for ecology and navigation
by interdisciplinary planning

- Removal of old groynes and river bank restoration
- Construction of new groynes

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Reconstruction of Groynes

Pilot Project Witzelsdorf



River Bank Restoration

Pilot Project Thurnhaufen



BEST LIFE Nature
Project 2007-2008



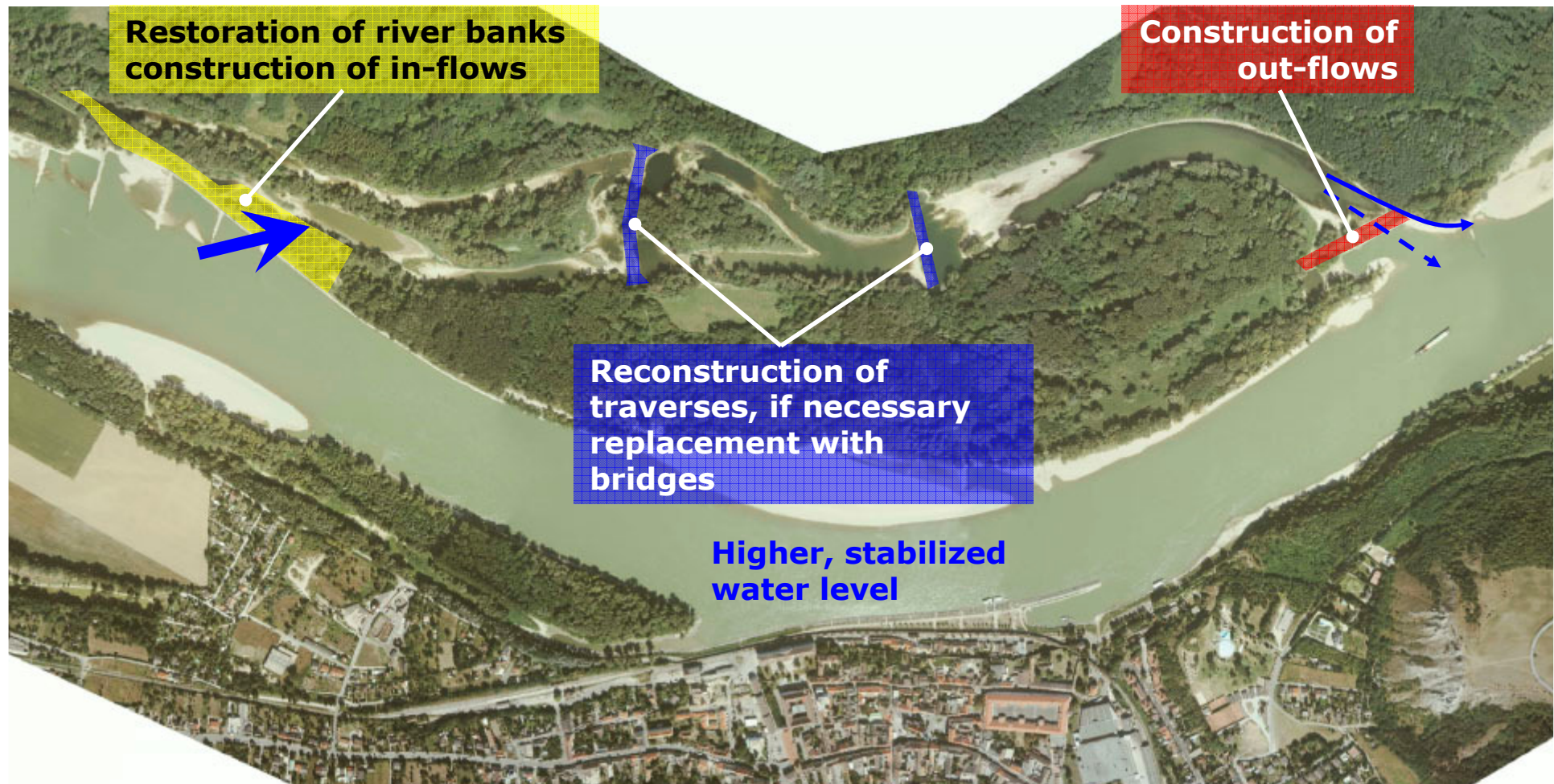
AWARD

Best LIFE-Nature Project



<http://ec.europa.eu/life>

Reconnection of Side Arms



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Status



- 6 Pilot Projects realized in Lower Austria (river bank restoration, side-arm reconnection)
- Last Pilot Project, the “Pilot Test near Bad Deutsch-Altenburg” is in preparation and shall start in autumn 2010
- Environmental Impact Assessment (EIA): Summary Assessment of the experts of the authorities was published in 2009

Synopsis



The Integrated River Engineering Project ...

- ... improves the ecological and nautical situation of the Danube east of Vienna
- ... by means of river engineering
- ... meeting the requirements of the sensitive area of the National Park Donau-Auen.

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