



Abu Dhabi Education Council (ADEC)

ENTITY

P.O. Box 36005, Abu Dhabi, UAE
Phone: +971 (0) 2 615 0000
Fax: +971 (0) 2 615 0500
E-Mail: info@adec.ac.ae
www.adec.ac.ae



Abstract

Abu Dhabi Education Council (ADEC) was established in accordance with law No. 24 of 2005, issued by His Highness Sheikh Khalifa Bin Zayed Al-Nahyan, the UAE President, the Supreme Commander of the Armed Forces and the Ruler of Abu Dhabi. The Chairman of ADEC is H.H. Crown Prince of Abu Dhabi and Deputy Supreme Commander of the UAE Armed Forces and the Vice-Chairman is H.H. Sheikh Mansour Bin Zayed Al-Nahyan, Minister of Presidential Affairs. The Council seeks to develop education and educational institutions in the Emirate of Abu Dhabi, implement innovative educational policies, plans and programs that aim to improve education, and support educational institutions and staff to achieve the objectives of national development in accordance with the highest international standards.

ADEC's vision is to be recognized as a world class education system that supports all learners in reaching their full potential to complete in the global market.

During the initial stages of GIS, ADEC conducted field surveys to collect data on students, teachers, and schools and school locations. ADEC has now compiled a detailed list of the number of students in each school, student test scores, and teacher profiles for each school. This compiled data has been supplied to other systems in ADEC as a guideline for future surveys.

GIS Profile

The integration of GIS at ADEC helps in realizing a part of ADEC's 10 Year Strategic Plan with regards to utilizing current schools and planning for the future; reducing students' and teachers' performance gaps between different areas; and allocating educational facilities based on the needs of the schools. Development of GIS within ADEC will move forward to integrate GIS with SIS and ERP; and create a public interface for the Geoportal (school locator).

The GIS in ADEC was utilized to efficiently develop contracts with transportation as well as utilize the system for planning, transportation and logistics, and facility management.

ADEC became a member entity with SDI in 2008. Through AD-SDI's initiatives, ADEC has been able to receive very important spatial data to assist with its research and development. ADEC is also sharing its data with regards to school locations to other governmental entities with AD-SDI facilitating these handovers.

Specific activities that the ADEC GIS has been developing with the cooperation of AD-SDI are:

SDI Involvement

Facility Mapping: With a combination of different layers of data from AD-SDI and its fellow stakeholders, ADEC has compiled its spatial data infrastructure which is being used in different analysis such as defining the most optimum location for each new school.

ADEC Internal Geoportal: ADEC has mapped every public and private school in the emirate of Abu Dhabi. With this data as well as data offered by AD-SDI, ADEC can now find school locations; follow students' progress in their exams; and keep track of all teacher profiles.

Health and Safety Measures: Abu Dhabi Municipality Data, provided through AD-SDI, has helped ADEC develop a dynamic model to select suitable evacuation points for each school. Health and Safety experts will use this model to determine optimal evacuation points and respond to violation alerts for existing or proposed points.

SDI Coordinator:

Mr. Pakrad Balabanian (pakrad.balabanian@adec.ac.ae)

