

UAE Hope Probe

On 19th July 2020, the United Arab Emirates Hope spacecraft blasted off from Earth on its seven-month journey to Mars. It was built in an astonishingly quick time by a team of engineers with an average age of just 27.



Image Credit: UAE Space Agency

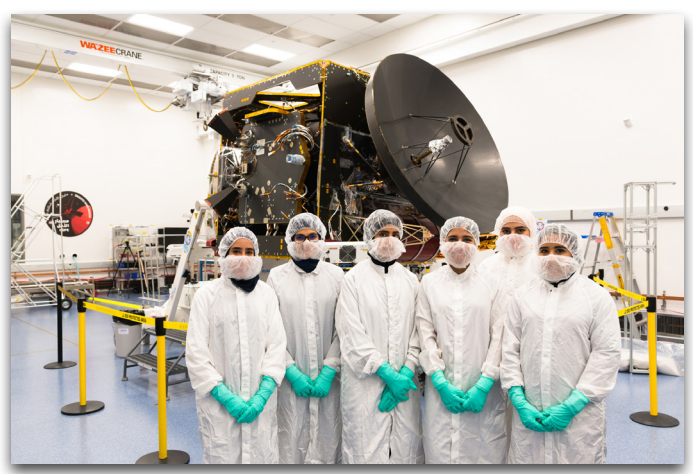


Image Credit: UAE Space Agency

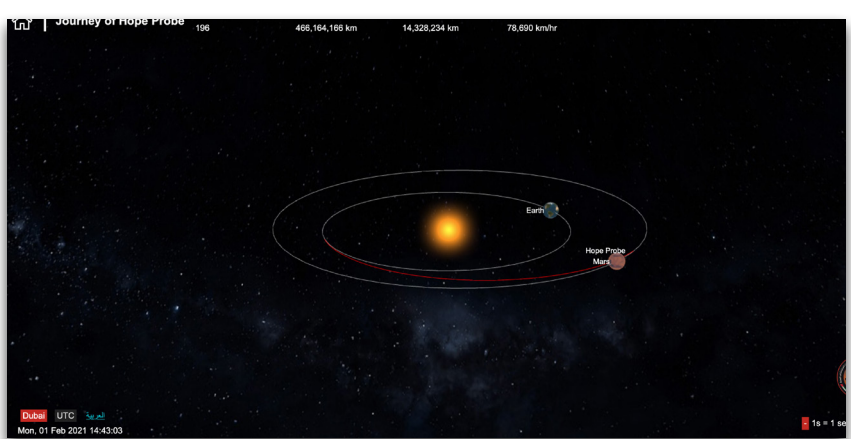
What makes it particularly special is how significant the contribution of women is in its design, construction and launch.

Historically, more men have worked in the space industry than women, however this isn't the case for the UAE Hope mission; 80% of the science team behind the spacecraft are women.

Hope has the goal of producing a comprehensive picture of Mars' atmosphere. With its instruments and sensors, the spacecraft will be able to study the climate of Mars both daily and through seasonal cycles, as well as monitor dust storms in the lower atmosphere.



Image Credit: UAE Space Agency



Probe Tracker, Image Credit: UAE Space Agency

At the time of writing, Hope has currently travelled over 450,000,000 km from Earth and is approaching Mars at 79,000 km per hour.

Why not track the progress of Hope yourself by [clicking here!](#)

