Stadt-Umland-Management Wien / Niederösterreich

Metropolitan Area Management Vienna / Lower Austria

13.11.2013, R. Zuckerstätter-Semela

Initiated by the Länder Wien and Lower Austria

background

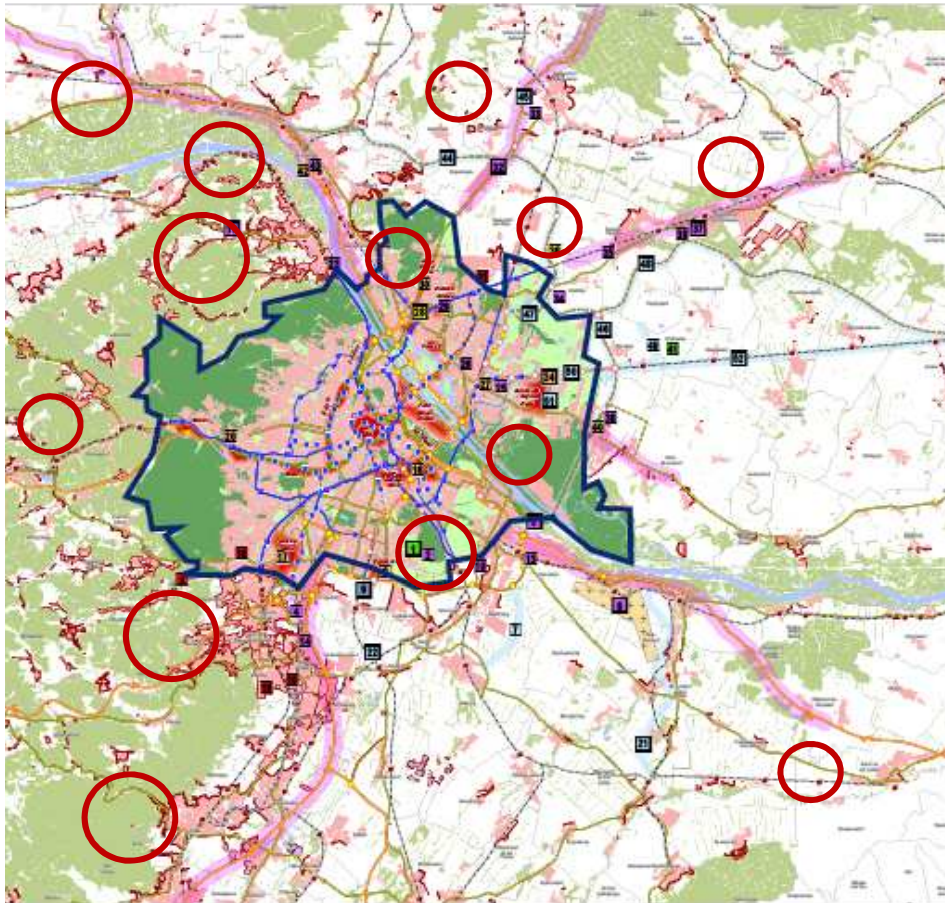
territorial structure and constitution

- Austria is a federal state consisting of 9 federal provinces *(„Länder“).*
- Vienna is both: *Land* („city state“) and municipality. It consits of 23 districts with their own councils.
- The Viennese territory is completly surrounded by the *Land* Lower Austria.
- Lower Austria‘s part of the agglomeration consists of approx. 60 municipalities belonging to 7 administrative districts.

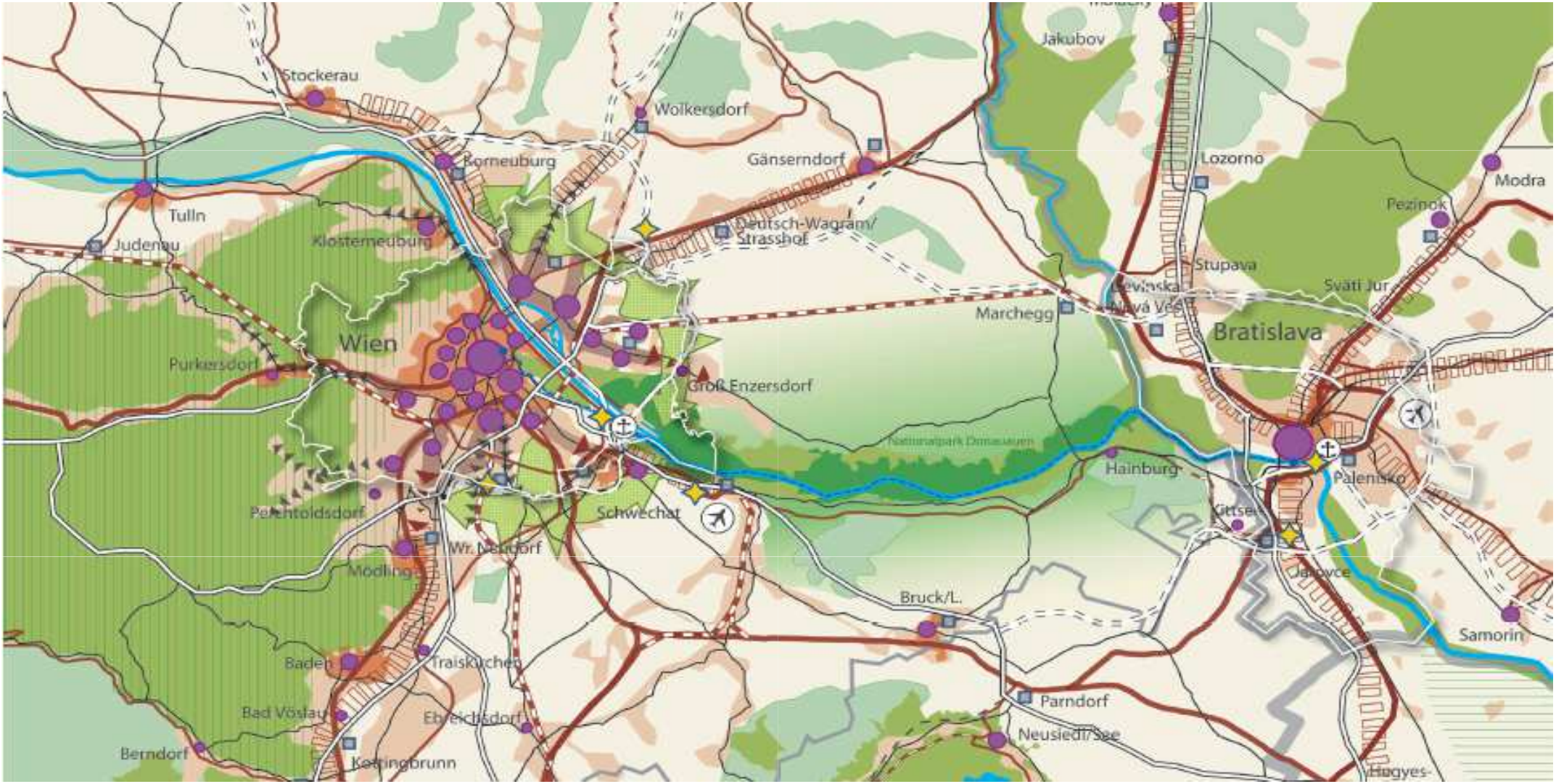
background

topology of the agglomeration

- metropolitan area with 2,6 Mio inhabitants
- Vienna (1,7 Mio) surrounded by 13 small towns (10.000 – 25.000), many small municipalities and large areas of precious nature and farmland
- radial structure, continuous settlement area along some axes (esp. to the south)
- twin-city region with only 60 km distance from Bratislava to Vienna



sum
stadt-umland-management
wien/niederösterreich



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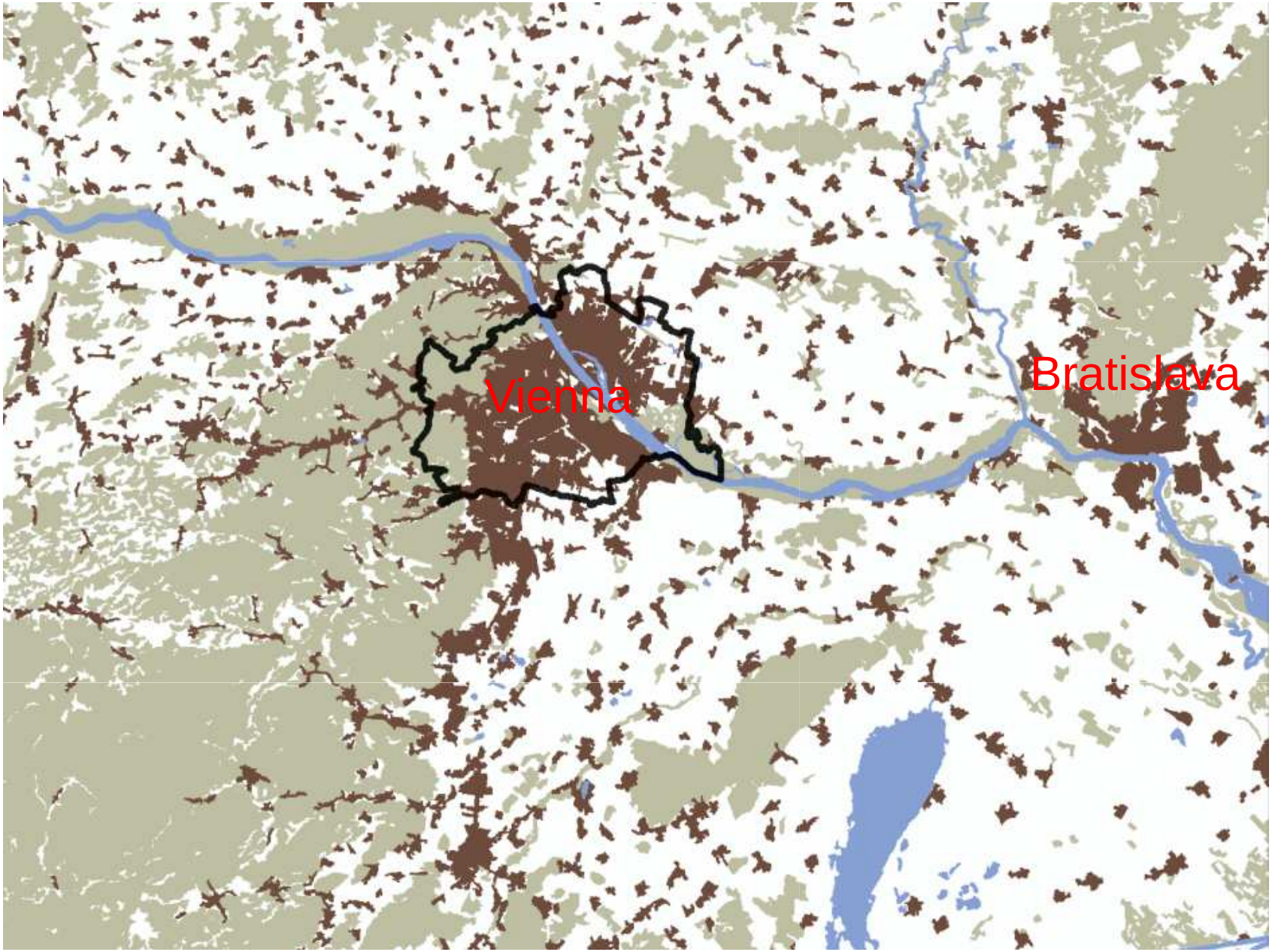


challenge

Gordian systemic environment

- highly functional integrated agglomeration; territories and bounderies outlived the change of time
- high pressure of migration, settlement, traffic, cost, power efficiency …
- rapid growth: estimated plus 350.000 inhabitants in 2030
- challenges regarding congestion, transport, urban sprawl, structural change in economy, provision of social infrastructur, sealing of soil, energy supply, housing market, landscape protection …

challenge

Gordian systemic environment

- protection targets versus development goals; sustainability versus unbounded consumption of ressources
- highly complex political, administrative and financial structures; diverse allocated ressources
- complex system of public financies, exciting balance of political power
- „coopetition“ as the predominant relationship of municipalities

challenge

Common Requirements

- The context of people‘s daily life of course takes place without perceiving the internal frontiers.
- People expect the agglomeration as a whole to function properly.
- Investors appreciate an efficient „Vienna Region“. The agglomeration as a whole competes with other global metropolitan areas.

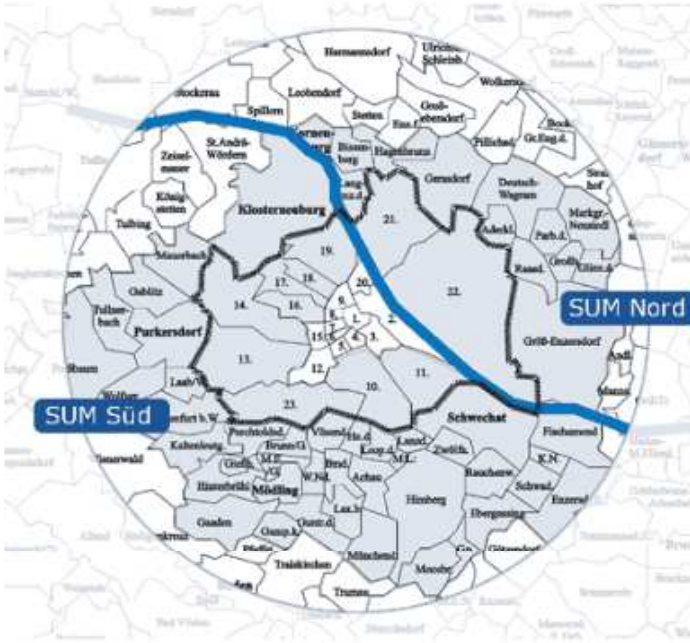
Anyway there is …

- … need for enhanced cooperation of stakeholders in the field of spatial development, mobility and energy

approach

Stadt-Umland-Management Wien / NÖ

- Joint Initiative of the provincial governments of Vienna and Lower Austria
- Members of the provincial governments in charge of spatial planning and regional development as „political heads“
- Steering comitee with administrative and political representatives
- Budget: approx. 200.000 € - aliquot Vienna/Lower Austria
- Clear focus on spatial development issues



terms of reference

Task Fields

- Cooperation and Intermediation
  - → activating the cooperation and harmonization of the involved Lower Austrian communities and Viennese districts and the two Länder concerning regional planning matters as well as specific projects
  - → mediating controversial cross-border issues
- Plattform of Information
  - → serving as a plattform for information about topics of regional relevance
  - → organising sincere exchange of thoughts among the stakeholders with a fokus on establishing an all-inclusive vision of the agglomeration
- Incentive and Management
  - → designing solutions for cross-border challanges together with the stakeholders to create added regional value

interdisciplinarity

and Networking

The Agglomeration is in the need of coordinated approaches and cross-linked thinking regarding …

… settlement policy and mobility,

… landscaping and engery supply

… infrastructure and business location policy,

… integration and spatial development,

… environmentalism and climate protection,

issues

Settlement, Mobility, Location Policy

Strategy for spatial development of the growing Agglomeration -
a sustainable structured region

- with development axes, poly centric and complementary facility areas
- with strong centres
- with moderate dynamic in the fringe and in between areas
- with compact and traffic reducing settlement structures, with good quality concerning infrastructure and public transport
- to promote an ecologic and economic balanced balanced development:

  <u>prior focus on high potential areas</u>

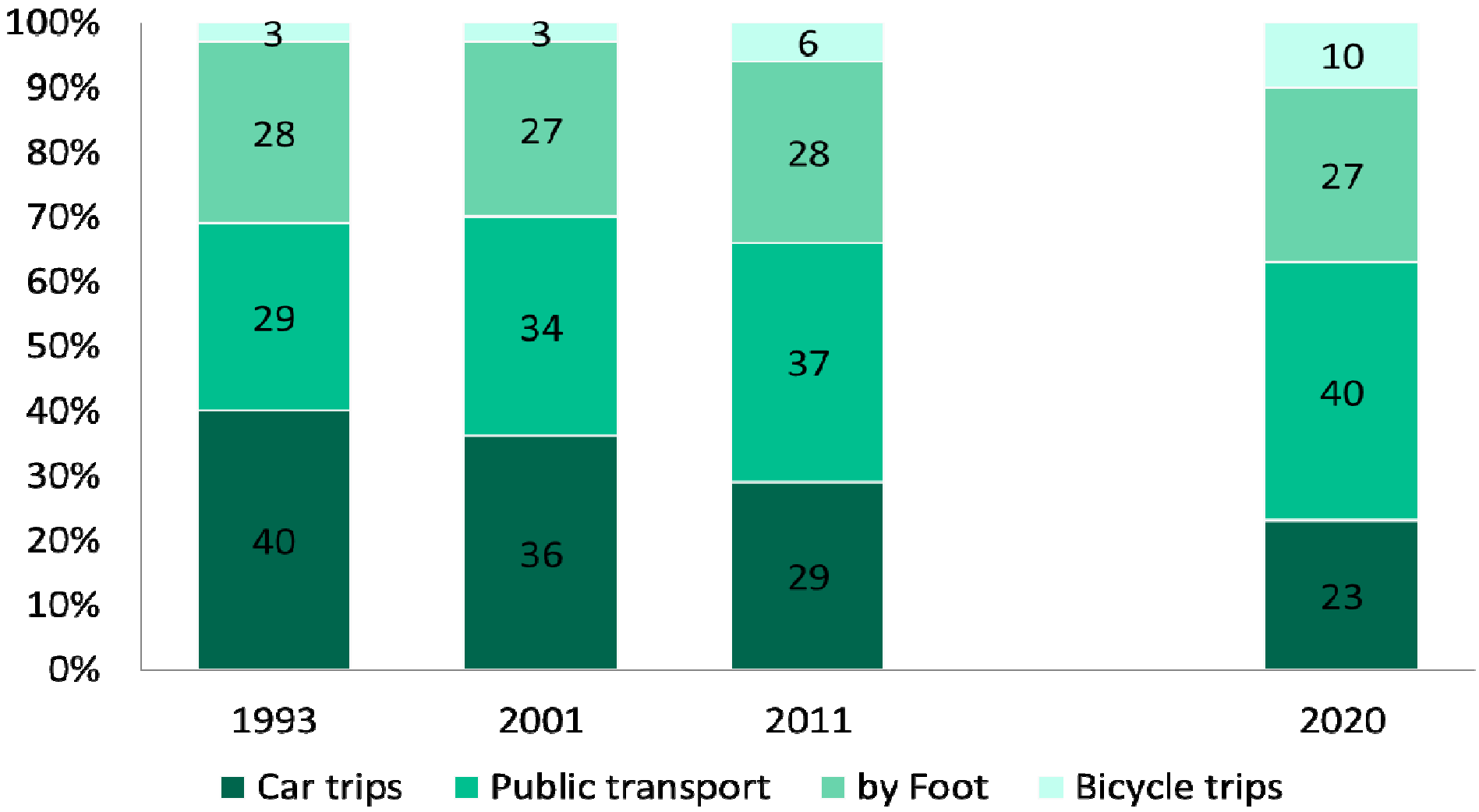
  … established by the Länder Vienna, Lower Austria and Burgenland

issues

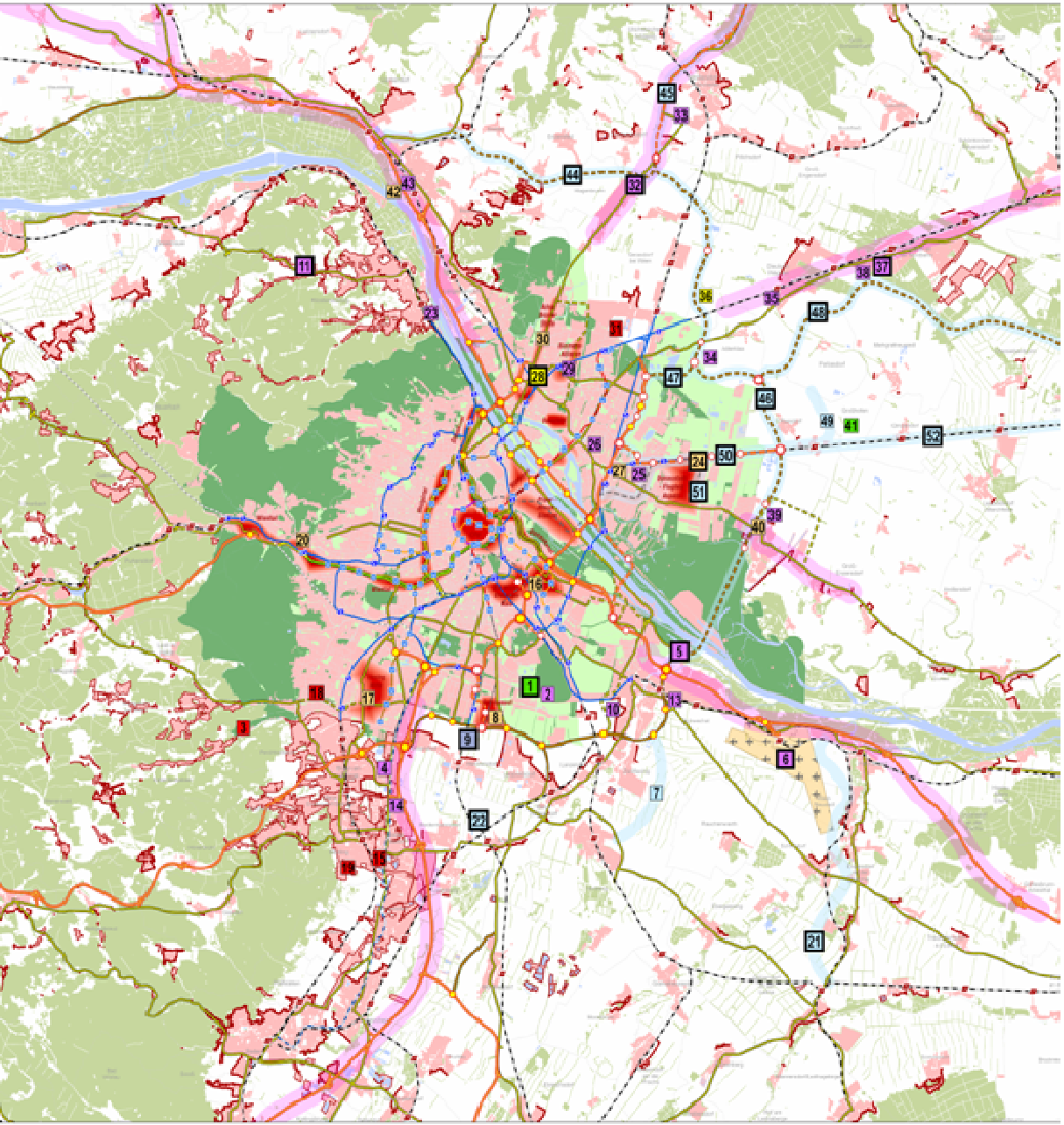
Traffic,Transport, Sustainable Mobility

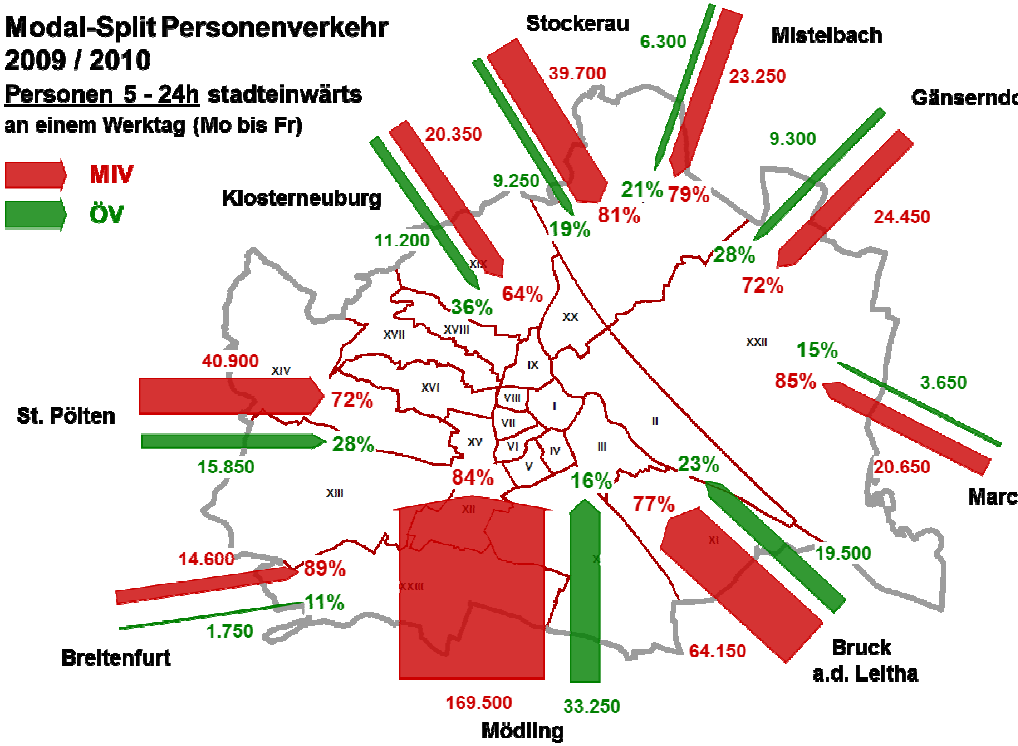
- close collaboration with VOR (Transport Co-operation East) in the matter of management of regional mobility, public transport and sustainable mobility
- try to prevent congestion by sustainable spatial planning
- elaborate clever regional solutions for each mode of mobility
- prepare for a diverse future – supporting different technologies
- facilitate a change in behaviour
- use the potential of renewables in public transport – create regional energy partnerships

Modal Share Development
City of Vienna



Modal Share Cross-Border Traffic





mobility initiatives

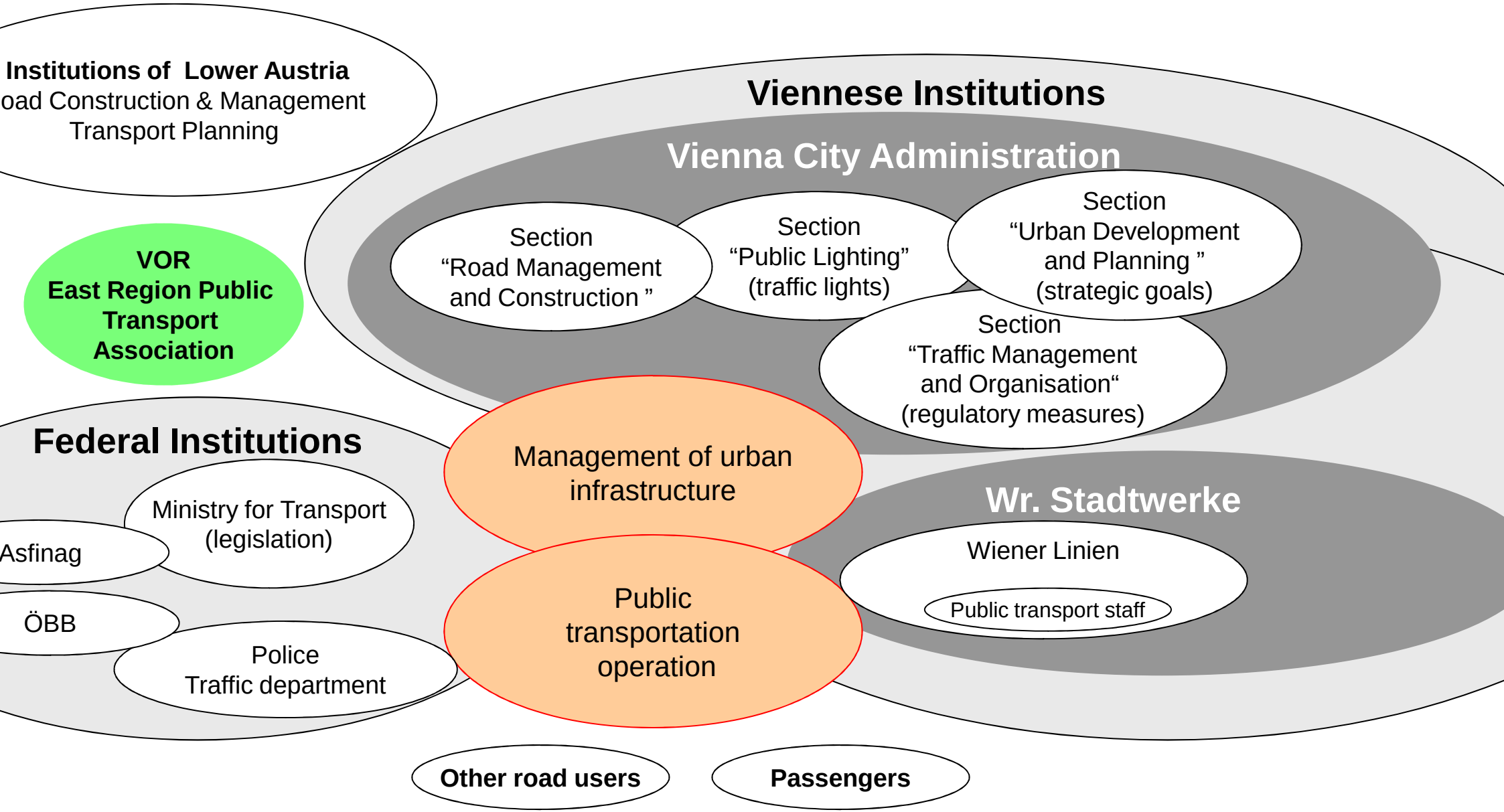
Recently done:

- New Western Railway, Extension of Underground U2
- Public Transport in Vienna for 1 € a day (jearly ticket)
- Modernization of each railway station
- Extension of area regulated by parking management in Vienna
- First steps towards jointly financing (f.e. Park & Ride Facilities)

Under construction:

- Smart City Framework Strategy Vienna, Urban Plan Vienna 2025 and Masterplan Mobility
- high-level infrastructure (Vienna Main Station, VIE-Airport 3rd Runway, Outer Ring Highway Vienna, Underground Extension, Cycling Initiative

mobility institutions



Verkehrsverbund
Ost-Region

Verkehrsverbund Ost-Region (VOR) GmbH
Public Transport Authority Eastern Region

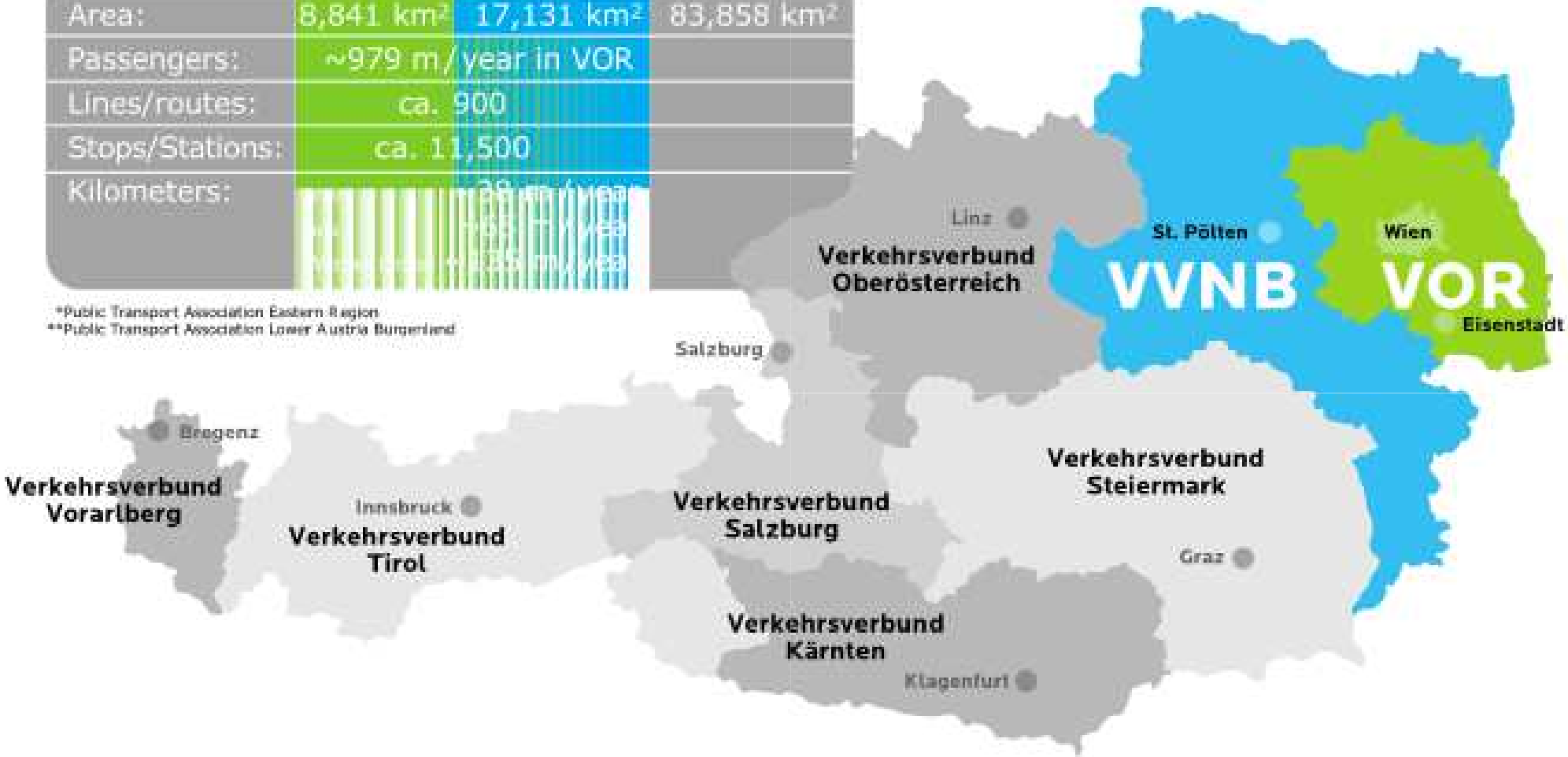
Besser unterwegs

VOR Verkehrsverbund Ost-Region

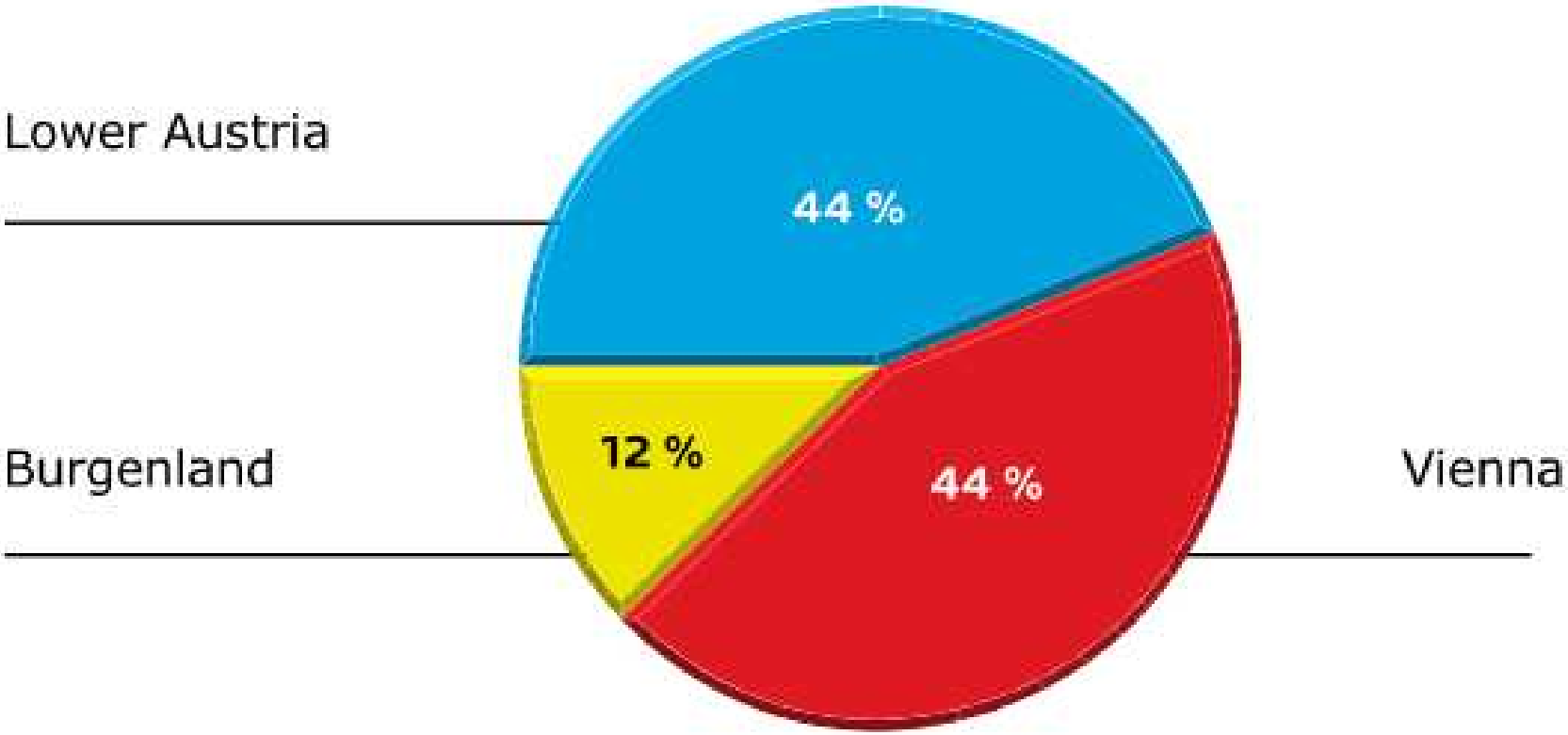
Public transport authorities in Austria

	VOR*	VVNB**	Austria
Inhabitants:	2,60 m	1,10 m	8,07 m
Area:	8,841 km²	17,131 km²	83,858 km²
Passengers:	~979 m/year in VOR		
Lines/routes:	ca. 900		
Stops/Stations:	ca. 11,500		
Kilometers:			

*Public Transport Association Eastern Region
**Public Transport Association Lower Austria Burgenland



- **First and biggest transport authority in Austria**
  (Founded in 1984)
- **Sharholders** (company costs split by share)



VOR Verkehrsverbund Ost-Region

Organisation

- **Private company with limited liability according to Austrian law (GmbH)**
- **Partners** (Railway and bus operators)

Wiener Linien

Wiener Lokalbahnen AG

Österreichische Bundesbahnen – ÖBB

WESTbahn

Raaberbahn

Niederösterreichische Verkehrsorganisation-gesellschaft

12 regional bus operators (different sizes)

VOR
Verkehrsverbund Ost-Region

Basic agreements

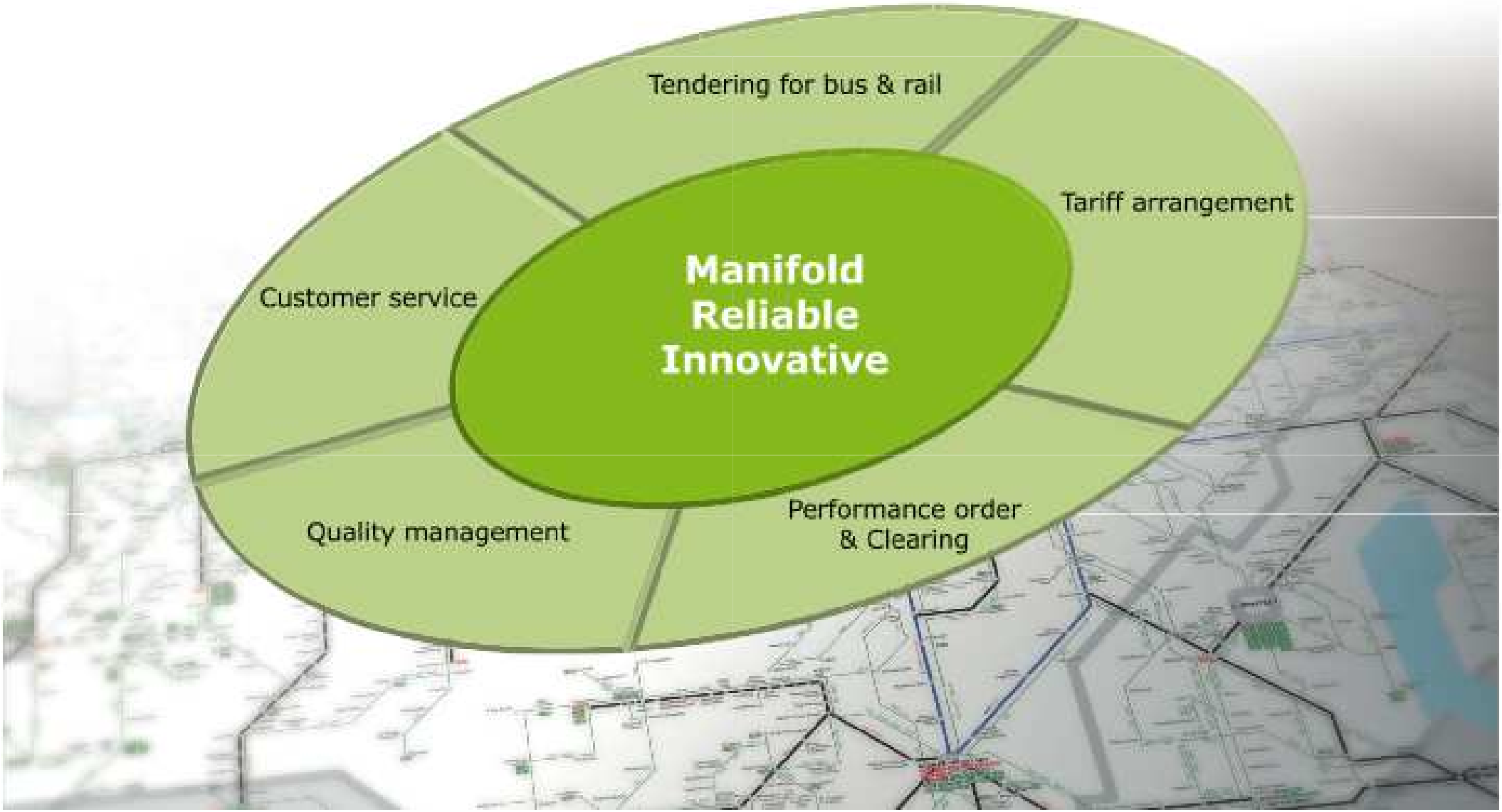
- **Partnership agreement**
  Signed by Vienna, Lower Austria and Burgenland

- **Master and Financing Agreement**
  Defines the responsibilities of the VOR company and its financing;
  signed by Vienna, Lower Austria and Burgenland

- **Agreement for the Distribution of Revenues**
  Distribution of the revenues between the VOR partners (transport companies), signed by the transport companies and VOR in the name of the regional bus companies

- **Cooperation and Performance Agreement**
  Defines the commissioning of bus services (payment, general conditions)

Competences



VOR Verkehrsverbund Ost-Region

Tasks simply put

- **Support**
  We support transportation companies, municipalities, shareholders and politics regarding the planning and realization of PT offers and services

- **Connect**- We connect transportation companies establishing one system that guarantees efficient mobility at low cost for our population.

- **Inform** – We inform people and the media about PT offers and services and therefore create individually optimized design of mobility.

- **Move** – We move, on the one hand, by ordering and financing specific services; on the other hand, we plan and develop new concepts for a sustainable, customer-friendly and environmentally friendly offer in a competent and dedicated way.

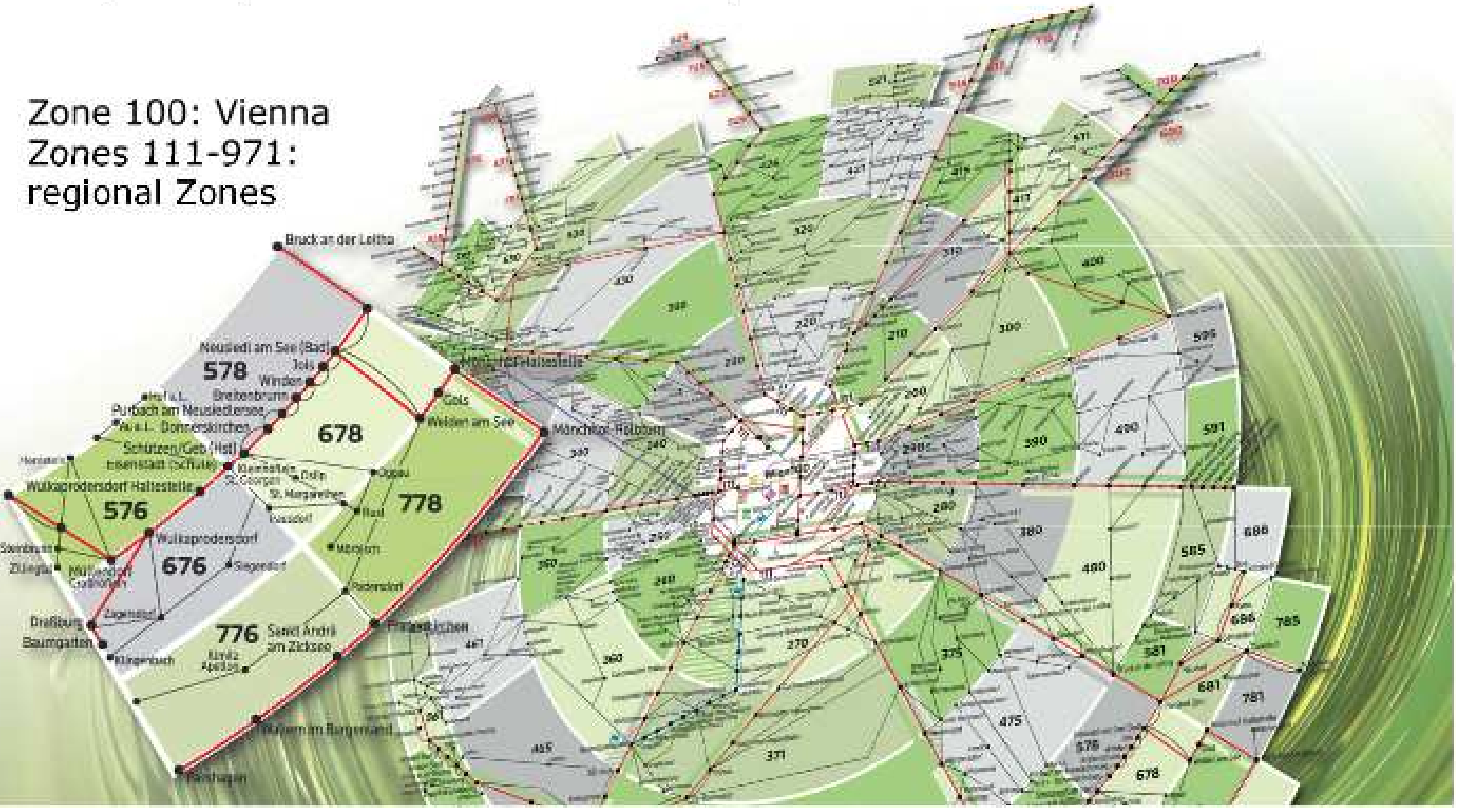
Besser unterwegs

VOR
Verkehrsverbund
Ost-Region

VOR Tariff System

The price depends on the zones that are passed

Zone 100: Vienna
Zones 111-971:
regional Zones



qando – when, how, where

- Timetable info and routing
- Real time monitoring
- Mobile ticketing
- City info
- News
- Dysfunction information

- Further traffic information on PT & IT is offered by the mobile service A nach B .at

VOR Verkehrsverbund Ost-Region

Widening the range of services offered

Rail

- Partial launch of Vienna Main Station (new bonds)
- Launch of the new line Vienna - St. Pölten (Tullnerfeld)
- New REX200 trains
- Densification of existing lines
- Interval densification of the suburban line S45

Bus

- Tenders of 5,37 million km bus services (2009 - 2012)

Infrastructure

- New construction of the station Tullnerfeld
- 500 P&R-spaces
- 100 B&R-spaces
- Expansion of P&R facilities in Lower Austria

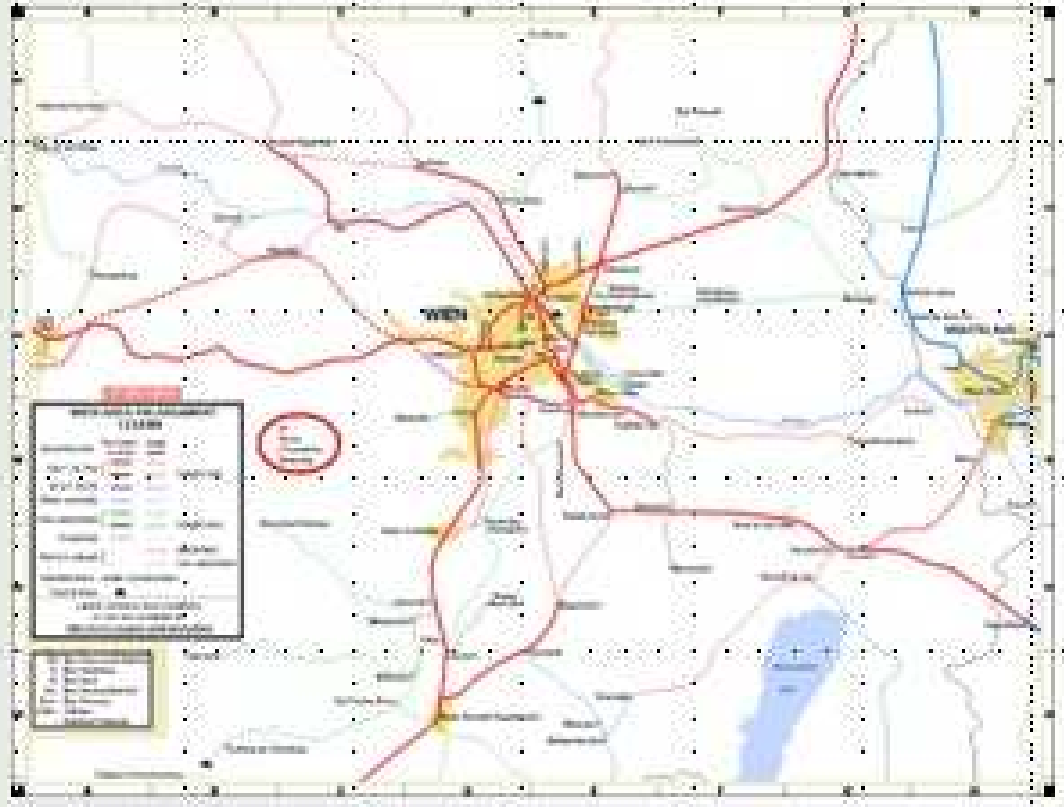
Tariff measures

- Pilot project "Top-Jugendticket"
- Annual Pass for € 365 in Vienna (May 2012)

RENEWABLE ENERGY IN TRANSPORT

PROGRESS IN THE VIENNA METROPOLITAN REGION

E-Mobility in Vienna since 1897
(first electrified tram line)



Photographer: Martin Ortner, Vienna, Austria Source: wikipedia, CC

92% of electricity demand of the national rail system are supplied from renewable energy sources, mainly hydropower

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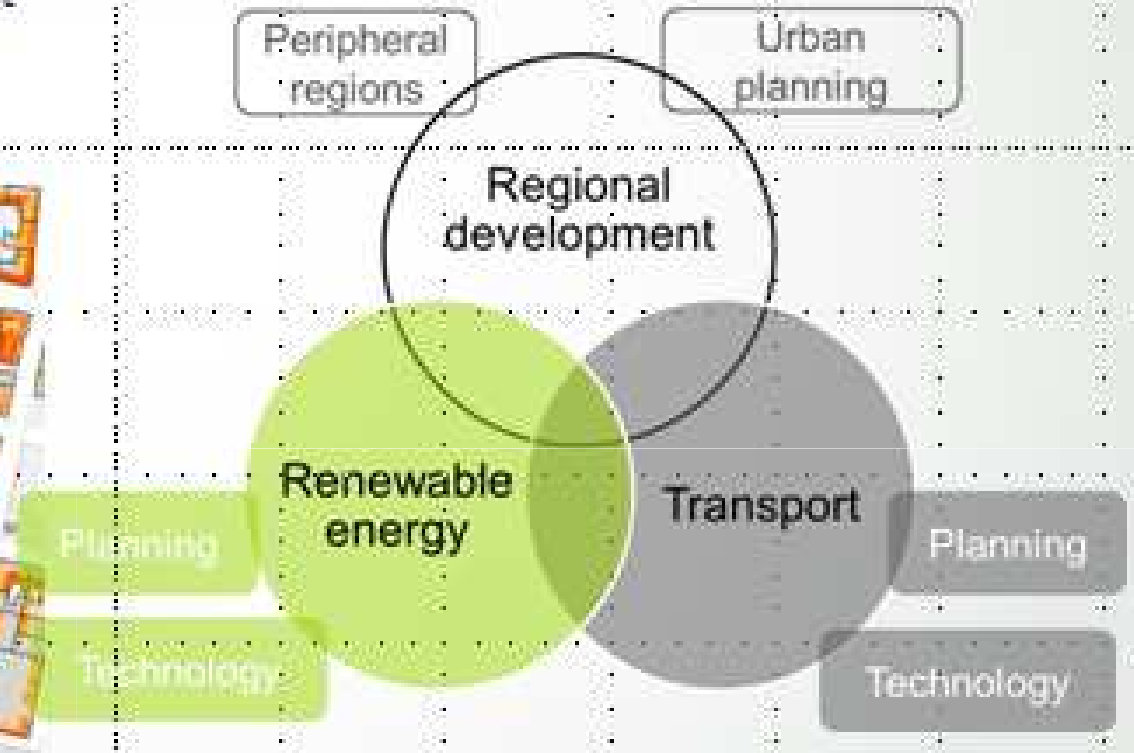
RENEWABLE ENERGY IN TRANSPORT

CHALLENGES IN THE VIENNA METROPOLITAN REGION

- *Generate enough renewable Energy for the demand in the whole MR*
- *Facilitate use of RE in transport*



www.stadt-umland.at

Initiated by the *Länder* Vienna and Lower Austria