

Resume of
Hany Hassan Mahmoud El Miniawy
CEO, ADAPT- Appropriate Development, Architecture & Planning Technologies

Profession : Architect and urban planner, own offices since 1977

Status : married, five children

Nationality : German, Egyptian origin.

Education : Studies in architecture at University of Helwan, Egypt (B.A. in 1975);

Languages : Arabic, German, English, French.

Main Qualifications :

Founder/proprietor of offices for architecture, urban design and construction management:

- BETA- Bureau d'Etudes Techniques et Architecture, Algiers; 1977 (with Arch. Abdel Rahman El Miniawy).
- DELTA- Department d'Etudes d'Architectures Locale Appropriée, Cairo; 1981 (with Arch. Abdel Rahman El Miniawy).
- ADAPT - Appropriate Development, Architecture and Planning Technologies, Cairo, 1989; 15 long-term staff, (with Arch. Abdel Rahman El Miniawy and Sanaa Tobah, MCRP).
- Design, planning and consultancy services for projects.
- Design, planning and construction management of 27 projects with a total volume of c.113 m LE.

Developed and implemented ‘appropriate’ architectural design and participatory urban planning methodologies for :

- Low-cost social housing in urban, rural and desert settings
- Town extension and town development for low-income target groups
- Building with, and training in the use of, local materials
- Appropriate technology in architecture for housing, commercial centers and community facilities.
- Contemporary Arabic architectural style.

Senior consultant to government and development agencies on urban upgrading and development :

- Governorates of Biskra, El Wad; Constantine, Mesila, Wargla, Djelfa and the Ministry of Housing, Algeria.
- Governorates of Cairo, Giza, Aswan and City of Luxor, Egypt.
- General Organisation for Physical Planning, Egypt.
- Ministries of Culture and Housing, Egypt
- New Settlements Organization, Egypt.
- Arab Bureau (TAB), Egypt.
- World Food Programme (WFP)
- Deutsche Gesellschaft für Technische Zusammenarbeit (GTZ)
- Kreditanstalt für Wiederaufbau (KfW)
- American Research Center –Egypt (ARCE)

Academic and Scholarly work :

- Architecture School of Algeria University (juror in 2007)
- Architecture School of Tunisia (juror in 1981, 1983).
- School of Architecture, Faculty of Fine Arts, University of Versailles, France (visiting professor and juror, 1985 - 1986).
- School of Architecture, Al-Azhar University, Cairo Egypt (visiting professor, juror 1989-1991).
- Various publications, presentations and conference papers.
- Member various voluntary professional organizations.

Participatory Development in the Construction Sector

- Development of environment-friendly local construction materials; development of mix designs, testing, construction of models and training of local construction workers in production and construction systems; private initiative with participation by GTZ, Ministry of Culture, and ADEW in model construction; recent applications in Edfu, Luxor, Imbaba (Giza), Manshiet Nasser (Cairo), and St. Katherine(Sinai), 2005-7
- Designer of Expo 2000 Egyptian Pavillion.

Major Projects :

Egypt - Since 1983

Regional and Rural Development:

- Red Sea Regional Development Plan; LIFE; upgrading and development of commercial activities in two Bedouin settlements on the Red Sea Coast; consultant to Environix for USAID; 2006-7.
- Regional development planning for the desert region of El Qasr Region c.8000 feddans (3360 ha), Matruh Governorate; analysis of regional tribal, economic and infrastructure context; infrastructure, services and economic development program including water-harvesting, agro-based micro-industries and improvement of traditional economic activities, among others; consultant to GTZ.
- Conceptual Study for the Regional Development of East Sinai, Egypt; regional distribution of settlements, infrastructure and services; consultant with Talaat Engineers.
- Participatory planning and implementation of water reservoirs; Ain El Godairat Rural Development Project; consultant to GTZ.
- Design of main services complex and housing units for an agricultural society, Manayef Rural Development Project; consultant to Manayef Land Reclamation Association.
- Lake Nasser (High Dam) Development Plan, consultant to WFP.

Participatory Development in the Construction Sector:

- Participant in evaluation of Mubarak-Kohl Initiative/ Dual System Vocational Training in the Construction Sector; consultant to GTZ, 2003
- Development Strategy for Vocational Training in the Construction Sector, includes participatory approaches to vocational training, integration of small enterprises and the informal sector; consultant to GTZ, 2004.
- Development of environment-friendly local construction materials; development of mix designs, testing, construction of models and training of local construction workers in production and construction systems; private initiative with participation by GTZ, Ministry of Culture, and ADEW in model construction; recent applications in Edfu, Luxor, Imbaba (Giza), Manshiet Nasser (Cairo), and St. Katherine(Sinai), 2005-7

Training:

- Site Management Training Program for archeology inspectors; Medinet Habu, Luxor; consultant to ARCE, 2005-6.

Urban Upgrading:

- Rehabilitation of a heritage district in local materials; El Doho, Riyadh; consultant to Shankland Cox Asia Ltd. for the Al Riyadh Development Authority, 2006-7.

- Participant in Concept plan for short-medium Egyptian/ German financial cooperation in Boulaq El Dakrou, Giza; consultant to BUS for KfW.
- Participant in Guide Plan for Boulaq El Dakrou District – Long-term development plan and short-medium term action plans for upgrading an informal urban area on agricultural land (530,000 population, 969 ha); consultant to Boulaq El Dakrou Participatory Development Project/GTZ.
- Participatory Urban Upgrading Project in Mansheyat Nasser, informal area on desert land Cairo Governorate (pop. 403000, area 800 feddans (336 ha)); development program for study area with emphasis on improved service and infrastructure delivery, participatory socio-economic development, support of local initiatives for upgrading and development of local capacities; detailed planning and support of KfW implementation of first pilot area with a population of 38000 .(Ezbit Bekhit);; consultant with BUS for GTZ.
- Participatory Urban Development Project in Boulaq Dakrou (pop. 453000, area c. 300 ha), Giza Governorate, design and management of the pilot area with emphasis on confidence building measures and support of local initiatives; in cooperation with the Faculty for Urban Planning, Cairo University; consultant for GTZ.
- Key participant in project design/appraisal mission for nation-wide participatory urban upgrading programme (1995); consultant to GTZ.
- Promotion of public participation in planning and implementation of infrastructure and management of urban extension; Nasriya, Aswan; pop.80000; consultant to GTZ.
- Upgrading plan for an inner-city commercial/residential zone; Ganabeya, Tanta; consultant to GTZ.

Urban Planning & Design:

- Participatory planning and land management strategy for the extension of an informal settlement; extension of East Nasria c.40 feddans (16.8 ha), Aswan; consultant to GTZ.
- Master plan, structure plan, local residential area urban and architectural design and design of social infrastructure: appropriate planning of a new town; El Obour New Town; competition (winner), consultant to the Arab Bureau (TAB) and the New Settlements organization (NSO) Egyptian/German cooperation project.
- Town development plan; Greater Cairo New Settlement No.3; consultant to the Arab Bureau (TAB).
- Using appropriate design and building materials for three tourism resorts; one first place standing, one commendation; design only.

Various Commercial & Housing Projects, Residences in Modern Arab Architectural Style:

- Rehabilitation of Carter House; Luxor, 2006
- Using appropriate design and building materials for two commercial buildings/sites, Cairo; design and construction management.
- Residential building Roxy, Cairo; design and construction management.

ADAPT- Appropriate Development, Architecture and Planning Technologies
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- Residential building, Medina, Saudi Arabia, design and planning.
- Donshwai Museum and Cultural Center, Monoufia Governorate; design and supervision of construction; consultant to the Ministry of Culture.
- Six residences and residential complexes: appropriate ways of modern Arabic architectures (materials, functional design, styles), Cairo; design and construction management.
- Designer of Expo 2000 Egyptian Pavillion.

Algeria : 1976 – 1990

Urban Upgrading :

- Preservation of an Islamic complex in the pre-saharian southeast of Algeria, historic center of Okba Bin Nafe'a, upgrading and renovation plan.

Urban Planning :

- Extension of the city of Constantine; an integrated residential district with 400 units; planning and design 1988.
- Appropriate methodology for town planning of desert towns; master plans of Biskra and El Wad 1984.
- Three rural villages in Bou Saada and Biskra; design, planning and construction management(with local , mat B.T.S) 1975 – 1980 .

Urban Design:

- Mixed residential and commercial use in urban areas; complex at Constantine; design and supervision of construction.
- Twenty-one projects for service facilities: 12 schools, commercial centers, community centers, transportation terminal, governorate offices etc.; (partially within the team of the late architect, Hamdy Diab); design and supervision of construction or construction management.

Housing Projects & Residences :

- Appropriate architecture - vertically integrated villas; residential complex at Magaria; design
- Using Arabic design principles and local/natural materials for seven housing projects in Wargla, Oulad Djallal, Djelfa, Biskra (2 projects), Mesila (within the team of the late architect Hamdy Diab) and El Wad, 120 to 650 units/project.
- Two residential complexes with services at Hedra, Algiers (400 units and 540 units); design.
- Vacation homes at Boumerdas; design.
- Governor's residence, Biskra; design and construction management.

Other Qualifications and Experiences :

- Trained staff of BETA and ADAPT in participatory urban planning, upgrading, modern Arabic architecture and building with available local materials.
- Many projects include construction management, i.e. 'turn-key' delivery of the project to the client. This generally includes cost calculation, selecting and purchasing of materials, construction with own staff (up to 30 per site), subcontracting, etc.

Publications :

- "Le Caire, mégapole incontrôlable", El Nessim. No.1, Mai 2007.
- "Building with Local Materials", Techniques et Architecture. Special issues on Algeria 1980 (No.329), 1983 (No. 345).
- "Featuring the work of two Egyptian Brothers", Mimar. No.8, 1983.
- "Two Urban Housing Projects in Mesila and Biskra, Algeria", Alam El Bena. No.43, March, 1984.
"Planning a Residential District for Low Income Families a Residential District for Low Income Families in El Obour New Town", Alam El Bena. No.44, April 1984.
- "The Arab Architect : Where is He Located on the World Map ?", Alam El Bena. No.52, December 1984. Urban and semi-urban projects presented; 100 villas in Wargla and 350 units in Oulad Djallal, Algeria.
- Work featured in Architecture de Terre. Paris : Centre George Pompidou, 1982.
- "Construction en Algérie : Les Freres Miniawy" HLM, March 1987, Paris.
- Vies de villes n 15 – nov 2010, Algeria.
- World Congress on the management of real estate june 2008 .
- A global summit of housing entrepreneurs , barcelona , 2010
- 3rd arab round table on scp . 26-27 jan 2011, cairo ,egypt .
" paving the path to green economy in the arab region "
- green luxor project by dr. hany elminiawy ,adapt Egypt .
- Berlin expert talk megacities jan , 18th, 2011.

Documentaries:

Work presented in several documentary films including:

- “Arabic and Moslem Architecture”, George Candiliss, 1982.
- “Architecture De Terre”, Jean Dethier. Produced by Centre George Pompidou, and Antenne 2, Paris, 1983.
- U.I.A film.
- Tech award.

Memberships / Voluntary Activities:

- Ashoka fellow since 2004. [www.ashoka\(egypt\).com](http://www.ashoka(egypt).com)
- Adjoint Gen. Secretary, Egyptian Architects Association (EAA), 1991-1994.
- Head of Architect & Environment Committee (EAA), 1991-1994.
- Head of Youth Committee for Aiding Earthquake Victims (EAA), Oct.1992-May 1993.
- Founding Member, Union of Egyptian Architects (under registration).
- Member, Higher Committee for Architecture and Planning, Egyptian Engineers Association (EEA).
- Member of the Board of Directors, Center for Trade Union and Workers Services; Helwan, Cairo; responsible for humane/appropriate housing conditions, since 1993.
- Participated in Qatamiya relocation project; New Women’s Association, 1992-93.
- Voluntary advisor to Manshiet Nasser District and Local NGO’S for upgrading conditions, 1990 - 1996.
- Member of board Egyptian Association for Urban Development.

Presentations:

Seminars:

- “Basic Elements of Arabic Architecture”. Paper presented at the Seminar of Arabic Architectural Studies and the Structure of the Medina Mahdia; Tunis, Tunisia 1980.
- Presentation of Ma’adar and Felliache - two village projects using earth construction - at the Seminar of Earth Architecture; Centre G. Pompidou, Paris, France and Algeria, 1982.
- Presented urban housing projects in Algeria at the Seminar of Muslim Urban Architecture; The Agha Khan Foundation for Awards in Architecture. M.I.T., Boston-Mass., U.S.A. 1981.

Exhibitions:

- “Public Participation”, Egyptian Engineers’ Association. December 1992.
- Three projects presented including 360 units in earth in a rural village, 650 semi-urban units in stone and 400 semi-urban units in gypsum; Biennial Exhibition of Venice, Italy 1982.
- Project of 100 villas in Wargla, Algeria presented; Biennial Exhibition of Paris, France 1982.
- Project of Constantine & Hotel Housing Complex Presented at Exhibit of Mediterranean Architecture (1st Prize) 1989.
- Project of 400 dwelling units for low-income groups using local materials and construction methods. Presented at the Biennial Exhibition of Venice, Italy 1990.

Congresses & Conferences:

- “The Architect and the Environment: Building with Local Materials”; Congress of the International Union of Architects; Warsaw, Poland 1981.
- “Women in Architecture”, paper presented at the Conference of the Polytechnical School of Constantine, Algeria 1982.
- “Study of New Towns”, paper presented at the conference of the French Institute of Architecture; Paris, France 1983.
- “Contemporary Arabic Architecture : Housing Estates in Algeria” conference held by the students of the Architecture School of Versailles, France 1983 .
- Work in Algeria presented at the school of Architecture, Tunis, Tunisia 1983.
- “Present and Future of the Architect : Building with Local Materials in Algeria and in Obour New Town for Low Income Housing”; Congress of the International Union of Architects; Cairo, Egypt 1985.
- Urban Planning and Architecture in the Mediterranean Region, MERICORP conference; Cairo, Egypt 1985.
- El Miniawy, Hany and Sanaa Tobah, “Balancing the Housing Provision Process in Egypt”, September 1985. Colloque sur Polytechnique Urbaine, Centre National de Recherches Scientifiques (CRNS) et l’Institut ORMSTOM, Cite Universitaire, Paris, 25-29 September, 1985.
- “Public Participation in Planning”, paper presented at the Society of Egyptian Architects conference, 1987 .
- “Architecture of Educational Facilities in the Desert”, paper presented at the International Conference for Basic Education and Cultural Centers, Feb. 1990.

- The Local Materials Industry and its Effect on the Development of Urban Environments”. Paper presented at the Conference of Industrial Development, National Center for Social Research; Feb. 1990.
- Member of the organizing committee and speaker at the conference of “The City as an Eco-System” held by the GTZ/Fredrich Ebert Institute and the Governorate of Aswan; Nov. 1991.
- Member of the organizing committee and speaker at the conference of “The City and Heritage” held by the Society of Egyptian Architects; Nov, 1991.
- Member of the Organization Committee; Congress of the International Union of Architects; Cairo, 1992.
- Urban 21 Conferences; Berlin, July 2000.
- Participate upgrading of rural village (kom loleh) the Luxor west bank as a consultant Hanzsidel 2008
- Proposal for Development of the city of Luxor to be environment appropriate (green Luxor) 2008
- the new town of Sidi Abdallah Proposal to be a model of an eco city (Algeria) and the Ministry of State and Urban Development in Algeria 2008-2009
- Consultant of the Supreme Council of Antiquities rehabilitation of the Carter Museum and the surrounding area of Luxor west bank 2009
- rehabilitation of the Historical Fashion Museum and Rommel's Cave (the Supreme Council of Antiquities)2010
- Construction project of building guards Environment St. Catherine Protectorate in Sinai (Consultant for state Ministry for the Environment) 2010
- (model of eco city) In coordination with the Supreme Council of Antiquities (Ministry of State for Environmental Affairs of Luxor and the province of those concerned with climate change)
- Home page ashoka Arab world (outreach@ashoka-arab.org) (www.ashoka-arab.org)
- Google search Hany El Miniawy + Archnet.org.