

IAF SPACE EDUCATION AND OUTREACH SYMPOSIUM (E1)
Ignition - Primary Space Education (1)

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THE IMPACT OF NEWLY ESTABLISHED UNITED ARAB EMIRATES SPACE AGENCY ON
EDUCATION AND CAPACITY BUILDING**Abstract**

With the establishment of the UAE Space Agency (**UAESA**), it started a new era for the United Arab Emirates (UAE) as a new entrant in the international Space sector.

This is also grouped with the fact that the UAE aerospace industry is about 40 years old and is growing rapidly with investments exceeding *6billioninSpace*.

The establishment of UAESA increased the need for having a qualified human capital in the space field. The UAE as a country is a young country, with a young population with not many interested in STEM.

Since the creation of UAESA it was its objective to increase the number of students in STEM to ensure that they have enough engineers, researchers, scientists, who can serve the growing aerospace sector. The goal was to develop the highly skilled workforce required by the space sector. The human capital development meets the current and future needs of the aerospace sector.

The UAESA's plan starts at K-12, highlighting space related STEM education, practical training, resource sharing, intensive use of educational technology, focus on regional development, and international cooperation, among other strategies.

An overview of the plan and efforts will be presented.