Austrian Business Circle
City of Belgrade
Infrastructure Projects

Siniša Mali, PhD CFA
Mayor of Belgrade

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Beograd na vodi

Belgrade Waterfront Development

- Eagle Hills Abu Dhabi to begin construction in 2015 on the main tower (hotel, commercial and residential space).
- World-renowned architects engaged
BELGRADE METRO SYSTEM

- In 2002 and 2005 France financed a study on the **General Concept** for the Design of our Métro (ÉGIS).
- Due to demographic change in population must update to a **Master Plan**.
- **Three Phases of Construction**
  - **3-year completion** for each phase, total construction time: ~9 yrs
- Compatibility with existing BG:Voz suburban-urban rail and entire public transport system has been envisaged.
- **Value of Investment** **EUR 2.2B**: to be defined once detailed Métro Design Plan is completed
Belgrade Métro

Belgrade Metro System

- Métro development defined by SMART or Master Plan of the entire citywide transport system.
- Defines development of entire transport network (roads, bridges, tunnels) and public transport systems for 2021, 2027 and 2031.
- SMART plan to be completed Q3 2015
- Phase I: by 2021- first line of the Belgrade Métro
- SMART plan to be financed in part by EBRD TC funds
To complete SMART plan must prepare:

1. **Passenger counts and surveys of public transport system users** (by 2/15)
2. Development of **Public transport network** lines of passengers: 3/15 to 6/15
3. Updated **Transport Model with traffic flow** characteristics: 2/2015 to 7/2015.

Includes counting traffic, surveying households, updating data on road traffic movements and municipal public transport lines.
Waste to Energy Plant

VINČA WASTE MANAGEMENT AND WTE PLANT

Belgrade adopted a Waste Management Plan and will build a zero waste concept. WM Plan defines a system involving:

- Separate collection of waste,
- Recycling of all recyclables,
- Landfill remediation
- Processing via mechanical-biological treatment MBT of organic waste,
- Production of refuse derived fuel RDF and its use in production of combined heat and power CHP, and
- Recycling of demolition and construction waste, and
- Composting of green waste.
Waste to Energy Plant

Value of WtE Project is ~EUR 250M
CoB will structure PPP deal with the IFC, and project is well-advanced. The Vinča WM project is generating strong investor and IFI interest. International tender process will be fully transparent and accessible for all major companies, beginning in the spring of 2015.
The Directorate for Waste Management of the City of Belgrade, Secretariat of Environmental Protection is leading the discussions with potential investors. The WM Directorate has had more than 30 discussions. More than four Austrian companies have shown interest.
16 parking garages to be built over a four-year period in the center.

PPP transactions to be structured.

In 2015, following an international tender supported by EBRD, will select private partners to invest in construction of ~4 garages.
Underground Garages

Underground parking garages to be built on these sites:

- **Djeram Pijaca** (Major Green Market)
- **Kosovska St.** (The National Assembly)
- **Skerlićeva** (The National Library)
- **Studentski Trg** (University Quadrangle)
EBRD funding to complete the Makiš II water pipeline expansion and reconstruction - will increase water supply and enable new filtration capacities.

Municipal water supply and sewage network will be a strategic investment for many years to come.

Very strong investor and IFI interest
Five WWT Plants to be built, and interceptor to be completed.
Investment value: ~EUR 181M
Waste Water Treatment Plants
Five WWTPs to be built:
1. Veliko Selo (84M)
2. Krnjača (10.8M)
3. Bolečki sistem – Vinča (3.7M)
4. Batajnica (16.5M)
5. Ostružnica (5.5M)
Investment value: ~EUR 120.5M

Sewerage System
Network
Collectors (Interceptor to be completed)
Pumping stations
Investment value of EUR 886M
Total value of investments: ~EUR 1.0B
ESCO Investments

District Heating
By-law introduced to allow ESCO financing as a model for investment in the district heating and/or cooling sector.

Municipal water supply and sewage network also a potential sector for ESCO transactions.
ESCO Investments

Public Street Lighting

Plans to work with private partner to light suburban-urban areas. Technical cooperation funding is needed now.
Belgrade has vast low-temp geothermal GT sources of energy. Can be used for district heating/cooling and energy production. 2,000 MW+ of GT energy can be produced in Belgrade alone.
Public Utility Company Beoelektrane (district heating) wishes to develop GT projects working with Prof. Dejan Milenić, leading geothermal expert in the region.

Undeveloped districts residential potential: Karaburma, Kotež, Krnjača n/w

Other potential investments: Sludge cleaning from waste water

Capex investment of: EUR 1M

Continual Monitoring of Harmful Gas emissions in Generation Plants of 50MW+ capacity (per EE Dir IPPC). Investment value: EUR 2.5M
Central Bus Station

New Central Bus Station on Novi Beograd

- Main Station to be moved from City center to spacious New Belgrade, near suburban-urban rail connections.
- Alleviates heavy traffic congestion, increases mobility.
- Detailed Urban Plan being prepared.
- Land ownership being defined.
- Will seek private investors once complete.
- Construction deadline: 2017
Central Train Station

- Existing central train station to be moved to the “Beograd Centar” (Prokop) area, per requirements of Belgrade Waterfront Development.
- Prokop is located at the entrance to City Center, between Senjak and the E-75 Hwy.
- Total investment: ~€25M
- To be completed: 2016
Passenger and Cargo Terminals to be constructed.
Analyzing regional privatization models, involving PPP or PFIs.
National Air Carrier: Recent sale of JAT minority stake to Etihad who has added new routes and fleet.
Expansion of existing Suburban-Urban rail is planned in III phases. Seeking funding from investors (and IFIs) to expand the entire commuter rail network (new stations, parking lots, etc).

- **Phase I**: ~ €13M
- **Phase II**: €12M-€14M (mid-2015) 15 km
- **Phase III**: 45 km – connecting the south suburbs
The existing commuter line spans ~25km from the City Center (Pančevo Bridge) to Batajnica, a suburb in which there are several large Co’s. with a rapidly growing population.

Current ridership: 34,000 passengers daily
Current delays: 3 seconds on average
In 2014, JAT re-branded to **AIR SERBIA**

**Results:** +82% increase in passengers during first 8 months

Direct transoceanic flights to Beijing, NY, Toronto planned in 2015
Visit Belgrade

The City Hall of Belgrade is working hard to better your experience in our City.

Our doors are open for both business and cultural events.

We hope to see you soon.