

On-site research camp
Krems, Austria

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Presentation of the students' research results

Technical
Infrastructure
&
Public
Transport

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Team



f.l.t.r.: Vanja (Belgrade, architect), Martin (Bratislava, architect),
Ivana (Belgrade, architect), Stefan (Vienna, planner),
László (Budapest, architect), Johannes (Vienna, planner)

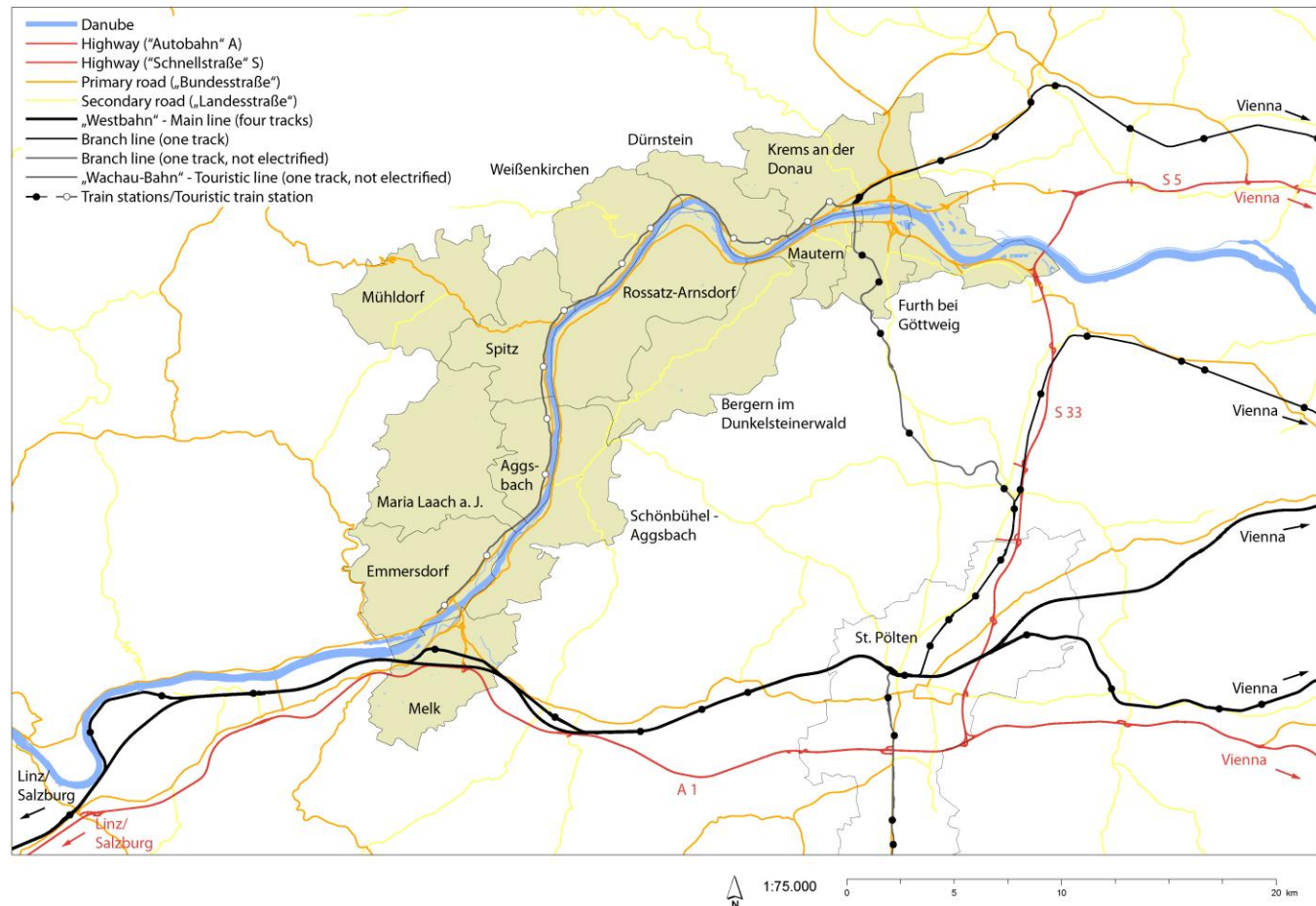
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Overview



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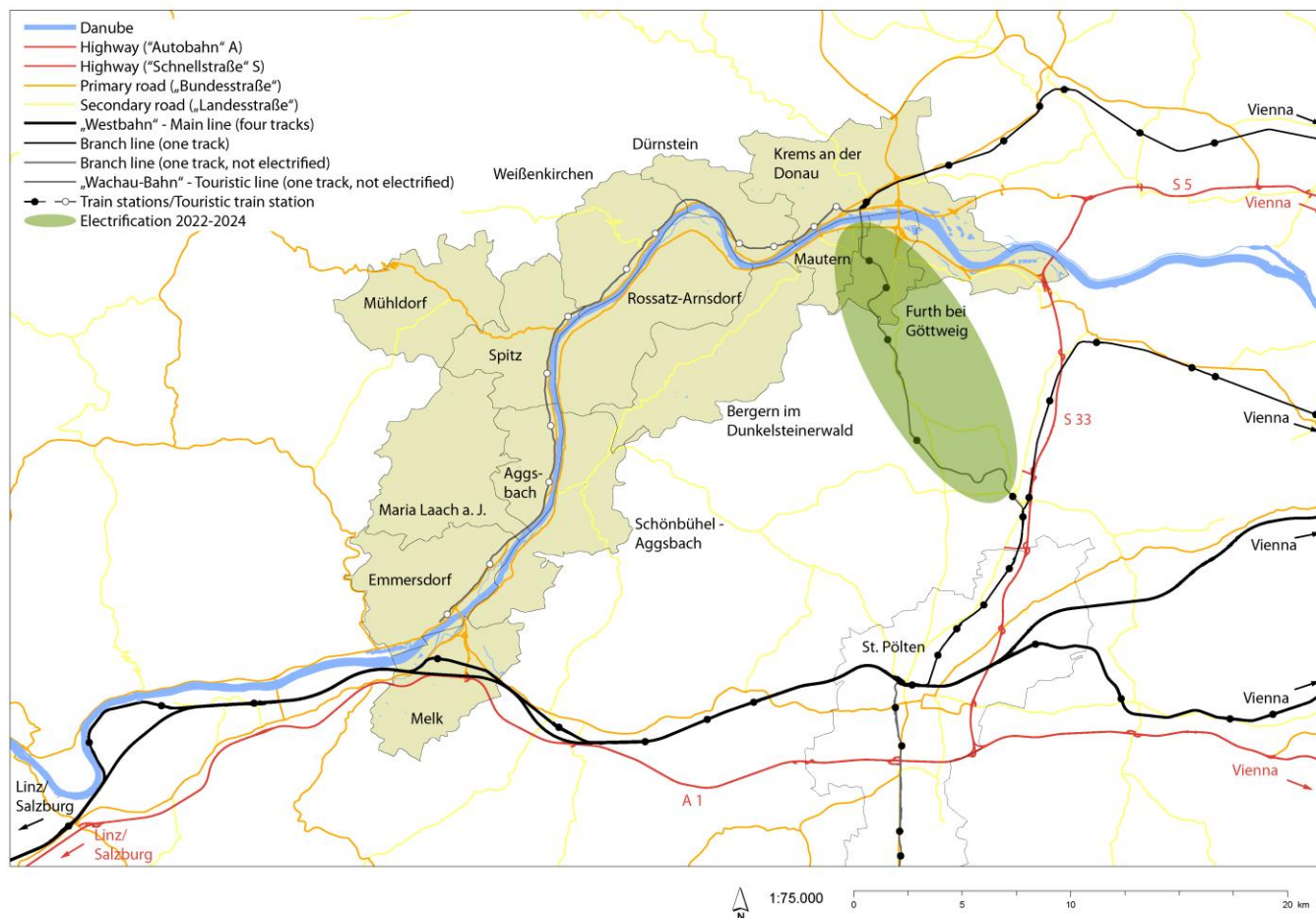
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Overview
Projects
planned
2022-2024

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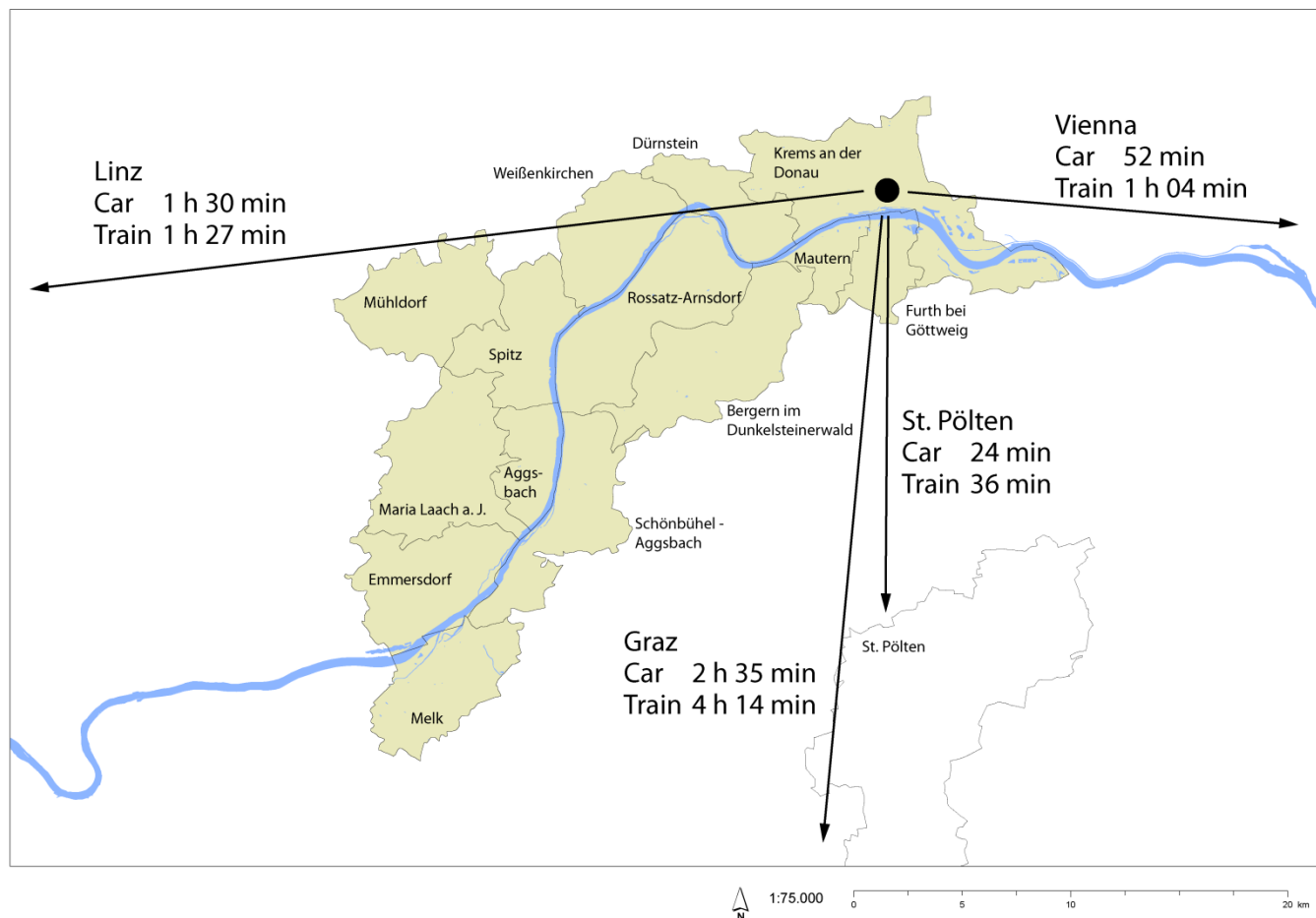


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Travel times



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Public
transport in
Wachau



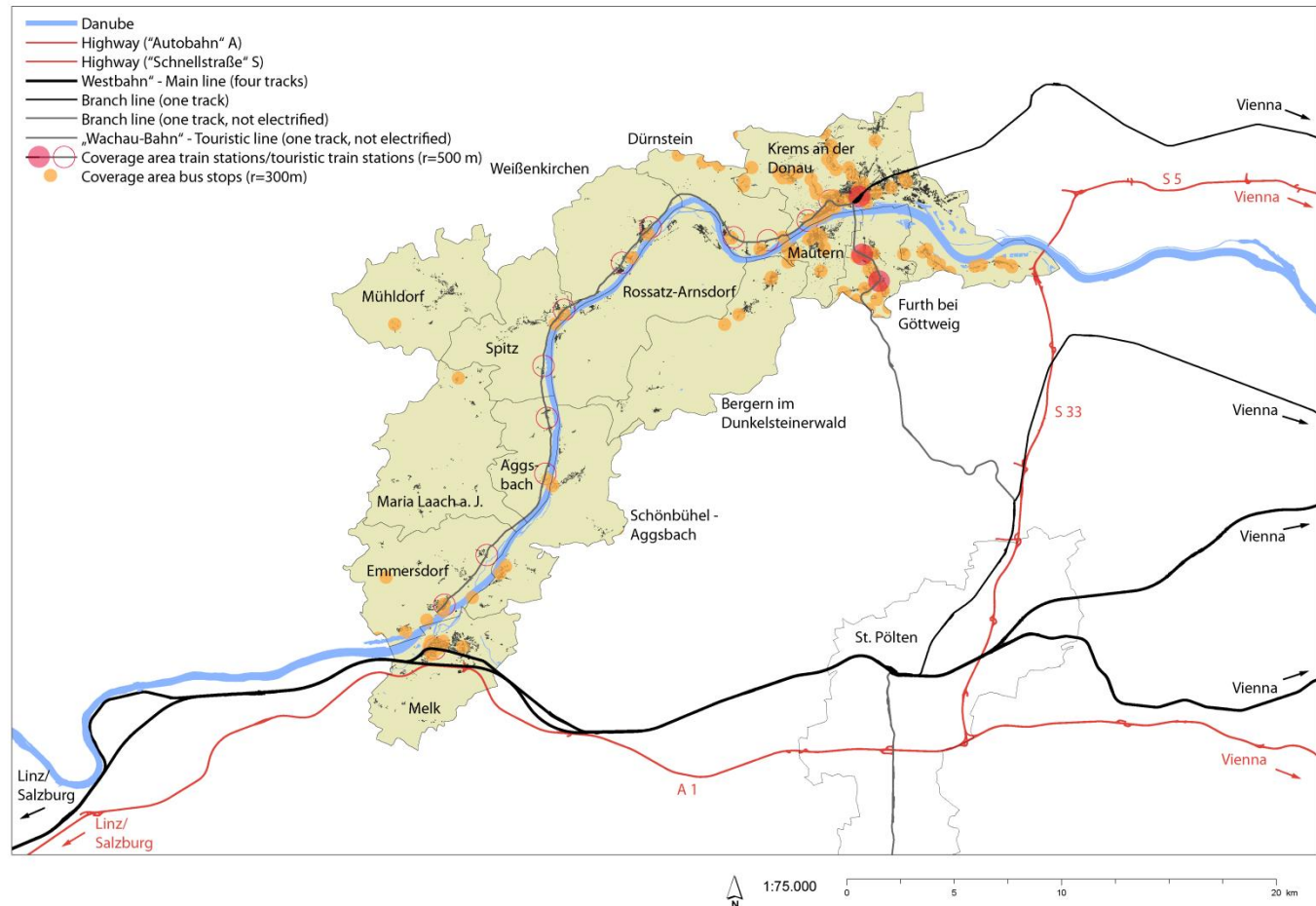
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Coverage area
of train
stations and
bus stops



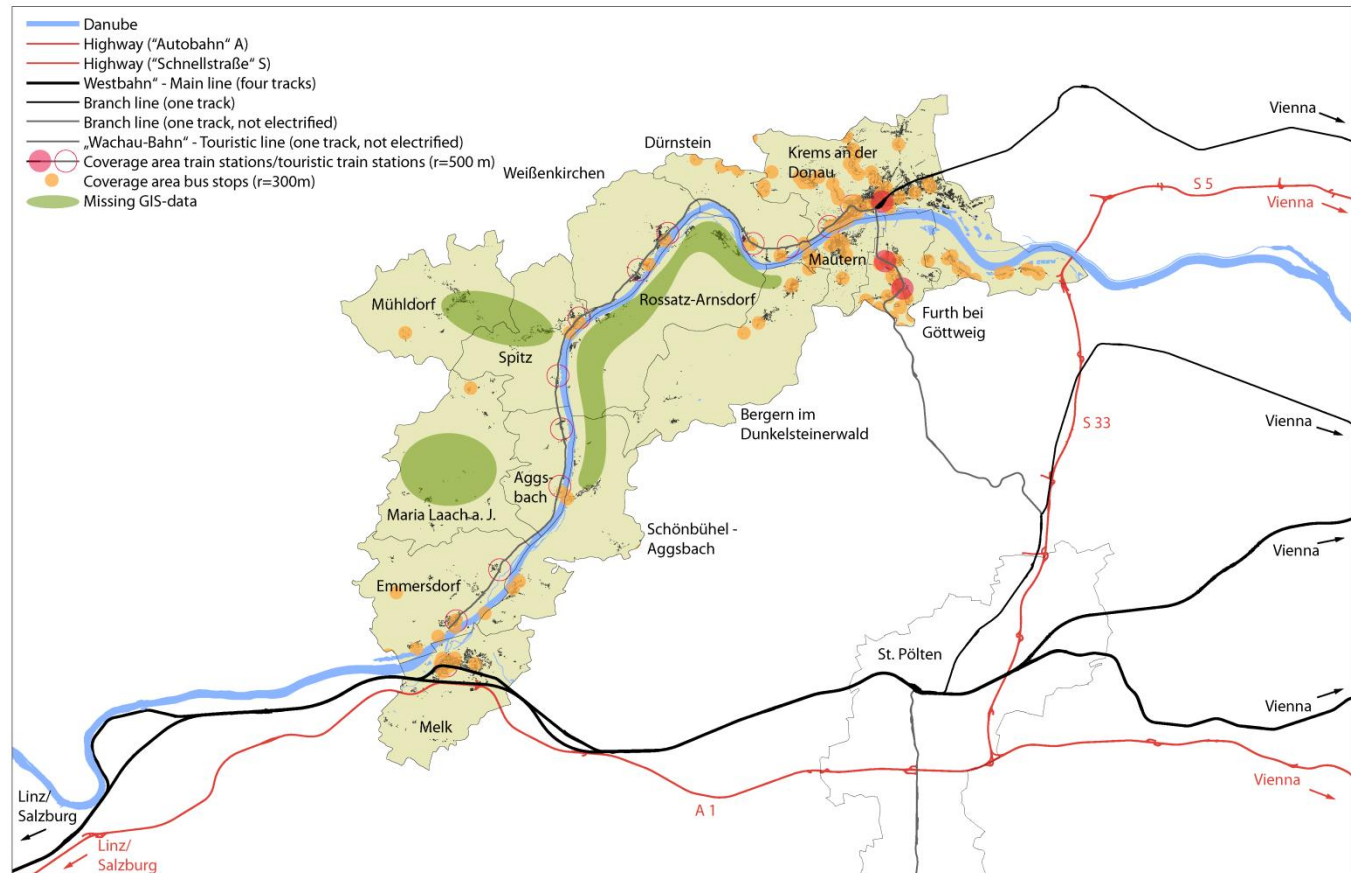
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Coverage area
of train
stations and
bus stops



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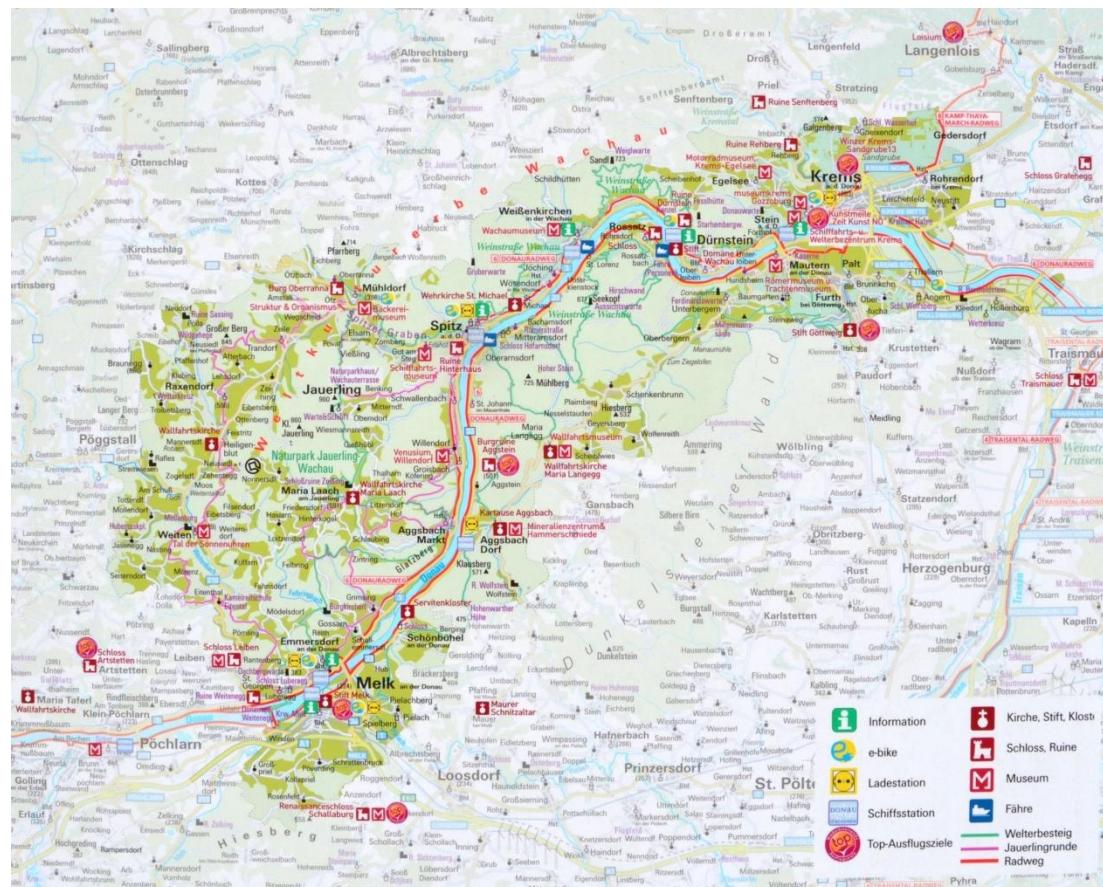
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Cycling
Walking
Hiking

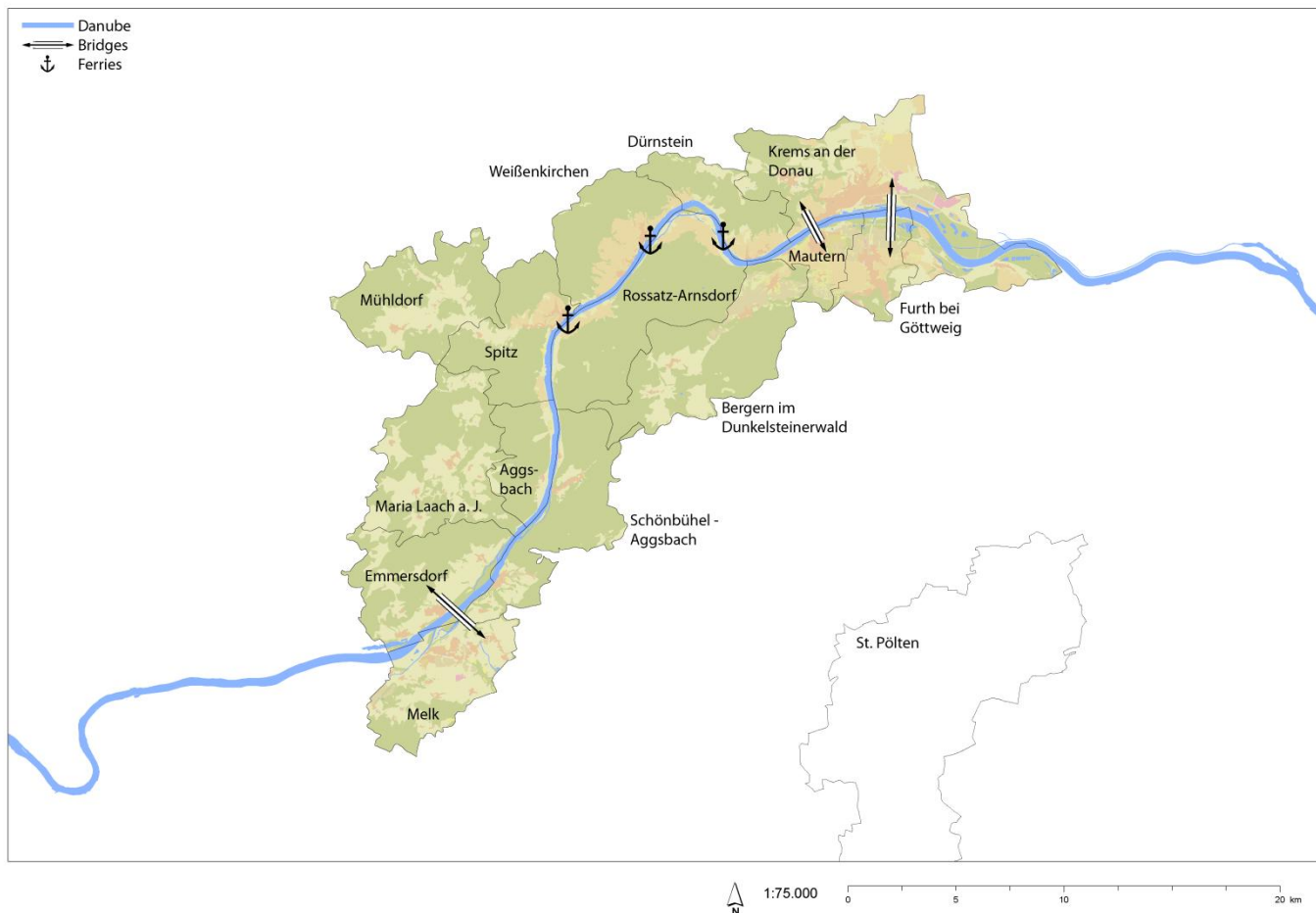


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Bridges
 Ferries



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Wachau-Bahn,
Dürnstein

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Freight ship,
Oberarnsdorf

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Treppelweg,
Aggsbach-Dorf
& „nextbike“-
station,
Dürnstein

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Narrow streets
&
Stone
pavement,
Dürnstein

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High water
levels,
Dürnstein

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Flood
protection
system,
Spitz

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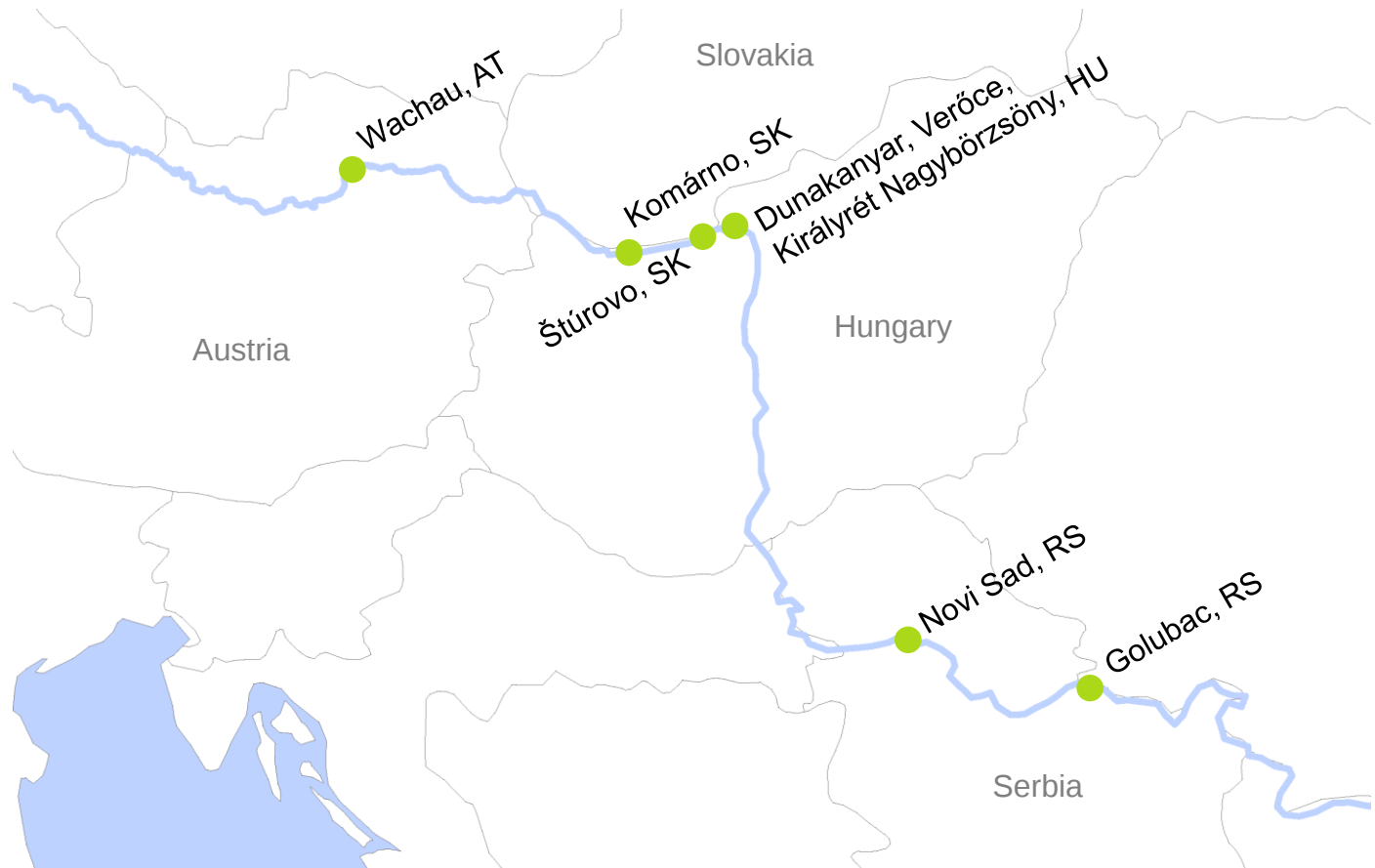
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Selected
examples with
similar
potentials as
the Wachau in
our home
countries

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Komárno,
Slovakia



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Komárno,
Slovakia

Harbour with
shipyard,
flood
protection wall
on the
peninsula,
cycle route and
promenade



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Komárno,
Slovakia

flood
protection wall
on the
peninsula,
cycle route and
promenade

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Komárno,
Slovakia

Harbour with
shipyard,
flood
protection wall
on the
peninsula,
cycle route and
promenade

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Komárno,
Slovakia

Dike before
peninsula
cargo harbour
between river
and town

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Štúrovo,
Slovakia



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Štúrovo,
Slovakia

Big railways
outside the city
(once used for
handling of
goods)

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Štúrovo,
Slovakia

Big railways
outside the city
(once used for
handling of
goods)

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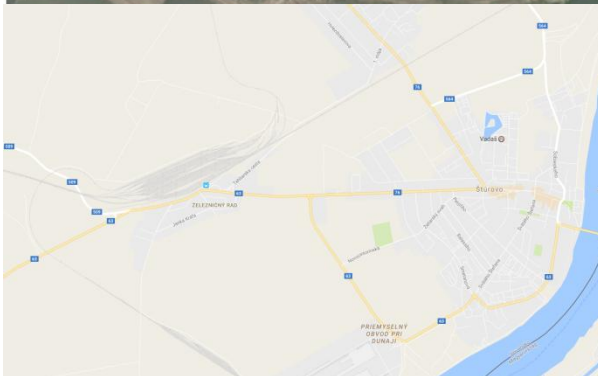
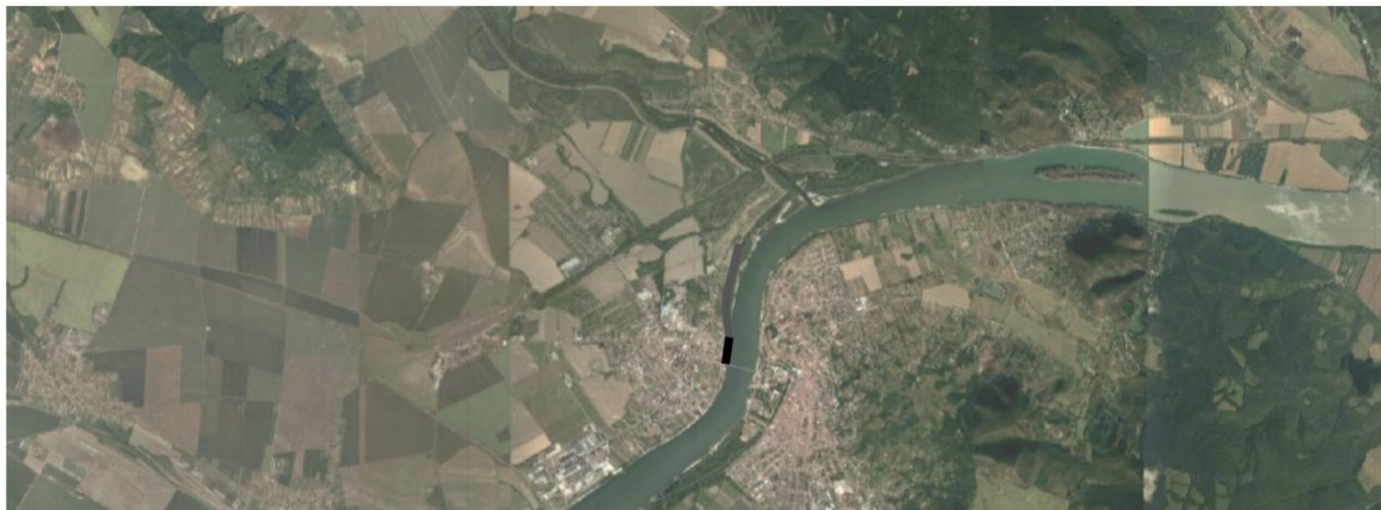
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Štúrovo,
 Slovakia

Big railways
 outside the city
 (once used for
 handling of
 goods)

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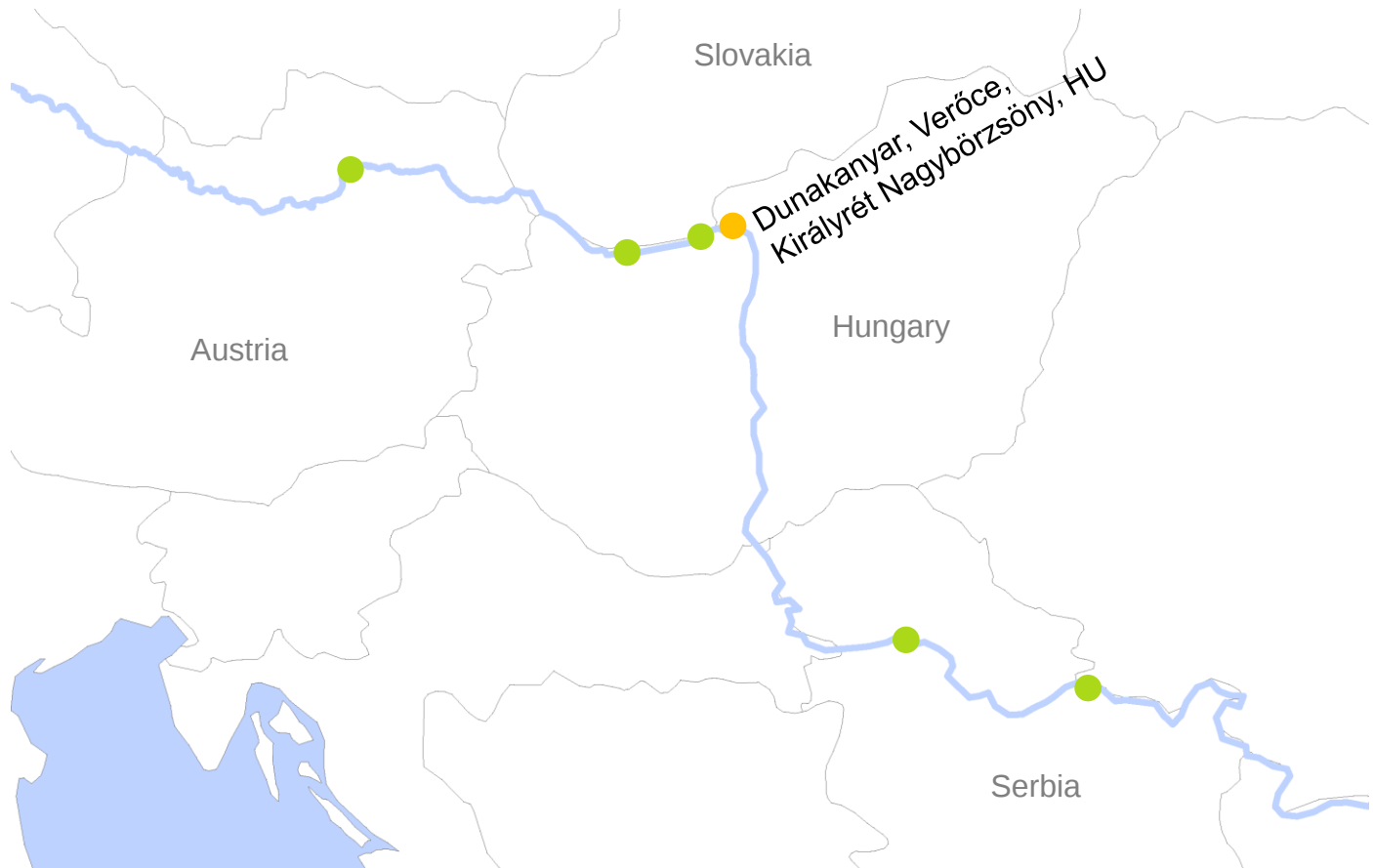
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Dunakanyar,
Verőce &
Királyrét
Nagybörzsöny,
Hungary

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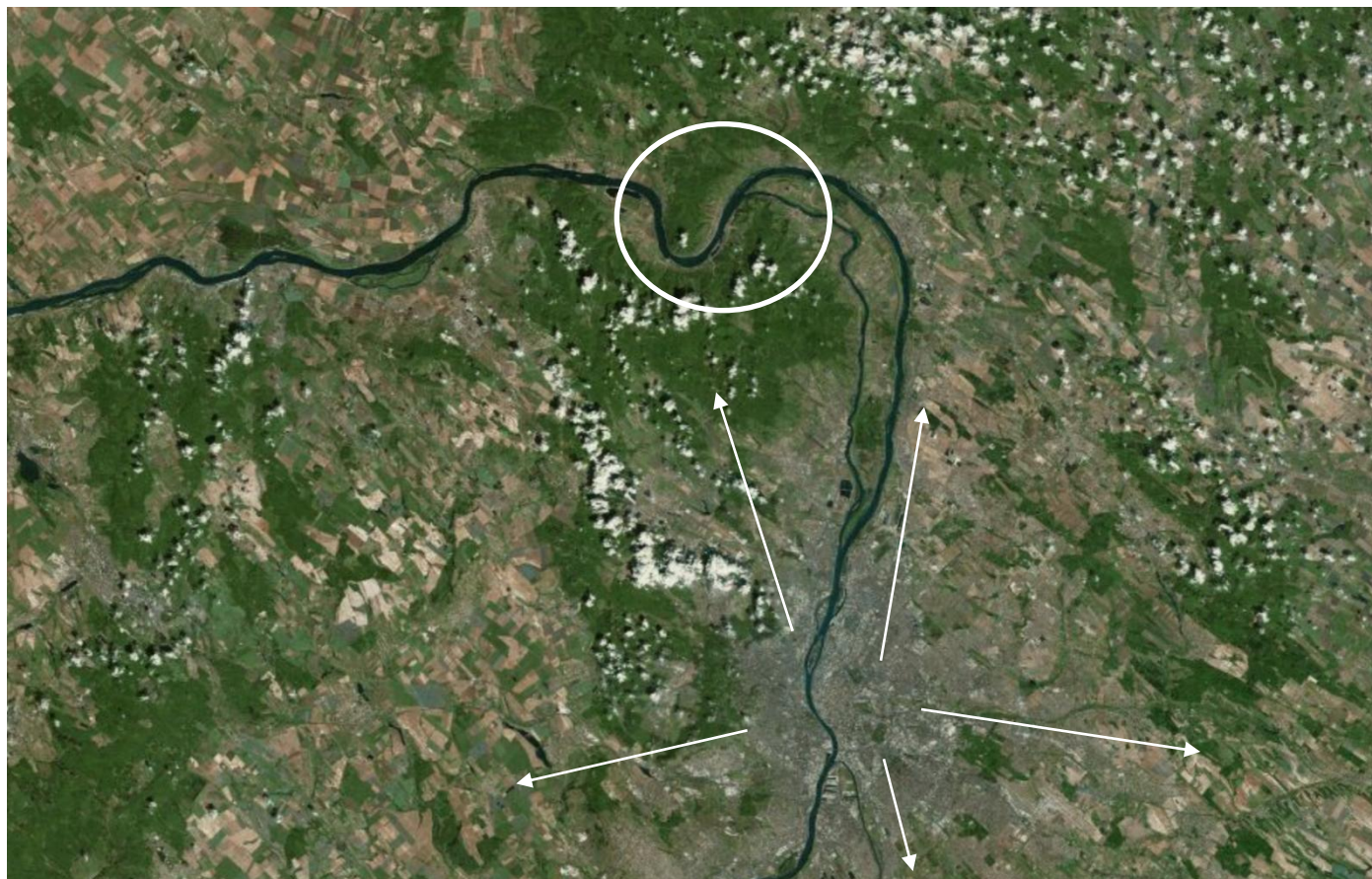
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Dunakanyar,
Hungary

Cultural
Heritage,
no connection,
no round route

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Dunakanyar,
Hungary

Cultural
Heritage,
no connection,
no round route

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Verőce,
Hungary

Lack of flood
protection,
railway
seperates the
city

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Királyrét
Nagybörzsöny,
Hungary

Little railway,
spreading area

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Királyrét
Nagybörzsöny,
Hungary

Little railway,
spreading area

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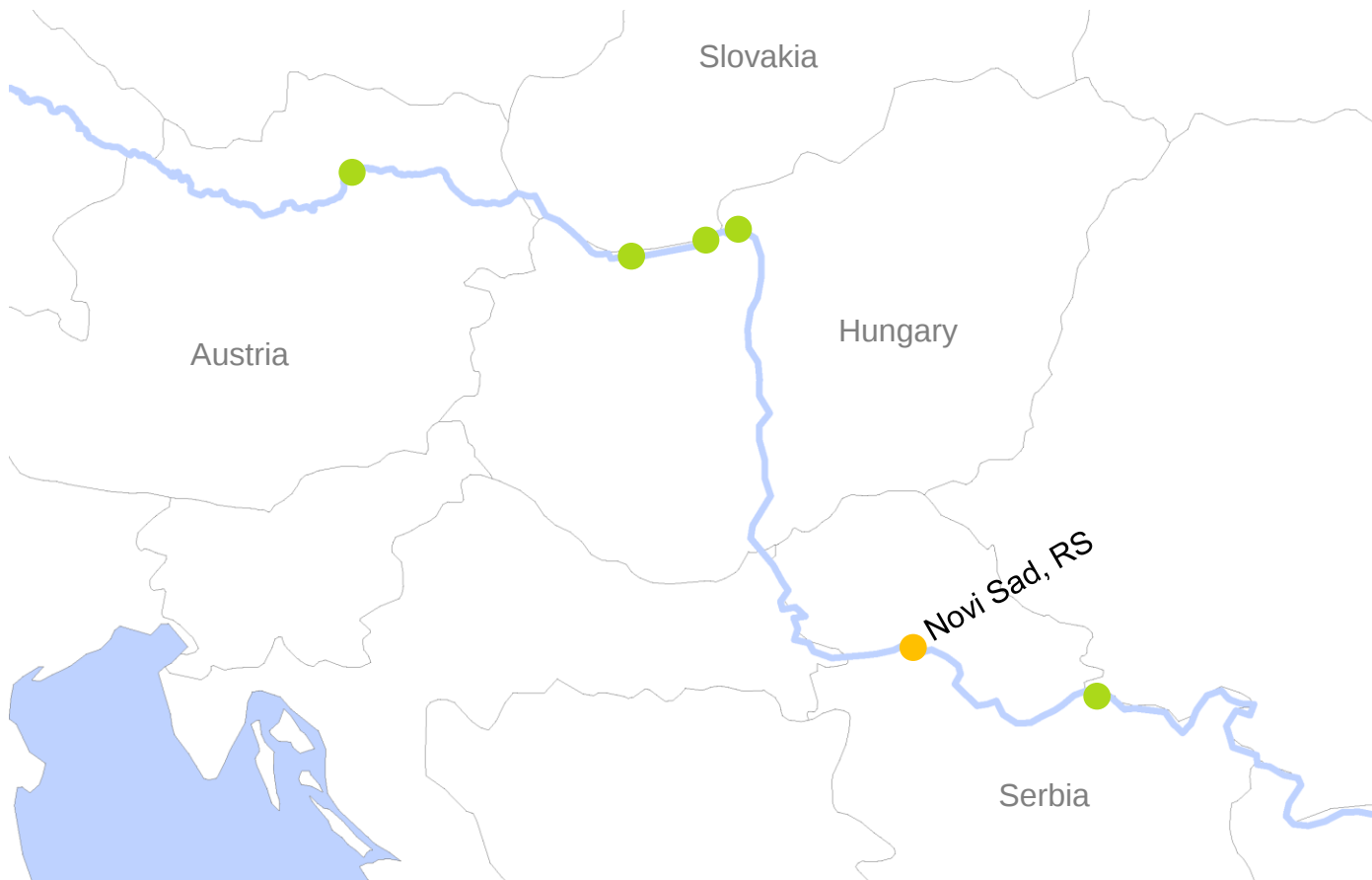
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Novi Sad,
Serbia

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Novi Sad,
Serbia

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Novi Sad,
Serbia

Cycle path

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Novi Sad,
Serbia

Flood
protection

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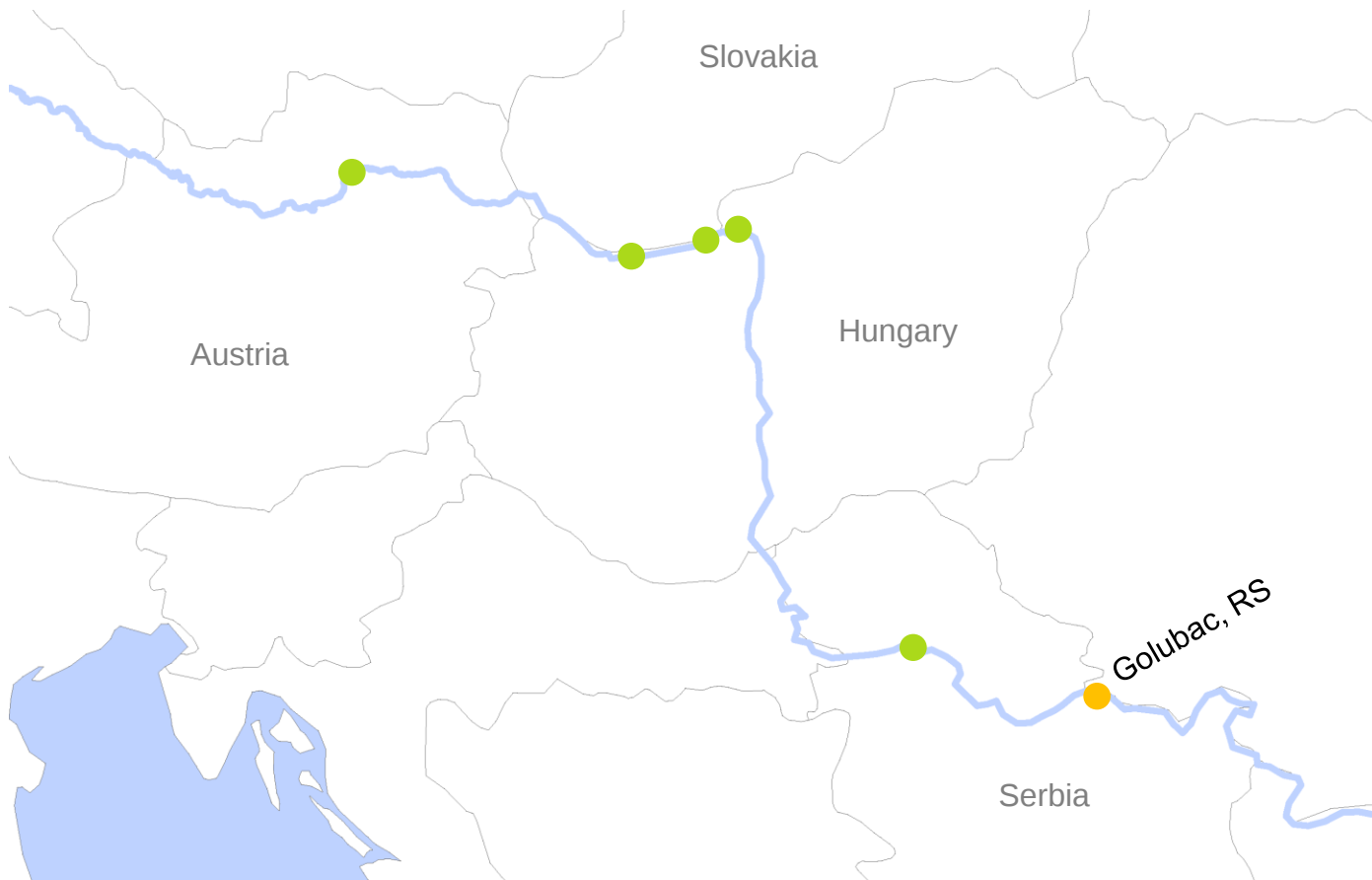
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Golubac,
Serbia

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Presentation of the students' research results

Golubac,
Serbia



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Presentation of the students' research results

Golubac,
Serbia

Flood
protection

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Presentation of the students' research results

Golubac,
Serbia

Riverside

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Golubac,
Serbia

Highway/
cultural
heritage

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Technical
Infrastructure

Positive
findings

Railway stations near the village centers

Existing bicycle infrastructure as bike paths and lanes,
well signposted

Transit traffic does not go directly through the villages
(left river bank)

Public bus lines along the Danube

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Technical
Infrastructure

Wachau-Bahn is only a tourist railway
> not fully accessible to people with walking disabilities

Improvement
potentials

Bus lines to the hinterland have no dense intervals

Medieval cities are not built for cars
> narrow streets, not enough space
> conflicts with tourists/pedestrians

“Historic” paving stones
> problems for walking disabled people
(wheelchairs, strollers, ...)

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Technical
Infrastructure

Future
scenarios for
research and
projects

Expansion of hiking and biking trails in the hills

Reinstate the Wachau-Bahn again as a public transport
or
Potentials for alternative uses of the railway station
buildings

Implementation of principles of
accessible cities / villages
> walkable cities
> car-free cities / car-free Wachau?

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- Slide 18 – Komárno, adapted, GIS-Data: geo, TU-Vienna; European Environment Agency, <http://www.eea.europa.eu/data-and-maps/data/wise-large-rivers-and-large-lakes>, 08.03.2017
- Slide 19 – Orthophoto Komárno, www.google.at/maps, 08.03.2017
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- Slide 21 – Orthophoto Komárno, adapted, www.google.at/maps, 08.03.2017 & Harbour with shipyard, Komárno, http://ahoj.komarno.sk/wp-content/uploads/2015/05/10845679_510283382452097_3112447567844558781_o.jpg, 08.03.2017

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- Slide 23 – Štúrovo, adapted, GIS-Data: geo, TU-Vienna; European Environment Agency, <http://www.eea.europa.eu/data-and-maps/data/wise-large-rivers-and-large-lakes>, 08.03.2017
- Slide 24 – Orthophoto Štúrovo, adapted, www.google.at/maps, 08.03.2017 & photo by Martin Dubiny
- Slide 25 – Orthophoto Štúrovo, adapted, www.google.at/maps, 08.03.2017 & photos by Martin Dubiny
- Slide 26 – Orthophoto Štúrovo, adapted, www.google.at/maps, 08.03.2017 & Map Štúrovo, www.google.at/maps, 16.03.2017 & photos by Martin Dubiny

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- Slide 27 – Dunakanyar, Verőce & Királyrét Nagybörzsöny, adapted, GIS-Data: geo, TU-Vienna; European Environment Agency, <http://www.eea.europa.eu/data-and-maps/data/wise-large-rivers-and-large-lakes>, 08.03.2017
- Slide 28 – Orthophoto Dunakanyar, adapted, www.bing.com/maps, 08.03.2017
- Slide 29 – Dunakanyar, https://cache.willhaben.at/mmo/4/195/613/734_-1738805540.jpg, 08.03.2017
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- Slide 33 – Novi Sad, adapted, GIS-Data: geo, TU-Vienna; European Environment Agency, <http://www.eea.europa.eu/data-and-maps/data/wise-large-rivers-and-large-lakes>, 08.03.2017
- Slide 34 – Orthophoto Novi Sad, adapted, www.bing.com/maps, 08.03.2017
- Slide 35 – Novi Sad, cycle path, <https://miskovicsserbian.files.wordpress.com/2013/01/novosadki-kej.jpg>, 08.03.2017

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- Slide 36 – Novi Sad, flood protection, http://www.mojnovisad.com/files/_thumb/600x400/news/3/6/5/8365/8365-09032016-pajtic-nasip-06.jpg, 08.03.2017
- Slide 37 – Golubac, adapted, GIS-Data: geo, TU-Vienna; European Environment Agency, <http://www.eea.europa.eu/data-and-maps/data/wise-large-rivers-and-large-lakes>, 08.03.2017
- Slide 38 – Orthophoto Golubac, adapted, www.bing.com/maps, 08.03.2017
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- Slide 40 – Golubac, riverside, photo by Ivana Savić
- Slide 41 – Golubac, highway/cultural heritage, http://img.index.hu/imgfrm/0/8/6/2/BIG_0014250862.jpg, 08.03.2017

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