

# PUBLIC TRANSPORT BURSA LIGHT RAIL SYSTEM II PHASE

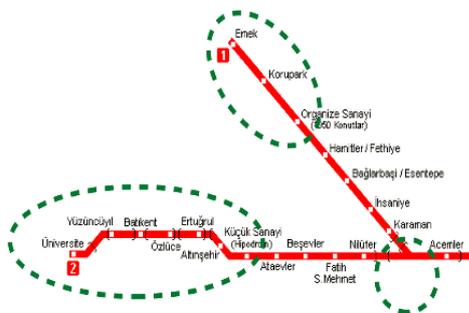
City of Bursa, Turkey



The Verified Carbon Standard (VCS) “Bursa light rail system II phase” project is the first and only public transportation related carbon credit project in Turkey and will issue 7,092 Verified Carbon Units (VCUs) for the first monitoring year.

The Bursa light rail system II project consists of the construction and operation of the two new extension lines

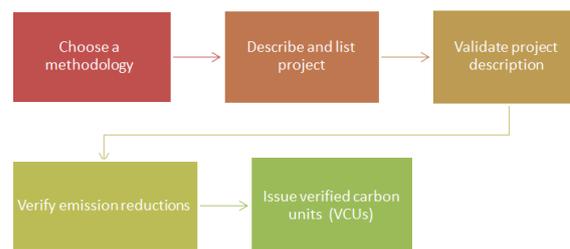
- Line 1 - Emek Line (Mudanya Road Kuzey Line) with a length of 2.2 km and 2 stations and
- Line 2 - University Line (Bati Line) with a length of 6.6km and 6 stations



to the existing light rail transport system in the city of Bursa.

The project allows the passengers to use a modern low carbon public transport system instead of conventional modes of transport such as buses, minibuses, dolmus, shuttle, passenger cars, taxis, motorcycles, which cause significant CO<sub>2</sub> emissions.

The project is validated, registered as a VCS project, according to the underlying UNFCCC CDM methodology ACM0016”, “Mass Rapid Transit Projects”, version 3.



VCS project cycle

The achieved emission reductions of 7,092 CO<sub>2</sub>e tons from 01/07/2015 to 30/06/2016 were successfully verified under the Verified Carbon Standard and are ready for issuance.

## PROJECT

Bursa light rail system II phase

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## TYPE

Transport

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## ANNUAL EMISSION REDUCTIONS

7,092 tCO<sub>2</sub> CO<sub>2</sub> have been verified  
(07/2015 – 06/2016 vintage)

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## REGISTRATION DATE

10/02/2014

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## STATUS

Project is operational

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## CARBON STANDARD

Verified Carbon Standard (VCS)

<http://www.v-c-s.org/>

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## VCS PROJECT ID

1006

[http://www.vcsprojectdatabase.org/#/project\\_details/1006](http://www.vcsprojectdatabase.org/#/project_details/1006)

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## PROJECT LOCATION

City of Bursa, Turkey

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## OWNER

T.C. Bursa Metropolitan Municipality  
(BMM)

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## PROJECT OPERATOR

Burulas, the wholly-owned public urban  
transport company of Bursa.

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## FINANCE

The construction of the Bursa light rail system II phase, including 30 rolling stocks, is financed by the European Investment Bank, European Bank for Reconstruction and Development (EBRD) and City of Bursa. The total investment is 218.5 Million Euros.

## SUSTAINABLE DEVELOPMENT GOALS



In addition to the reduction of greenhouse gas (GHG) emissions, the Bursa light rail system II phase project also contributes to social, environmental and economic development, especially in the following areas:

### Good health and well-being

Improving public benefits through better public transportation and maintaining healthier living environment due to fewer air emissions of pollutants, such as particulate matter (PM), oxides of nitrogen (NO<sub>x</sub>) and sulphur dioxide (SO<sub>2</sub>).

### Decent work and economic growth

Creating new job – around 200 people were employed during the construction phase and 32 employed permanent.

### Innovation and infrastructure

Improving comfort and economic benefit in travel by reducing overall travel time.

### Sustainable cities and communities

Mitigating city traffic load and reduces significantly noise pollution and exhaust gases

Accelerating the establishment of regional centres and developing areas.

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## CONTACT

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