



# The EGA Aluminium Design & Innovation Challenge

In the EGA Aluminium Design & Innovation Challenge, secondary school students will design solutions to solve a real industry challenge using the metal of the future - aluminium - in the four themes of: Sustainable mobility - powered by BMW, Architecture, Green solutions and Product design.

Students will apply design thinking processes to produce creative solutions to global challenges.

Students will use their imagination, creativity, and reasoning to explore, ideate, prototype and test possible solutions for the challenge.

## Students will:

- Gather insights into the needs of their users with empathy
- Learn and apply knowledge of the aluminium industry and skills in sciences, technology, engineering and mathematics.
- Build important capabilities for the future, such as in design thinking, problem-solving, teamwork, communication, and entrepreneurship.
- Discover their strengths and interests and translate them into innovation, local impacts, and possibly even, one day, careers.

## Competition timeline



## Choose from 4 themes

Architecture

Green solutions

Product design

Sustainable mobility  
- powered by BMW

## 1st PRIZE

The winning teams in each category 'theme' will be awarded AED 15,000

## 2nd PRIZE

The runners-up in each category 'theme' will be awarded AED 10,000

To find out more about The EGA Aluminium Design & Innovation Challenge, please visit:

