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THE INTERNATIONAL SPACE CENTER IN ASHDOD (ISRAEL)

Abstract

The INTERNATIONAL SPACE CENTER- ISC

The International Space Center- ISC is being established in the city of Ashdod, on an area of about 4.7 hectares. The Center is founded by a not-for-profit Association encompassing the best international professionals in the fields of space sciences and exploration, research and aviations.

It is the first Center of its kind in Israel incorporating experiential space park and visitors' center for the whole family, jointly with a Research and Developing Center; Cadet Training Center in the fields of astronautics, aeronautics and diverse space sciences; Aviation and Pilots' Training Center. This enterprise shall encompass an International Research Center, and high-tech Incubators in multiple and diverse fields of technology, industrial and commercial.

The academic research Space Center shall house the Cadet Training Center, in several tracks, in the fields of astronautics, aeronautics, space science and aviation, wand pilots' training, jointly collaborating with top-notch international and domestic academia and industrial institutions and entities. The Academic Research Space Center shall also include research and development center of international high-tech, encompassing incubators in the field of aerospace technology and other diverse fields of research.

The Center is founded and established by the "Israel Space Park Association" jointly with the Municipality of Ashdod, with the cooperation of principal members and leaders from international and domestic space entities. The ISC Senior Executives include, but not limited to, the Association's CEO, Dr. Igal Patel; Ms. Orna Marie Orshan, CLA, Senior Vice President and CEO of the Research and Training Centers; Col. (res.) Avi Har-Even, the Association's Member of the Board of Directors, as well as other senior international and domestic scientists and high-ranking members from diverse space related entities.

Ashdod Municipality, the associate developer of the "Israel Space Park Association" views the establishment of the International Space Center- ISC, as a significant, one of its kind in Israel and the Middle East, educational and scientific enterprise, leveraging the State of Israel on the international stage, in the fields of space science and technology. The ISC is instrumental for providing future generations from the Middle East region and globally, with modus operandi for multilateral peaceful cooperation, in education, commercial, science and economics, bringing forth mutually new ideas and innovations for mankind's benefit and growth.

In the paper we will describe the structure of the center, the educational plans (astronautic, aviation, science) and the space camp facilities.