

APPENDIX - V

INNOVATIVE SUPPORT FOR NATIONAL GOVERNMENT PROGRAMS

Has an indelible mark as an expert in maritime education and training, higher education, and national and regional development. His extensive career in the Arab region was marked by his instrumental role in supporting national governments to achieve significant development goals in maritime education, training, and higher education. This transformative work was carried out during his tenure at the Arab Academy for Science, Technology and Maritime Transport, a regional specialised organisation of the League of Arab States. His leadership as the President of the regional organisation from 2007-2011 was characterised by a unique capacity to generate innovative ideas that bolstered Arab National Governments' support for their national programs and plans. Some of his notable achievements include:

ARAB COUNTRIES

1994 - 2007

The four-phased project was created to establish the largest integrated simulator complex (ISC) in the Middle East, with a budget of US\$165 million donated by USAID. This creation comprised the planning, supervision, implementing and managing processes. The simulator includes marine, environmental, and crisis management components for handling natural and artificial disasters such as explosions, floods, earthquakes, terrorism, and oil spills. It supports Arab countries and builds their human resources capacity in these various fields. ISC trained many trainees from different countries and conducted research projects that contributed to developing countries. The establishment of ISC led to the support of the establishment and implementation of the Vessel Traffic Management System at Sharm Elsheikh, Gulf of Aqaba, in cooperation with the Egyptian Ministry of Transport with a budget amounting to 24 million USD in 1997;

2009

Establishment of the Faculty of Fisheries and Aquaculture Technology and the Aquaculture Research Centre to provide the Arab region with qualified professionals in fisheries and aquaculture technology. This initiative resulted in many prototypes of promising projects, such as the cultivation of desert by "Salicornia" using seawater to be used in human food and the production of bio-diesel, the production of several types of algae protein for the use of human nutrition, production of medicines and eliminating the emission of the carbon dioxide, as well as extraction of vegetable oils needed for the production of bio-diesel as well as for wastewater treatment and purification, the production of shrimp "Artemia Salina" for human food and fish farms.

2007 – 2011

Restructuring the Arab Academy to upgrade its infrastructure and educational system. This included rearticulating the organisation's strategic vision of education, training and research, and human and financial resources, which led to the re-positioning of the Arab Academy in the region and at the international level. All Arab countries acknowledged this.

- 2009 – 2011** Increasing the Arab Academy’s financial resources, fund budgets, and assets to achieve long-term financial sustainability (by US\$96 MILLION).
- 2007** Establishment of the Industrial Development Centre (IDC) at the Arab Academy, using students’ projects and faculty staff research to link academic research to different industries and introduce solutions to industrial problems in the Arab region.
- 2010** Facilitating the signing of the Magna Charta Universitatum at Bologna, Italy, was a leading step to joining a global community gathering of more than 700 universities sharing the same ideals and principles. This initiative aimed to develop cooperation between the North and South of the Mediterranean in university liberal education and research and to establish more effective and far-reaching intellectual, cultural, social, scientific, and technological links among university institutes worldwide.
- 2010** Establishing a regional railway institute to serve the Arab region, including the study, supervision, and implementation of the first railway simulator by the Integrated Simulators Complex.

ISLAMIC COUNTRIES

- 2010** Establishing a Regional Centre for Disaster Risk Reduction (RCDRR) jointly with the United Nations International Strategy for Disaster Reduction (UNISDR) and the Chairman of both Arab and Islamic Bureau of Environment Ministers. The Governing Board of the Centre includes distinguished members such as Egypt, the Kingdom of Saudi Arabia, Jordan, the United Arab Emirates, Tunisia, the Islamic Development Bank, the Arab Fund for Economic and Social Development and the Global Facility for Disaster Reduction and Recovery of the World Bank. The main objectives of RCDRR include promoting the integration of Disaster Risk Reduction (DRR) in national policies, strategies and plans, building capacities in the field of DRR, and building networking and partnership with a multi-stakeholder to accelerate the implementation of the Hyogo Framework for Action (HFA) in the Arab region. The initiative resulted in fruitful cooperation and projects with international bodies such as the World Bank and UNISDR. These projects included a study on Climate Change Adaptation and National Disaster Preparedness in the Coastal Cities of North Africa (Egypt, Morocco and Tunisia), Damage and Loss Assessment (DALA);
- 2010** Administrating training and development of 7 online courses in partnership with GFDRR with 120 participants from Yemen, Tunisia, Egypt, Lebanon, Palestine, Syria, China, Italy and Germany. In addition, I established two projects entitled “Development & Enhancement of Information and Knowledge Capacity on DRR” and “Enhancing Information Management and Knowledge Capacities in the MENA Region”, as well as developing training on HFA Monitoring and Reporting Monitoring with HFA focal points of Arab States.

**SAUDI ARABIA
2009 - 2010**

Provision of technical support through experts and specialists in the field of disaster risk reduction for the development of specifications and requirements to set up a command centre for national disaster management within the headquarters of the Presidency of Meteorology and Environment Protection of the Ministry of Defence and Aviation in Saudi Arabia (SA), which included the establishment of an early warning mechanism and control of disasters and environmental accidents. In this context, a letter has been issued to the Secretary General of the League of Arab States from HRH Prince Turki bin Nasser bin Abdul Aziz Al Saud, President of Meteorology and Environment Protection in SA, and Chairman of the Executive Bureau of the Council of Arab Ministers Responsible for the Environment. The letter stated an appreciation for the role of the Academy's president in achieving strategic goals to serve the Arab region.

**COMOROS
2010**

Initiating the study of strategic planning for the comprehensive development of Comoros. In this context, four visits to Comoros have been made from March to December 2008. The visits were paid for by specialised experts and scientific specialists in maritime transport, fisheries, management, engineering, electronics, communications, logistics and international transportation, and experts in maintaining electrical generators from a German company called IBF Electronic GmbH & Co. The team was assigned to review Comoros's situation to develop a study of strategic planning for a comprehensive development of Comoros. In October 2008, the Academy's president accompanied several senior officials to meet Comoros's President and presented the strategic vision and planning for the development of Comoros. Accordingly, the Comoros' President issued a letter to entrust the Academy as the principal consultant of all development projects in Comoros.

**EGYPT
2009 - 2010**

Establishing an Oil Spill Management Centre in Cairo at the Egyptian Environmental Affairs Agency (EEAA), in cooperation with the Ministry of State for Environmental Affairs, Egypt (3.7 million USD), to participate with other Egyptian-related authorities in formulating and developing the Egyptian National Contingency Plan.

2009

Establishing a Crisis Management Centre in Cairo at The Egyptian Cabinet, Information and Decision Support Centre with the objective of building capacities in Egypt's public and private petroleum sectors.

2010

Guiding and supervising the study of an Integrated System to Develop the Inland Water Transportation "Nile River" (waterway navigation, management and logistics, river ports, education and training) that aims to support the Egyptian Ministry of Transport with the required technical assistance and build capacity for Egyptian River Transport Authority staff.

YEMEN
2010

Establishing a regional branch of the Arab Academy in Aden, Yemen, in cooperation with the MNA DRM team of the World Bank (WB). The mutual team of WB and Academy have been discussing the establishment of this branch to support disaster risk management activities in Yemen more effectively and to provide a quality standard of education and training to the southern region of Arab countries. A joint mission of the WB and Academy was planned to meet senior officials of the Yemeni Government to enhance that goal. In this context, the Academy's president had met the Yemeni Prime Minister and the Minister of Transport to ensure the support of the Yemeni government.