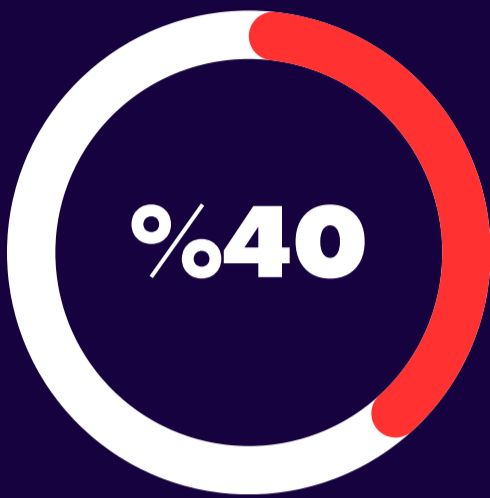


# MATERIALS AND INDUSTRIAL EMISSIONS

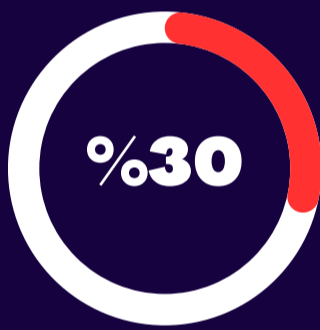


International Energy Agency (2021)

Industrial emissions are responsible for almost 40% of carbon emissions.

<https://lessmaterial.ogu.edu.tr/>

## IRON & STEEL



## CEMENT



## CHEMICALS & PETROCHEMICALS



International Energy Agency (2021)

Iron & Steel, Cement, and Chemicals & Petrochemicals are responsible for almost two-thirds of industrial emissions in 2020

<https://lessmaterial.ogu.edu.tr/>

## MATERIAL EFFICIENCY STRATEGIES AT DIFFERENT STAGES

<https://lessmaterial.ogu.edu.tr/>

DESIGN

FABRICATION

USE

END OF LIFE

International Energy Agency (2019)

<https://lessmaterial.ogu.edu.tr/>