



Eurasia Tunnel Project

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T.C. ULAŞTIRMA VE
ALTYAPI BAKANLIĞI



Altyapı Yatırımları Genel Müdürlüğü



yapı
merkezi



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TOTAL PROJECT LENGTH 14.6 KM

PART 1 - 5.4 km

PART 2 - 5.4 km

PART 3 - 3.8 km



- **Project Model** : Build – Operate – Transfer
- **Total Investment** : 1,245 Billion \$
- **Traffic Capacity** : 120,000 vehicle/day
- **Date of Operation** : 22.12.2016

- **Administration** : Ministry of Transportation and Infrastructure
- **Investors** : Yapı Merkezi (Turkey), SK Ecoplant (South Korea)
- **Contractor** : YMSKJV
- **Operation Period** : 25 Years 28 Days

Excavation completed in 468 days



Boring speed is 7m/day



- ❖ TBM;
- 1st in the World with cutter head power, 33,3 kW/m²
- 2nd in the World with excavation pressure, 12 bars
- 6th in the World excavation diameter, 13.7 m

USD Million

EIB	150
EBRD	150
KEXIM	250
TOTAL DIRECT	550

EIB (by İşbank, Yapı Kredi, Garanti)	200
Standart&Chartared (by KSURE)	75
SMBC (by KSURE)	60
MIZUHO (by KSURE)	45
SMBC (by KEXIM)	30

TOTAL COVERED	410
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TOTAL LOAN	960
	%77,1

EQUITY	285
	%22,9

“89% Foreign Direct Investment”

TOTAL INVESTMENT	1,245
	%100

“The longest maturity term (18 years) among the transportation infrastructure investments in Türkiye”

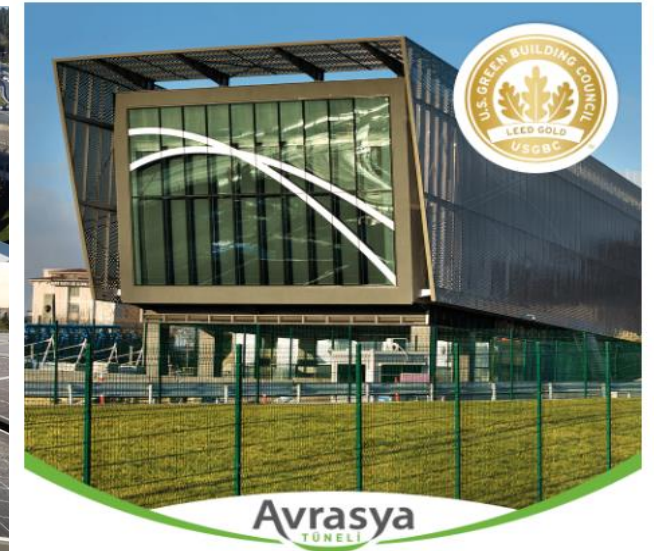


- ❖ Out of scope of local EIA Regulation
 - In accordance with International Standards
 - Equator Principles
 - IFC, EBRD and EIB Environmental and Social Performance Requirements
 - OECD Common Approach

«Environmental and Social Impact Assessment» and «Environmental and Social Management Plan»

- ❖ Main subjects
 - Health and Safety
 - Land Acquisition
 - Vegetation and natural habitat
 - Noise and Vibration
 - Air Quality Resources and Wastes
 - Archaeology and Cultural Heritage
 - Stakeholder Engagement

“Have an impressive safety record; during 5-years construction of mega project, over 14 million man-hour performed without fatalities and major accidents.”



- CO Neutral project by 2021
- I-Rec Certification
- Solar pannels on top of the buildings

European Bank for Reconstruction and Development
«Environmental and Social Best Practice Award, 2015»



❖ Transparency for knowledge sharing

- Muesum
- PPP Model and Eurasia Tunnel Book



The Public Private Partnership (PPP) Model and the EURASIA TUNNEL PROJECT



February 2022

Eurasia Tunnel Operation Construction and Investment Inc. Publications:01

<https://www.avrasyatuneli.com/Public-Private-Partnership-Model-and-Eurasia-Tunnel-Project-Report.pdf>

❖ “Saving Impacts in 7 years: ~ \$1,5 billion (2016-2023)”

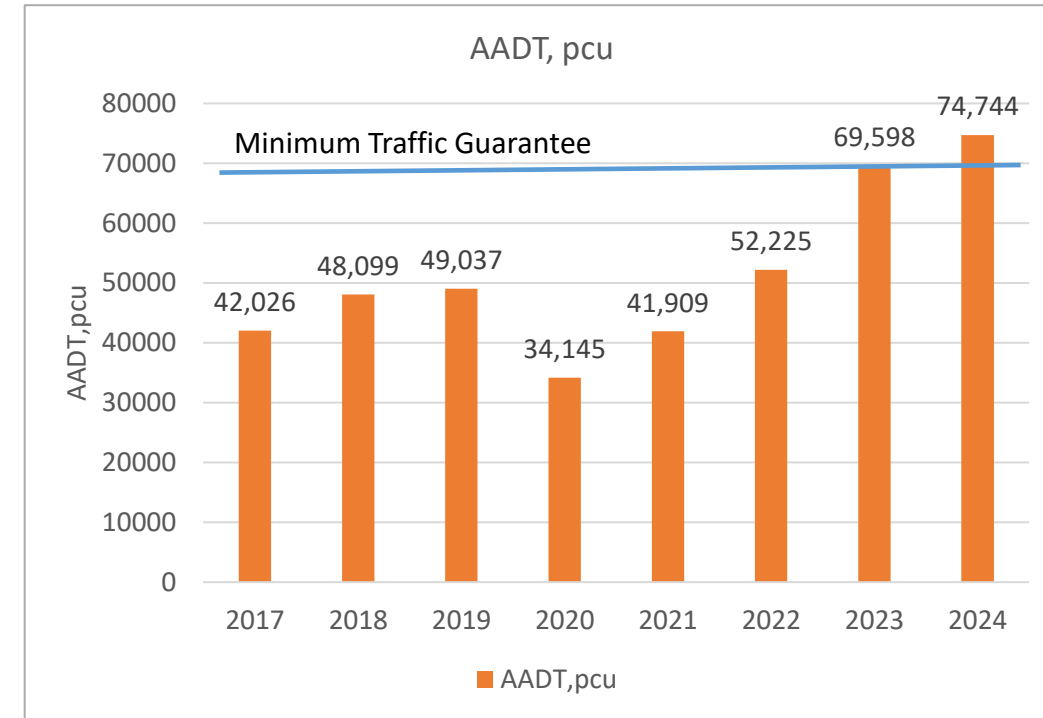
- Time Saving
 - 172 million hours: \$1,2 billion
- Fuel Saving
 - 218 thousands ton: \$245 million
- Emission Saving
 - 91 thousands ton: \$27 million
- Accident Saving
 - 492 million veh-km: \$12 million

❖ Contribution to Macro Economy

- Gross Value Added
 - 1,7 billion \$
- Employment
 - 57.374
- Tax
 - 364 million \$

«Every year it contributes **57 million \$ to economy & more than 1.800 employment**»

❖ Revenue Sharing mechanism commenced by 7th year of operation



❖ Value for Money Study: 30 % cheaper against traditional model

Thank you!

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Avrasya TÜNELİ

