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PORTFOLIO

Socio-economic Studies



HUMAN-CENTRIC, SUSTAINABLE SOCIOECONOMIC DEVELOPMENT



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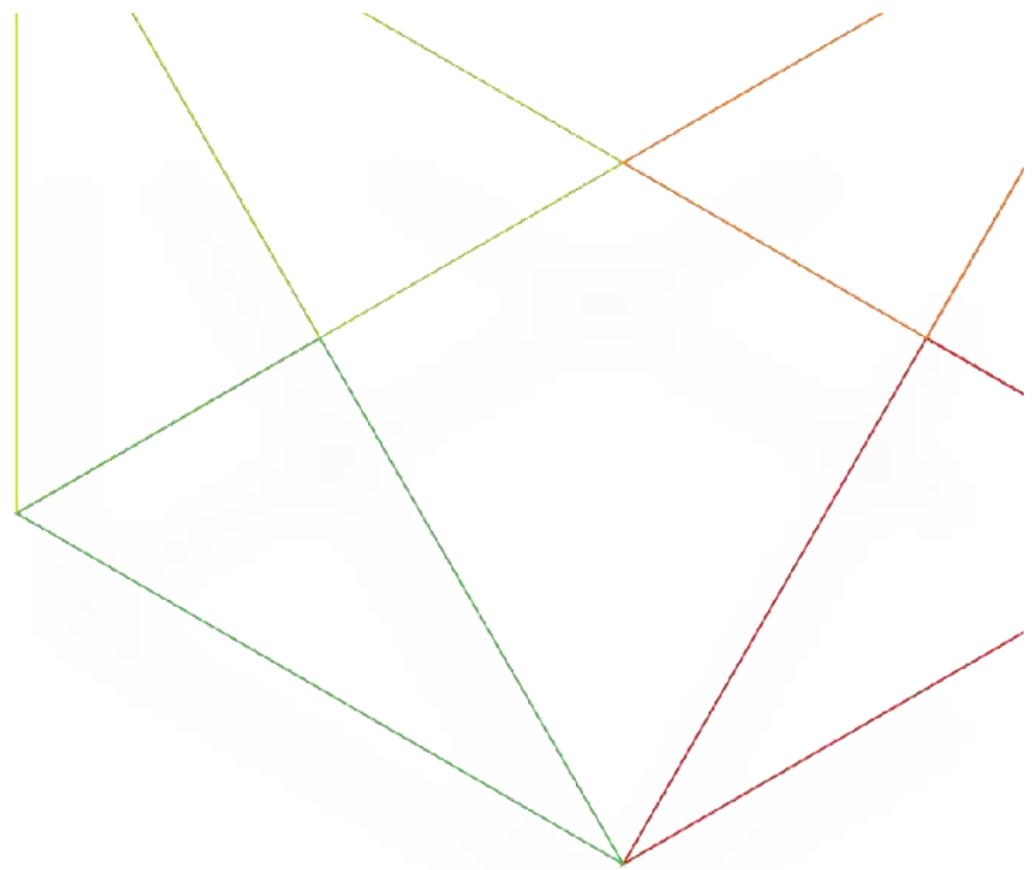
Service Schemes: Socioeconomic Development

Socio-economic Development Scheme

Socio-Economic Impact Assessment Studies	Strengthening Citizens' Accountability & Social Entrepreneurship	Decentralization Assessment & Support	
Local Development Strategies and Plans	Localization of SDGs and National Plans	Investment Mapping (Local Benefit Focus)	CSR Strategies and Implementation Support
Inclusion Policies, Assessment & Implementation Support	Gender Mapping & Assessment	Public Service Delivery Enhancement	Employment Strategies, Planning, and Management



Portfolio: Socio-economic Studies



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List of Socio-economic & Relevant Studies.

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#	Year of Contract	Country	Project Title
1	2022	JO	Social and Economic Impact of Covid19 on Women in the Private Sector, Two Years to the Start of the Pandemic
2	2019	JO	Feasibility Study of Producing Sulfate of Potash (SOP) & Compounded Fertilizers (NK) in Al-Jeeza Area
3	2017	JO	Afforestation Consultancy Services "ITB-JOR-MAD-2017-001", Wadi Mujib
4	2016	IQ	Economic Feasibility Study for the Establishment of Karbala Mall
5	2014	IQ	Local Economic Rehabilitation & Development Guide and Manual for Iraqi Governorates
6	2014	KRI	Assessment of Kurdistan Vision for Future 2020
7	2014	IQ	Al Nashwa Subdistrict Socio-economic Study to advice Oil firms' CSR Strategies
8	2014	IQ	Al-Dair District Socio-economic Study to advice Oil firms' CSR Strategies
9	2014	IQ	Consultation and Training Support to the Basra Water Supply Improvement Project (BWSIP)
10	2013	IQ	Preliminary Socioeconomic Impact Assessment Study for the Establishment of Duhok Airport (DIA)



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List of Socio-economic & Relevant Studies Cont.

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#	Year of Contract	Country	Project Title
11	2013	IQ	Capacity Building on How to Conduct Economic and Feasibility Studies for livelihood projects
12	2012	KRI	Budget Execution Support and Local Area Development Program in Kurdistan Region of Iraq (BES-LADP)
13	2012	KSA	Development of a Long-term Contract for Management & Operation of the Company by a Third Party
14	2010	IQ	Local Area Development Program for Iraq (LADP)
15	2008	KSA	Development of Economic and Financial Model for Business Valuation & Determination of Company Fair Value
16	2007	KSA	Upgrading of the Economic Feasibility & Socio-economic Impact Assessment for the Establishment of a Floating and Dry Dock for Shipbuilding and Repair at Yanbu
17	2007	KSA	Project: Preliminary Economic, Feasibility & Financial study for Developing, Constructing, and Operating an Industrial Estate in Rabigh, KSA
18	2007	KSA	Economic Feasibility for a Petrochemical and Crude Oil Tanker Company

Please note that projects 16-18 are ICs assigned to our associate Eng. Sartawi



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Project: Social and Economic Impact of Covid19 on Women in the Private Sector, Two Years to the Start of the Pandemic

Client/FY: Al Quds Center for Political Studies, Funded by The Norwegian Embassy/2022

Project Highlights: A national level quantitative and qualitative study, Team Leader: Dr. Rana El Akhal.

Main Tasks: Survey tools development, enumerators training, Tech assisted field survey, piloting, field data collection, analysis of quantitative data, focus groups, dissemination workshops, qualitative data, KIIs, media coverage, recommendations to policy makers.

Key Stakeholders: Private Sector, Government of Jordan, UN and Int. Agencies

The study was conducted at a **national level** covering all governorates using a combination of quantitative and qualitative study approached. It measured the impact of covid19 on women in the private sector including **businesswomen, informal business owners & employees**. It measured the impact at three levels; social, economic and psychological.

Social impact: lifestyle, family activities, social activities, childcare, responsibilities burden, mobility, harassment, violence both economic and domestic.

Economic impact: Household income, revenues, access to finance, unemployment and layoffs, impact on business growth, markets, contracts, business processes.

Psychological impact: stress levels, stability of family bonds, and future aspiration.

The study included a rich set of recommendations and suggested set of actions at short, mid and long-terms at policy level, programs level and operational reforms.





Project: Feasibility Study of Producing Sulfate of Potash (SOP) & Compounded Fertilizers (NK) in Al-Jeeza Area

Client/FY: Group of Investors under incorporation/2019

Project Highlights: Site: Al Jeeza, 25 km south the capital Amman. Land area 30,000 m²

Main Tasks: Economic and financial feasibility with summary investment pitching model

Key Stakeholders: Arab Potash LTD, consumers and agents in export markets

This project was prepared for a group of individual investors under incorporation. The project is export oriented.

Main tasks included:

- Assessment of local, regional and international demand in the markets, capacity market share, and pricing analysis.
- Technical study includes operating process, technology options, comparison analysis and ideal process selection, inputs and estimation of CAPEX and OPEX
- Analysis and assessment of the financial and economic feasibility of the project.





Project: Afforestation Consultancy Services “ITB-JOR-MAD-2017-001”, Wadi Mujib

Client/FY: Danish Refugee Council (DRC), Funded by GIZ/2017

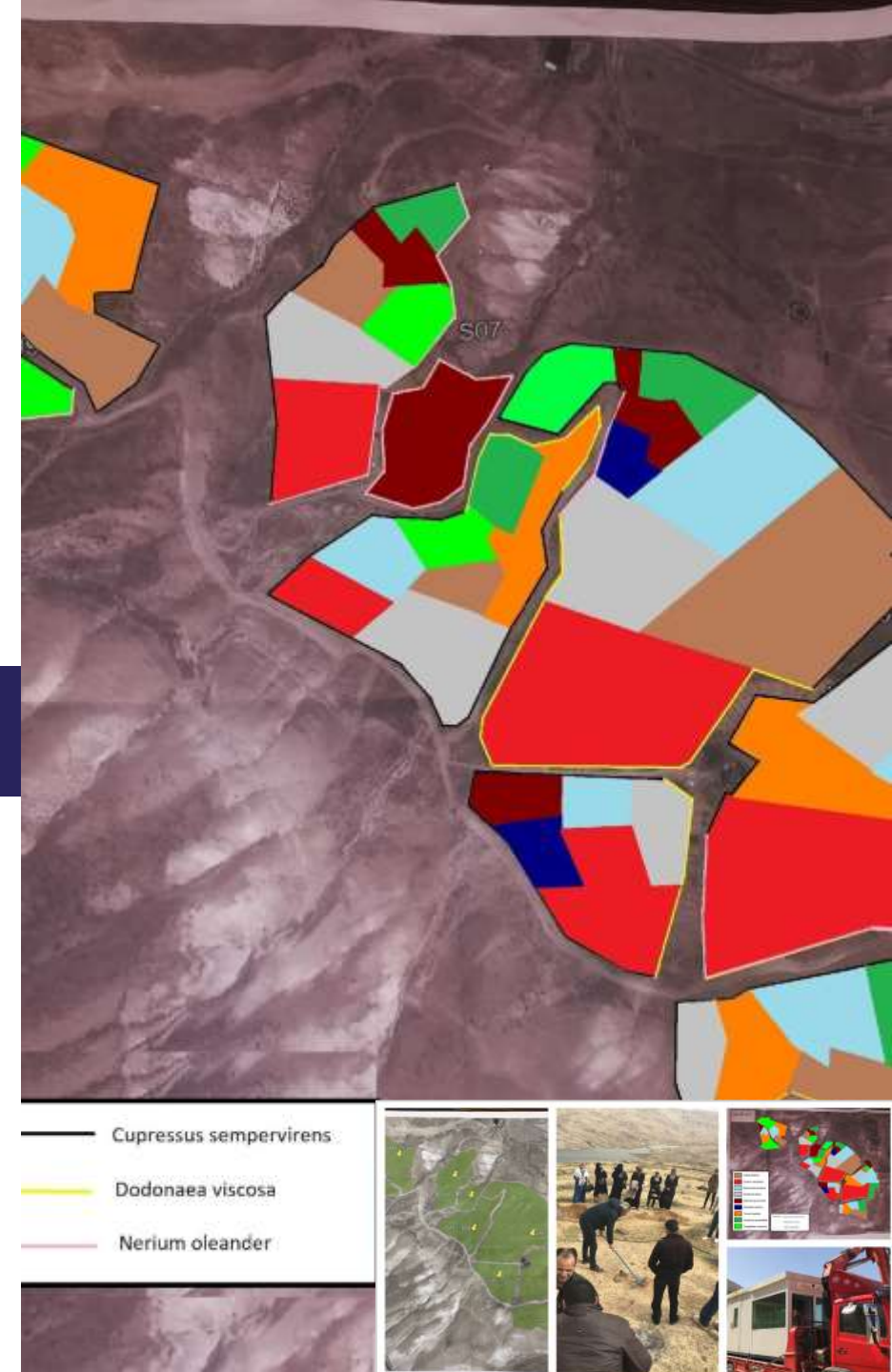
Project Highlights: location area 550,000 m², Employment of 3000 Jordanian and Syrian refugees – Team Leader: Dr. Rana El Akhal.

Main Tasks: Area and neighborhood study, land surveying, plantation landscaping, plants selection and distribution, topography GIS map design, infrastructure and construction specifications, bills of quantities for construction items, employment plan and scheduling, foremen training, employment planning & scheduling.

Key Partners: Ministry of Agriculture. Jordan Valley Water Authority

Wadi Al Mujib south of Jordan has one of the main water dams of 29.8 m³³. The dam capacity decreased due to soil erosions, overgrazing and illegal water consumption by nearby farmers. The community around the dam is mostly rural tribal hosting Syrian refugees. Both, the locals and the refugees are of extremely limited income and high unemployment rates. The project has the main aim of providing employment opportunities to both locals and hosted refugees through recruiting for the establishment of the forest on the upstream of the dam, which will also protect the soil and accordingly minimize erosion and enhance dam capacity, enhance quality of air in the area, provide grazing areas around the forest for shepherds, and provide long term economic and employment opportunities through safeguarding and maintaining the forest as well as in other tourism and recreational businesses to be created within the forest zones.

Total employment opportunities in establishment phase – 2052 labor/month





Project: Economic Feasibility Study for the Establishment of Karbala Mall

Client/FY: Al Hurra LTD. Project Owner: Shamara Holding Group /2016

Project Highlights: Karbala the governorate of religious vitality with religious tourism showed increasing trend while the governorate lacks suitable and enough facilities including lodging, shopping and public areas.

Main Tasks: Economic and social study, financial feasibility, financial modeling, and investment options.

Key Stakeholders: Investment Commission of Karbala', Community of the governorate, commercial and supply chain enterprises

The project is an IC type. the scope of the project included: Economic and market, technical and financial studies.

The economic and market section included various demand aspects such as governorate's population, population growth rate, average income, supply chain, and others. It also included expected changes as a result of the governorate master plan implementation.

The technical included site appropriateness assessment, construction needs, resources including labor and machinery, and a plan for implementation phases.

The financial included analysis and assessment of the financial and economic feasibility and a development of a financial model for the founding, operating and scaling phases.



Project: Local Economic Rehabilitation & Development Guide and Manual for Iraqi Governorates

Client/FY: ILO Regional office, Project Owner: Ministry of Planning- Iraq, governorates of Iraq, public servants, elected governorate councils 2014

Project Highlights: The project is part of LADP program – ILO action

Main Tasks: Review and finalization of the local economic rehabilitation and development guide (LERD Guide) for Iraq

Key Stakeholders: Economic sectors of Iraq, provincial councils, public sector ministries of relevance

The **objective** that this contract addresses within the LADP program is to stimulate local economic development and generate short-term and sustainable long-term employment.

Results forecasted:

- The local business environment for small businesses in the three targeted areas will have improved
- New small enterprises and cooperatives will have been established in the three targeted areas.

To sustain the results created, a comprehensive economic development guide was developed through involvement of various stakeholders. Read more on

https://www.ilo.org/beirut/projects/WCMS_195282/lang--en/index.htm and on

https://www.ilo.org/empent/Publications/WCMS_101318/lang--en/index.htm





Project: Assessment of Kurdistan Vision for Future 2020

Client/FY: UNDP, Project Owner: Ministry of Planning Kurdistan Region/2013

Project Highlights: A vision document for the autonomous Kurdistan region of Iraq.

Main Tasks: Assessment of content inclusion, and stakeholders' engagement in the process..

Key Stakeholders: Representatives from all socioeconomic and development Sectors

Kurdistan Region of Iraq 2020: A Vision for the Future" aims to provide a framework for policy development by government officials, define five-year policy priorities, and outline ways of improving opportunities for the people of Kurdistan.

The Assignment of this project had three main objectives:

1. Assessing the Vision's document in terms of its inclusiveness to key socioeconomic dimensions,
2. Assessing the process of developing the Vision, in terms of engagement of key stakeholders
3. Advise the Ministry of Planning on recommended enhancements

Read the document on <https://andp.unescwa.org/plans/1141>



Ministry of Planning
Kurdistan Regional Government

Kurdistan Region of Iraq 2020



A Vision for the Future



Project: Al Nashwa Subdistrict Socio-economic Study to advice Oil firms' CSR Strategies

Client: UNDP-Shell Oil Partnership, **Owner:** Board of Oil Companies Operating in Majnoon Oil Field/ 2014

Project Highlights: Land area 563 square km, adjacent to Shat Al Arab, shares borders with Iran and is a service center to oil fields, mainly the biggest oil field "Majnoon"

Main Tasks: social study and identification of community needs, prioritization of initiatives, cost benefit analysis

Key Stakeholders: Oil & Gas companies operating in Majnoon oil field, community, civil society organizations, int. development cooperation agencies

Al Nashwa sub-district is a rural style area with several villages. It used to have one of the most unique species of palm trees pre the war. Majority of community members are humbly educated and skilled as farmers. The exploration of oil at Majnoon field affected the area and its community negatively due to increased pollution and lack of employment opportunities that match locals' set of competencies. The project team led by Dr. Rana El-Akhal implemented a thorough field survey segmented by age group, gender and residence area. Combined with KIIs and focus groups with community leaders and influencers to identify priority needs. The list of needs was then assessed based on weighed criteria prioritization model to identify top ranked interventions. This process was followed by cost/benefit analysis and presented to Oil Steering Committee represented by Shell company who in their turn adopted the implementation of identified top priority interventions



Project: Al-Dair District Socio-economic Study to advice Oil firms' CSR Strategies

Client: UNDP-Shell Oil Partnership, **Owner:** Board of Oil Companies Operating in Majnoon Oil Field/ 2014

Project Highlights: land area 825 km²,

Main Tasks: social study and identification of community needs, prioritization of initiatives, cost benefit analysis

Key Stakeholders: Oil & Gas companies operating in Majnoon oil field, community, civil society organizations, int. development cooperation agencies

Al Dair district used to be an industrial area hosting paper factories. The district is also at the main highway connecting Baghdad with Basra governorate. Post the war, factories are out of order impacting unemployment. Exploration of oil in Majnoon field was accelerated influencing community lands and habitats, decreasing environmental safety and offered job opportunities that don't match the existing supply competencies and skillsets. The project team led by Dr. Rana El-Akhal implemented a thorough field survey segmented by age group, gender and residence area. Combined with KIIs and focus groups with community leaders and influencers to identify priority needs. The list of needs was then assessed based on weighed criteria prioritization model to identify top ranked interventions. This process was followed by cost/benefit analysis and presented to Oil Steering Committee represented by Shell company who in their turn adopted the implementation of identified top priority interventions.



Project: Consultation and Training Support to the Basra Water Supply Improvement Project (BWSIP)

Client/FY: NJS Consultant, **Owner:** Basra Governorate, **Co-financing** Japan Gov./2014

Project Highlights: 360 cubic meters/day water treatment plant associated with 33/133kVA substation.

Main Tasks: Assessment of national & local human talents, strategy for capacity building, delivery of structuring technical support and training followed by post assessment

Key Stakeholders: relevant public sector departments, JICA, citizens of Basra province

The project is a framework agreement, composed of several task orders over a period of two years, where our team assessed socioeconomic factors with a focus on existing public structures and national human capital capacity to hold the responsibility of safeguarding the plant, manage the supply and demand, and oversee the daily operations of the main station and substations. The tasks included support in satellite image uses for GIS, NRW, household and commercial pricing models, cost engineering, cost analysis as well as management structure, competencies and skills.





Project: Preliminary Socioeconomic Impact Assessment Study for the Establishment of Duhok Airport (DIA)

Client/FY: CIELO Engineering Co, **Project Owner:** Engineering Dept. Duhok Governorate/2013

Project Highlights: Land Area 14.97km², Investment \$450 m.

Main Tasks: preliminary assessment of social and economic benefits on supply chain enterprises and on investment opportunities

Key Stakeholders: supply chain enterprises, tourism sector, investment commission, communities of Duhok province

The Study assessed social and economic projected benefits as a result of establishing DIA, considering the existence of a previously established 2 international airports; one in Erbil and one in Sulaymaniyah provinces. The tasks included:

- Review of prepared studies such as feasibility studies, project plan, provincial statistics
- Stakeholders' analysis and focus groups with various segments of stakeholders including local communities in a gender sensitive approach, youth, local businesses, community, tourism industry components, trade chambers, logistics and cargo, investment commission and investors.
- Assessment of economic benefits at macrolevel segregated into domains; business travel, tourism, cargo, and investment.



Project: Capacity Building on How to Conduct Economic and Feasibility Studies for livelihood projects

Client/FY: UN-Habitat, **Project Owner:** Ministry of Planning- Iraq, governorates of Iraq, public servants, elected governorate councils of 12 governorates/2013

Project Highlights: Public sector cadre in planning, design and procurement departments

Main Tasks: development of contents, training delivery, coaching and technical support

Key Stakeholders: Municipalities, infrastructure firms, Consultants, Investors

The assignment aimed at building the capacities of public sector employees responsible for procurement and planning on how to assess socio-economic feasibility for municipal public service projects from a human centric development perspective instead of the regular profit-loss approach.

Tasks include:

- Development of customized training content including guidelines, templates and case studies
- Coaching support post the training, provided to public sector for the implementation of learning gained
- Review of developed socio-economic feasibility studies for livelihood governmental projects





Project: Budget Execution Support and Local Area Development Program in Kurdistan Region of Iraq (BES-LADP)

Client/FY: UNDP, Project Owner: Government of Kurdistan Region/2012-2015

Project Highlights: LTA agreement, part of Euro 48.5m program

Main Tasks: Enhancing sustainability of LADP socioeconomic development through provincial development strategies, budget planning reforms and enhancement to the Kurdistan Development Management System (KDMS)

Key Stakeholders: Ministry of Planning, Ministry of Finance, Governorate offices of Erbil, Sulaymaniyah and Duhok

The Consultant supported the government of Kurdistan region in

- Assessing cross-sectoral social and economic needs in each province
- Prioritizing development interventions
- Budgeting and identification of development KPIs
- Developing three provincial development strategies, long, medium, and short-term plans & budgets with KPIs.
- Identifying required budgetary reforms to enhance budget spending efficiency at provincial level
- Identify and recommend enhancements to the KDMS (Kurdistan Development Management System) hosted at the Ministry of Planning.
- Producing user friendly guides & toolkits to sustain impact
- Institutionalize knowledge by establishing steering committees and planning teams in each province



Project: Development of a Long-term Contract for Management & Operation of the Company by a Third Party

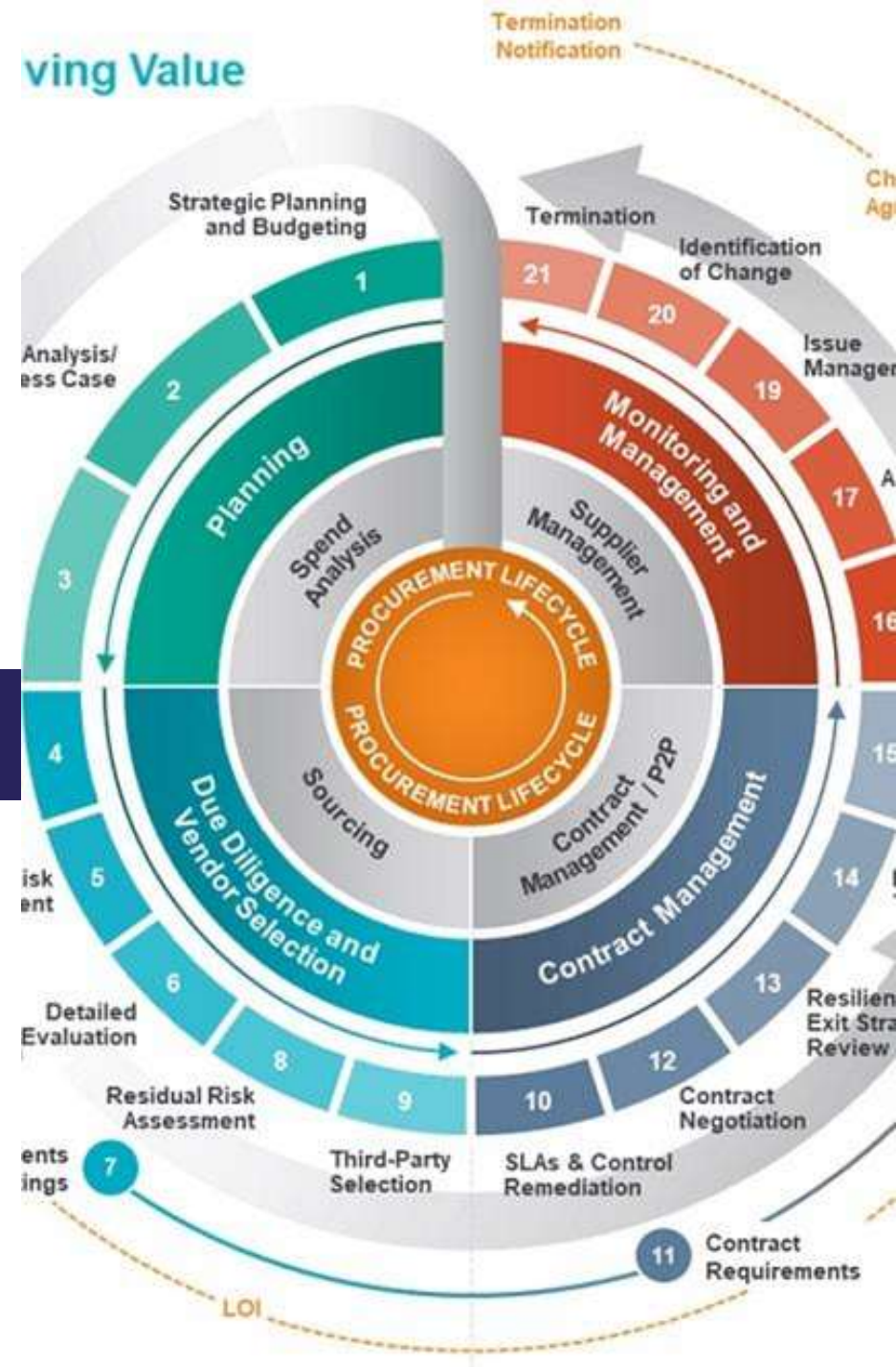
Client/FY: Al Mukairish Holding Group/2012

Project Highlights: Business operations, outsourcing, financial modeling, risk assessment

Key Stakeholders: Potential investors, similar firms

Project's main components:

- Business operation analysis
- Cost/benefit analysis
- Risk analysis (employees, IT, business data privacy, impact on business history, ...)
- Critical risk threshold identification
- Financial modeling of TPM
- Third Party audit requirements and costs



Project: Local Area Development Program for Iraq (LADP)

Client/FY: UNDP, Project Owner: UN agencies of the Iraqi Trust Fund and the Iraqi Ministry of Planning as the national counterpart/2010 - 2012

Project Highlights: Long Term Agreement. 12 Iraqi provinces

Main Tasks: Enhance delivery of public services at provincial level through social and economic assessment, planning, budgeting and capacity building of public and civic stakeholders

Key Stakeholders: All directorates of the public sector, civil society organizations, elected provincial councils, ministry of planning, ministry of finance, UN agencies

The project's contract is governed by an LTA (Long Term Agreement) offering our services to all UN agencies operating in Iraq through contracts administered by UNDP.

The project scope included socioeconomic assessments for the purpose of developing provincial development plans and it involved a wide spectrum of capacity building activities including training, coaching and mentoring of elected provincial council members, planning directorates, governorate staff and civil society organizations.

See the documentary of the project on <https://www.youtube.com/watch?v=BG8IVFfHMMI>

Read more on <https://www.undp.org/iraq/publications/fast-facts-local-area-development-programme-ladp>



Project: Development of Economic and Financial Model for Business Valuation & Determination of Company Fair Value

Client/FY: Al Mukirish Holding Group/2008

Project Highlights: Company Valuation

Key Stakeholders: Potential investors, similar firms

Main Components included:

- Tangible and nontangible assets
- Goodwill valuation
- Comparative analysis valuation
- Cash flow
- Future potential valuation



Project: Upgrading of the Economic Feasibility & Socio-economic Impact Assessment for the Establishment of a Floating and Dry Dock for Shipbuilding and Repair at Yanbu

Client/FY: EDSCO Company - Al Mukirish Holding Group/2007.

Project Highlights: The assignment of the studies was assigned as an IC to avoid procurement complications. Medal llc consultant assigned is Eng. Mohammad Sartawi.

Main Tasks: market studies, desk review, financial feasibility and socioeconomic impact

Key Stakeholders/Partners: Ministry of Transport, Trade, Shipment and logistics Enterprises

The project aims at the construction and operation of a modern floating dock and repair and maintenance facilities to provide shipbuilding and ship repair and maintenance services at the regional level. The project is located at Yanbu, Saudi Arabia. The project involve floating drydock, the dry dock and all the necessary maintenance and repair workshops including mechanical, electrical, blasting, painting, testing, piping and technical and engineering facilities.

Main Segments of the project included:

- Market studies to determine project size, market share, and service pricing
- Review available technical studies covering all project inputs requirements and CAPEX ,OPEX estimations
- Analysis and assessment of financial feasibility and socio-economic impact



Project: Preliminary Economic, Feasibility & Financial study for Developing, Constructing, and Operating an Industrial Estate in Rabigh, KSA

Client/FY: Al Mukirish Holding Group/2007

Project Highlights: land area 2.4 million square meter.

Main Tasks: Social, economic impact assessment, financial feasibility assessment and investment viability and options

Key Stakeholders: industrial businesses, supply chain enterprise, financing institutions, relevant public sector, potential investors

The project aims at assessing socio-economic benefits, financial feasibility, and investment options, for developing, constructing and operating an industrial state in Rabigh.

Main Segments of the project included:

- Market studies to determine project size and potential sectors
- Review and benchmarking with similar models
- Technical studies covering all project inputs and requirements
- CAPEX ,OPEX estimations
- Investment options analysis
- Analysis and assessment of financial feasibility and socio-economic impact



Project: Economic Feasibility for a Petrochemical and Crude Oil Tanker Company

Client/FY: Al Mukirish Holding Group/2007

Project Highlights: economic and financial feasibility

Key Stakeholders: supply chain enterprises, investors, relevant public and civic entities

The project aims at assessing economic benefits and financial feasibility

Main Segments of the project included:

- Market studies to determine project size and potential sectors
- Review and benchmarking with similar models
- Technical studies covering all project inputs and requirements
- CAPEX ,OPEX estimations
- Investment options analysis
- Analysis and assessment of financial feasibility and socio-economic impact





**We look forward to assist you,
drop us an email or call us**

info@medalconsulting.com

Cell: +962 (0) 791960065

Tel: +962 (06) 516 5562

Medal Team

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