MUNICIPALITY OF TIRANA

Directory of Strategic Projects

May 14, 2014

ENERGY EFFICIENCY - TIRANA

ENERGY EFFICENCY AND STRATEGIC PROJECTS

1.Energy Efficiency

- SEAP
- Energy Efficiency Office

2. Strategic Projects

- TNBRP
- TPTT (Tirana Public Transport Terminal)
- LRT (tramway lines)
- Tirana Lighting Project
- Integrated Management of Urban Waste
- Urban Block Riqualification

Analysis of energy consumption City of Tirana

Building Sector

(Analysis of electricity and thermal energy consumption)

- Buildings owned by the City;
- Residential Buildings;
- Commercial and Service Buildings;

Transport Sector

(analysis of fuel consumption)

- Municipal fleet;
- Public transport;
- Private and commercial vehicles;

Lighting Sector

(Analysis of electrical consumption)

- Structure of the public lighting network;
- Type of light sources;

SEAP of the City of Tirana

- SEAP is completed;
- Approval of City Council;
- The Energy Efficiency Office;
- The second phase of NEEC for monitoring;

Strategic Project

TNBRP (Tirana Northern Boulevard and River Project)

Results:

- Extention of the Boulevard as the Spine of the City;
- Urban Living Rooms: where the citizens can enjoy new urban public spaces.
- Tirana River Park and the River Crossing: as an accessible public recreation area.
- The Paskuqan Park: a major new green area for the citizen of Tirana, a counterpoint to the Southern Park.

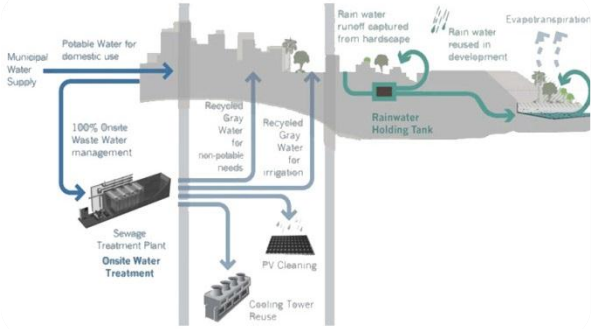
Financing: Abu Dhabi Funds for Development (with value 26 mln Euro)

Actual status: under construction

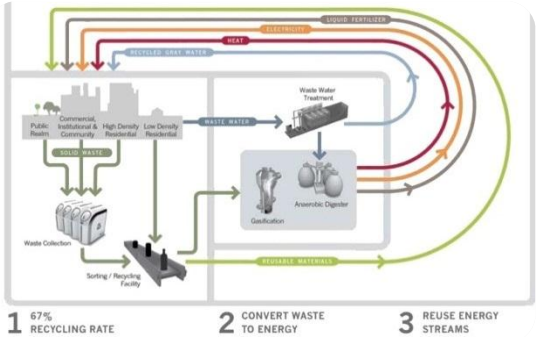
Strategic Project

TNBRP (Tirana Northern Boulevard and River Project)

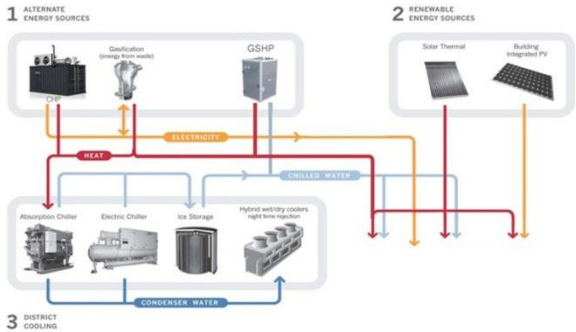
-Alternative Water Resources



-Waste Management Strategy



-Integrated system of environmental pollution



Strategic Project
TPTT

Strategic Project

TPTT (Tirana Public Transport Terminal)

Result: The construction of Tirana Public Transport Terminal will:

- Solve an urban transport deficiency in the City;
- Improve overall mobility;
- Reduce of traffic congestion in the city center;
- Improve air pollution and reduce fuel consumption for public transport;
- New employment opportunities.
- Financial analysis IRR=16% dhe NPV= 76,13;
- Annual no of passanger 11,3 mln pass/an transiting terminal.

Financing: EBRD funds

Actual status: The “Feasibility Study and Concession Tender Preparation Support” is completed. The MoT on May 2014 will start the bidding phase for Concession Contract which will be a PPP scheme with DBOT (Design Build Operate Transfer).

Strategic Project

Tirana LRT (Light Railway Transport)

Line 1 "South-North (Mother Teresa Square-City-Multimodal Terminal)

-length of 7.2 km

- approx. 40,000 pass/day.

Line 2 "East-West (Kinostudio-Kombinat),

-length of 9,5km

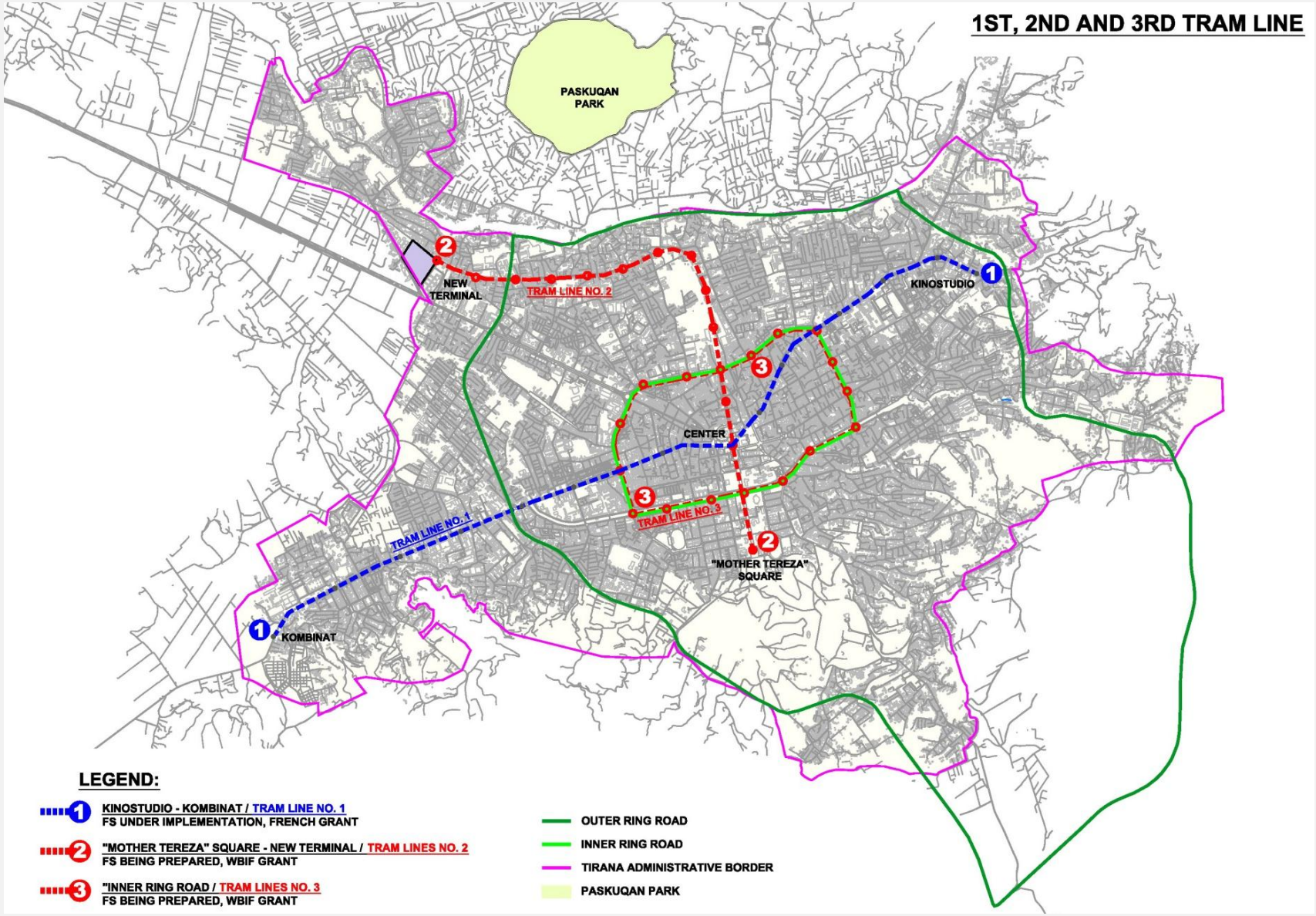
-approx. 43.000 pass/day.

Line 3 "Inner Ring Road"

-length of 8 km

- approx. 54.000 pass/day.

Strategic Project
Tirana LRT



Project Description
Tirana LRT

Result: The expected outcomes (benefits) to be achieved are:

- Environment: Reduced noise and emissions and improved air quality in the city of Tirana.
- Economic: Less traffic accidents, reduced travel times, reduced vehicle operating costs and road maintenance costs.
- Public Transport: Better accessibility for the users, increase of public transport means' average speed, increase of efficiency and comfort.
- Social: Reduced travel times leading to increased productivity and increased accessibility.

Period time: **Approx.** 36 months

Financing: French Authorities (FASEP) with value 719,000 Euro.

Actual status: The Consultant "EGIS International" has completed the "Feasibility study of the Tirana Light Rail System for the Line 2", East-West (Kinostudio - Kombinat).

Strategic Project

Tirana Lighting Project

Tirana Lighting Project

Results:

- Reduce Energy Consumption about 45%;
- Improve Light Quality;
- Improve Energy Efficiency (Reducing Energy Costs);
- Improve Operation Efficiency (Reducing Maintenance Costs);
- Reducing Carbon Footprint;
- Infrastructure for the Future Digital City Management.

Strategic Project

Urban Block Rehabilitation

Strategic Project

Urban Rehabilitation Block

Project Description

Urban Block Rehabilitation Project

The Urban Block Rehabilitation aims to:

- Improve building structure conditions;
- Enhance life quality and increase land cost value;
- Improve building quality in terms of energy savings;
- Reduce energy consumption and maintenance costs;

MUNICIPALITY OF TIRANA

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THANK YOU FOR YOUR ATTENTION!