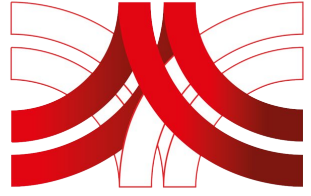


**ASECAP DAYS**



**ISTANBUL 2023**

*Celebrating*  
**50** YEARS  
*OF Successful*  
TOLL ROAD PROJECTS

# REDUCING THE CARBON FOOTPRINT ON THE WAY TO FIT 55

**BETÜL DEMİR**

Environmental & Sustainability Chief

[betul.demir@ic-a.com.tr](mailto:betul.demir@ic-a.com.tr)

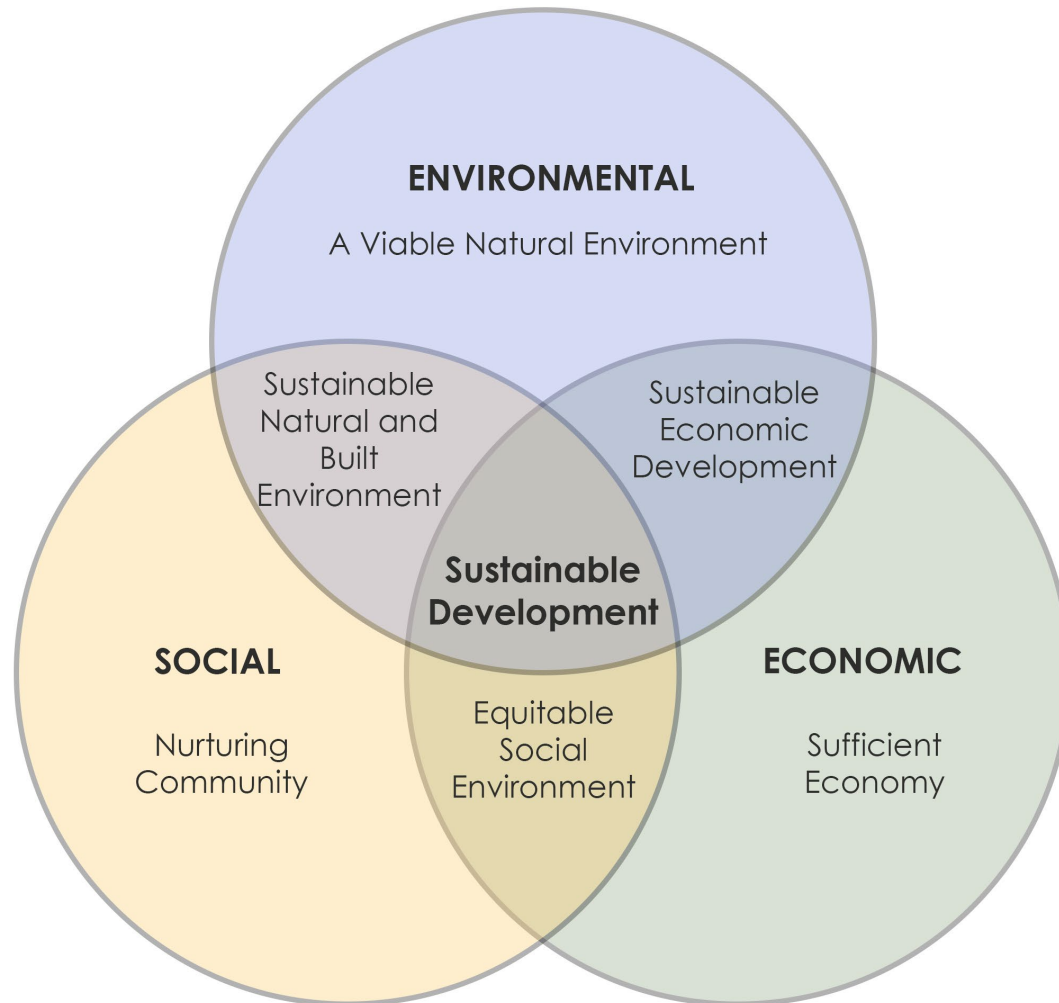
ICA İÇTAŞ Infrastructure YSS  
Bridge and Northern Ring  
Motorway Investment Management  
Inc.

*Hosted by*

**ICA**

YAVUZ SULTAN SELİM BRIDGE  
AND  
NORTHERN RING MOTORWAY



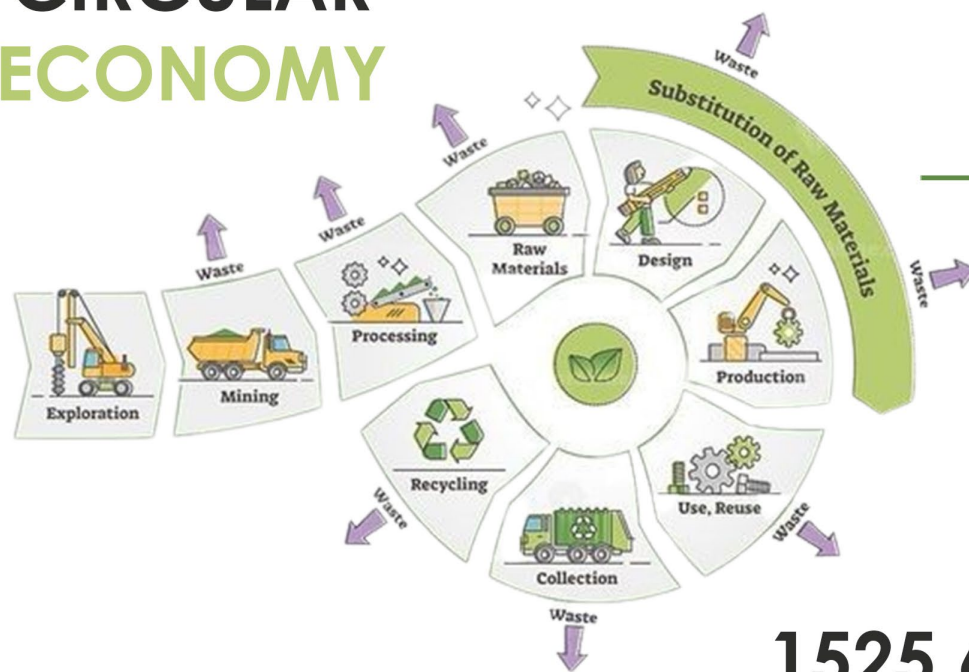


“How can we make our business sustainable and carbon-neutral?”

# SOUND BARRIER PROJECT FROM WASTE TIRES

400 tone  
waste tires

## CIRCULAR ECONOMY



1525,6 m & 5.439 m<sup>2</sup>  
sound barriers

# PROJECT'S STEPS



Collection of deformed tires from highway



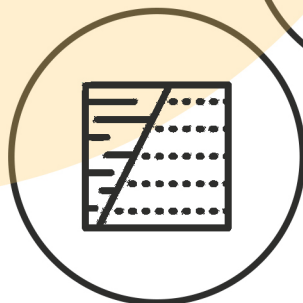
Storage of tires collected from the field



Forwarding the stored tires to the relevant company



Recycling and use of tires as raw materials



Installation of designed barriers

## VIDEO

# BENEFITS OF THE PROJECT



**8.51  
 tone**

**Reduction of Carbon Emission**



**Meeting Stakeholder Needs**

**10%**

**Reduction of Noise**



**Increasing the Quality of Life**



**Contributing to the Circular Economy**

**Cost Effectiveness**



**Inspirational**



**Protects Environments**



**Conserves Natural Resources**



**Reduces Amount of Waste to Landfills**

**848  
 m3**



# LED CONVERSION LIGHTING PROJECT

## ICA Energy Management Policy

State an Objective

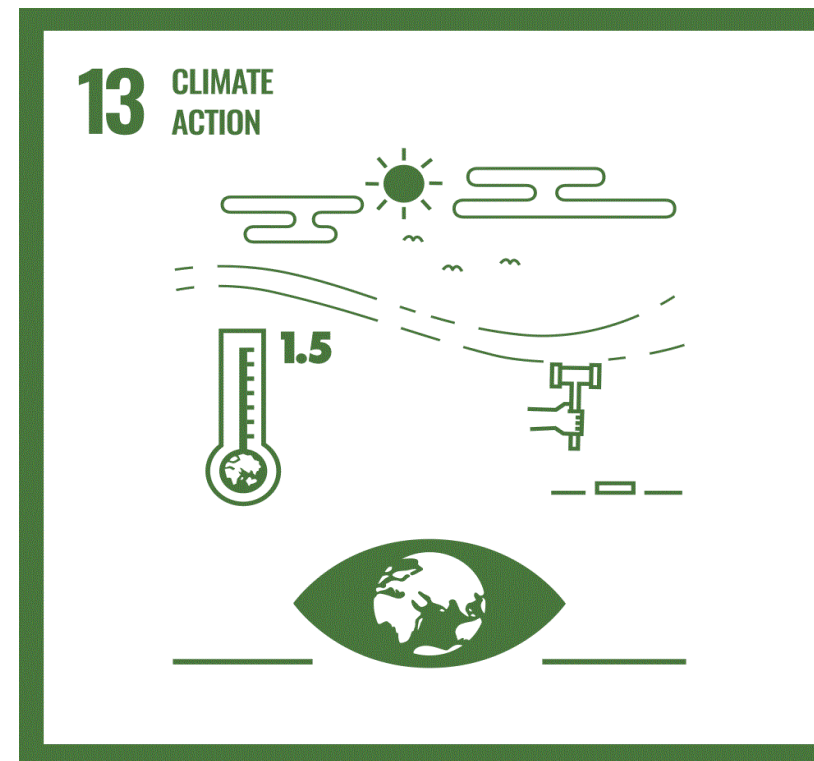
Establish Accountability

Ensure Continuous Improvement

Promote Goals

# PROJECT OVERVIEW

This project is designed to achieve the SDG13 Climate Action-related goals, which is one of the sustainable development goals set by the organization.





## LED Conversion Lighting;

Organizational Level

- Highway
- Highway Service Facilities
- Main Campus (Garipce)

video



Reduction in Energy Cost



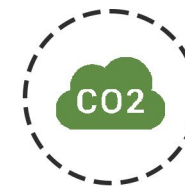
**8.744.198**  
kWh/year Energy  
Saving

(2.827 people=892 household)

PROJECT'S  
IMPACTS

**1.810,70**  
tones of CO2  
Reduction

(82.304 trees)



# THANK YOU!

**For More Information Please Contact**

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ve  
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