




<p style="writing-mode: vertical-rl; transform: rotate(180deg);">ENTITY</p>	<p>Department of Municipal Affairs (DMA)</p> <p>P.O. Box 3 Abu Dhabi, UAE Phone: +971 (0) 2 6785555 Fax: +971 (0) 2 6777755 E-Mail: info@dma.abudhabi.ae www.dma.ae</p> <p style="text-align: right;"> دائرة الشؤون البلدية DEPARTMENT OF MUNICIPAL AFFAIRS بلدية المنطقة الغربية بلدية مدينة العين بلدية مدينة أبوظبي <small>WESTERN REGION MUNICIPALITY AL AIN CITY MUNICIPALITY ABU DHABI CITY MUNICIPALITY</small> </p> 
<p style="writing-mode: vertical-rl; transform: rotate(180deg);">Abstract</p>	<p>The Department of Municipal Affairs (DMA) was established in May 2007, to act as the main focal point of all municipal planning and to oversee public works projects in the Emirate of Abu Dhabi. The DMA aims to produce efficiencies and higher customer satisfaction in accordance with the national Policy Agenda which will represent a new era in municipal services to the general public. As a regulatory body, the DMA supervises the three regional municipal councils and municipal administrations; Abu Dhabi Municipality, Al Ain Municipality and Western Region Municipality.</p> <p>Vision: An advanced municipal system that enables sustainable development and enhances quality of living for the Emirate of Abu Dhabi</p> <p>Mission: To achieve the Abu Dhabi Government's objective of providing distinctive municipal services that enhance the quality of living of all</p>
<p style="writing-mode: vertical-rl; transform: rotate(180deg);">GIS Profile</p>	<p>The GIS & Property Database Division is responsible for:</p> <ol style="list-style-type: none"> 1. Set system policies for managing creating, distributing, updating, maintaining and storing property registration and Spatial mapping data 2. Ensure municipalities compliance with policies 3. Provide support to users of property registration and spatial data, both municipalities and other entities 4. Operate back-end property registration and Spatial Mapping database storage, both electronic and hard copy 5. Coordinate GIS Projects Implementation 6. Consolidate and maintain property registration and Spatial mapping data 7. Manage interface between back-end storage, municipalities and other departments <p>Initiatives undergoing under the Division include:</p> <p>(1) Implementation of Geospatial Data Framework, models, standards & specifications. (Q4/2009 – Q4/2010) Goals:</p> <ul style="list-style-type: none"> • Ensure adherence to DMA Mandate • Develop standardized Base Mapping and Property Mapping Databases • Consolidate data of the three municipalities to ensure one seamless emirate-wide data access • Establish update processes (transaction based) to keep data current • Develop easy-to-use, web-based GIS tools and services • Provide real-time access to Base Mapping and Property Databases to AD-SDI Community Members (users and applications) • Implement appropriate security mechanisms to control access to data, tools and services • Raise awareness of GIS and it's value of GIS to enhanced service delivery <p>Expected outcomes:</p> <ul style="list-style-type: none"> • Standardized and seamless geospatial data across all three municipalities • Effective use of GIS tools and services to enhance day-to-day municipal services • Ability to serve up-to-date municipal geospatial data to AD-SDI Community Members (users and applications) in real-time <p>(2) Completion of geographical demarcation between Abu Dhabi Emirate municipalities (Q4/2008 - Q4/2009) Goals:</p> <ul style="list-style-type: none"> • Geographical Delineation of the municipal territories • Geographical demarcation of delineated municipal administrative boundary • Accurate survey locations of the physical monumentation across the delineated boundary • Fix the survey monuments across these surveyed locations • Adjust the administrative boundaries (District and Community) to align the newly establishing municipal territory boundary. <p>Expected outcomes:</p> <ul style="list-style-type: none"> • Improve accountability and transparency • Establish and implement governance framework to promote independency and accountability at inter-municipal and municipal councils level • Permanent monumentation across the municipal territory • Precise survey locations of the boundary <p>(3) Coordination for unification and standardization of addressing system for Abu Dhabi emirate (Q1/2009 - Q4/2009) Goals:</p> <ul style="list-style-type: none"> • To provide a comprehensive guide on the procedures to implement street addressing within the Emirate. • To make Abu Dhabi Addressing standard comply with modern street addressing system requirements • To set Regulations, policies and standard for street addressing in the Emirate of Abu Dhabi • To assist municipalities in implementing street addressing in a common, coordinated and systematic manner <p>Expected outcomes</p> <ul style="list-style-type: none"> • Abu Dhabi Standard for Addressing (Arabic and English) • Users Guide with clear guidance on Addressing System to municipal managers, engineers, planners and technicians.





SDI Involvement

DMA and the three municipalities in the emirate of Abu Dhabi are coordinating with AD-SDI for the development of an Abu Dhabi Municipal SDI framework. This is to support local government spatial data needs including internal and external stakeholders. Towards this goal DMA is developing Municipal Spatial Services governance and infrastructure framework. The approach would facilitate the creation and maintenance of the municipal spatial data sets using common data standards and specifications and also would ensure the availability of the emirate wide seamless basemap data sets. Since these standards and specifications comply with AD-SDI data content standard framework, municipal base map data would provide a common referencing base for all other spatial data sets generated and maintained by the AD-SDI stakeholders.

DMA also coordinate with the municipalities for strategically aligning the spatial data developments and dissemination. This is to optimize the use of resources and avoid duplication.

MoU with ADSIC streamline the provision and access to spatial data and information to support decision making at all levels of AD-SDI public and private party stakeholders. It also ensures the close coordination of all spatial data activities through DMA GIS Technical Committee and AD-SDI technical committee.

SDI Coordinator:

Abdul Salam Mohammed (salam@dma.abudhabi.ae)

