

Republic of Iraq

Ministry Of Industry & Minerals

**New Petrochemicals & Fertilizers Projects
Subject to Investment in Iraq (2018 – 2035)**



Introduction

Iraq will expand its position export - oriented industries by increasing capacity and capturing increased value from down stream petrochemicals & fertilizers activities . The plans were made for the next 15 - 20 years and it is assumed that capacity in these industries will continue to grow after 2035 as permitted by global market conditions and domestic hydrocarbons supply . The government of Iraq plans to encourage the private sector (Global and locals) to the investment in down stream petrochemicals & fertilizers industries as per the following :

- Expansion of petrochemicals capacity : increase petrochemicals capacity level up to 15.6 MTPA by 2035.
- Expansion of Urea Capacity : increase Urea capacity level up to 6.2 MTPA by 2035.



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**New petrochemicals
complexes Subject to
Investment
(2018 – 2035)**



Petrochemical Complex

Project Site : ALFAO Peninsula , Basrah Region (South of Iraq) Or Babylon Region (Mid Of Iraq) . .

Project Owners : Subject to Investment .

No of Phases : Two Phases.

Feed Stock :

- ❖ Liquid Hydrocarbons Derivatives (Phase One).
- ❖ Ethane & Liquid Hydrocarbons Derivatives (Phase 2).

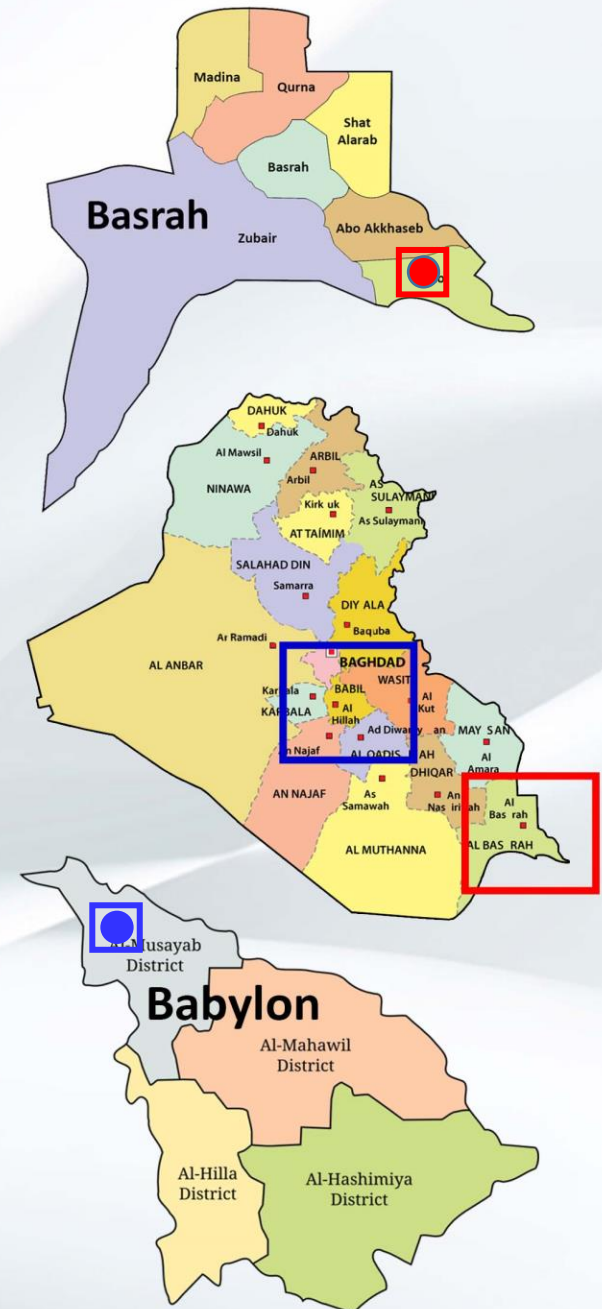
Project Design Capacity :

- ❖ 1400 KTA Ethylene Based

❖ Final Products :

❖ **Phase.1 :** PE Plants , Black Compounding, PP , Hexene-1, Ethylbenzene , Styrene, PS, & Utilities

❖ **Phase.2 :** MTBE, PBR, SBR, Terephthalic Acid , PET, PO/Poly ether polyol , Dinitrotoluene , Toluene Di-Amine / Toluene Di-Isocyanate, Nitrobenzene , Aniline,



Petrochemical Complex

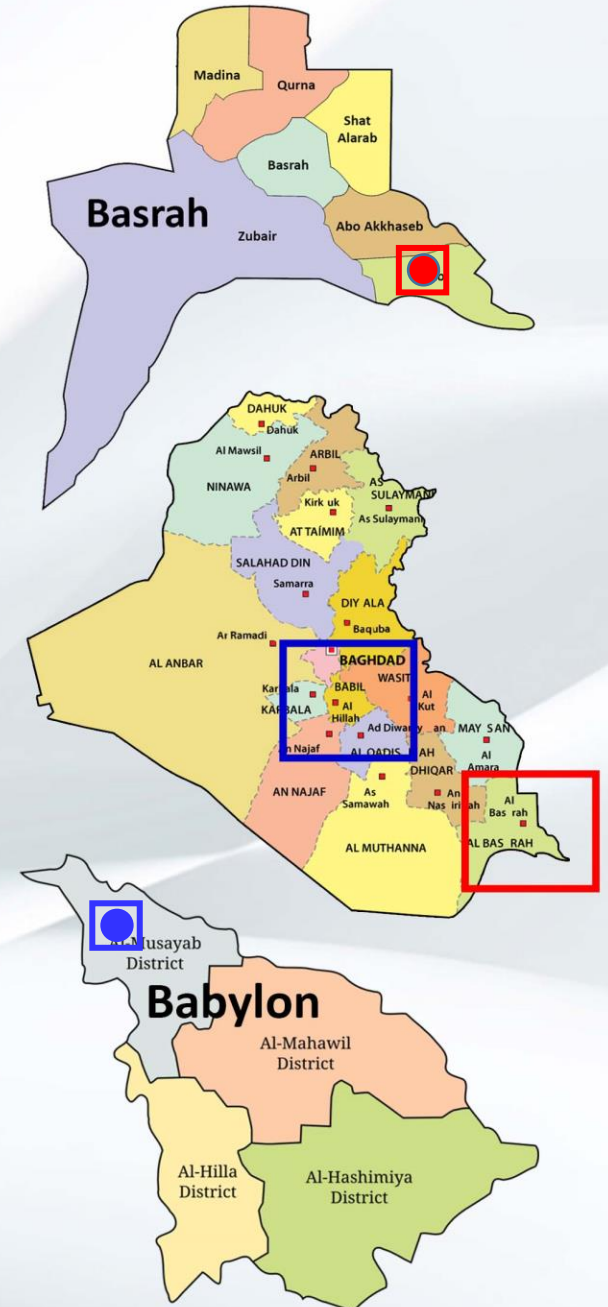
MDA/MDI, Chlorine , HCL recycle to Chlorine , POX+CO2
Purification , Nitric Acid, Hydrogen Peroxide,
Formaldehyde & Utilities

Expected CAPEX : Under Studying.

Project Scope : ISBL , OSBL.

IRR Target : 15%.

Note : Process Units are Subject to Modifications , Final
Scope of The Complex Depends on The Feasibility
Studies Results & The Investor Interest .



Petrochemical Complex

Project Site : West Qurna Or ALFAO Peninsula,
Basrah Region (South of Iraq).

Project Owners : Subject to Investment .

No of Phases : One Phase.

Feed Stock : Propane .

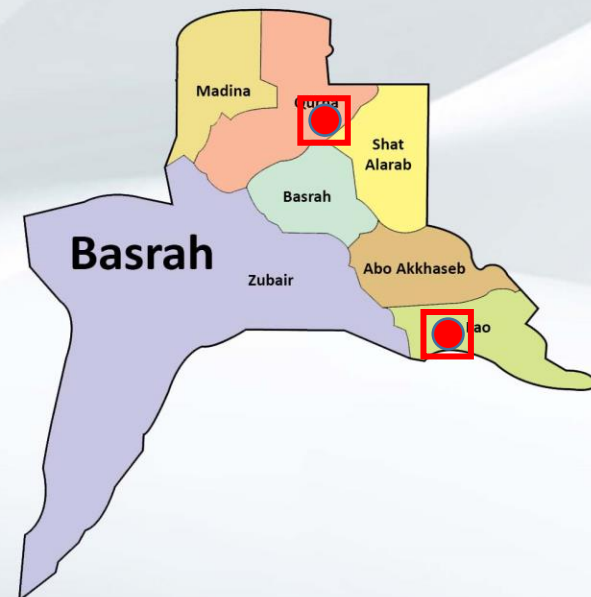
Project Design Capacity : 650 KTA Propylene Based
(PDH Technology).

Final Products : Poly Propylene.

Expected CAPEX : 1.9 BN USD.

Project Scope : ISBL , OSBL.

IRR Target : 17%.



Petrochemical Complex

Project Site: ALFAO Peninsula, Basrah Region (South of Iraq)

Project Owners : Subject to Investment.

No of Phases : Two Phases .

Feed Stock : Methane

Project Design Capacity : 1700 KTA Methanol Based.

Final Products :

Phase.1 : Methanol, MTBE, Formaldehyde, Methyl chloride, Trioxane, Methyl Silanes, Poly Acetate, Phenol Formaldehyde, Urea Formaldehyde, Melamine Formaldehyde, Silicones & Utilities.



Petrochemical Complex

Phase. 2 : Chloroform, Carbon Tetra Chloride, Hydrogen Cyanide, Fluorochloro Hydrocarbon, Acetone Cyanohydrine, Poly tetra Fluoro Ethylene, Poly Methyl Methacrylate, Methacrylic Ester & Utilities.

Expected CAPEX : Under Studying .

Project Scope : ISBL , OSBL.

IRR Target : 15%.



Methanol Plant

Project Site : Baiji , Salah Aldien Region
(North of Iraq).

Project Owners : Subject to Investment.

No of Phases : One Phase.

Feed Stock : Methane.

Project Design Capacity : 1000 KTA.

Expected CAPEX : 0.75 BN USD.

Project Scope : ISBL , OSBL.

IRR Target : 17%.



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**New Urea projects Subject to
Investment (2018 – 2035)**



Ammonia / Urea Plant

Project Site: Abu Alkaseeb, Basrah Region (South of Iraq).

Project Owners : Subject to Investment.

No of Phases : One Phase.

Feed Stock : Methane.

Project Design Capacity : 1280 KTA Urea Pellets.

Expected CAPEX : 1.1 BN USD.

Project Scope : ISBL , OSBL.

IRR Target : 15%.



Ammonia / Urea Plant

Project Site: Khor Alzubair, Basrah Region (South of Iraq).

Project Owners : Subject to Investment.

No of Phases : One Phase.

Feed Stock : Methane.

Project Design Capacity : 1280 KTA Urea Pellets + 220 KTA Ammonia For Export.

Expected CAPEX : 1.4 BN USD.

Project Scope : ISBL , OSBL (Parts).

IRR Target : 15%.



Ammonia / Urea Plant

Project Site: Al-Qaim, Anbar Region (West of Iraq).

Project Owners : Subject to Investment.

No of Phases : One Phase.

Feed Stock : Methane.

Project Design Capacity : 1280 KTA Urea Pellets + 220 KTA Ammonia Local Demand.

Expected CAPEX : 1.5 BN USD.

Project Scope : ISBL , OSBL.

IRR Target : 15%.



Ammonia / Urea Plant

Project Site : Baiji, Salah Aldien Region
(North of Iraq).

Project Owners : Subject to Investment.

No of Phases : One Phase.

Feed Stock : Methane.

Project Design Capacity : 500 KTA Urea
Pellets.

Expected CAPEX : 0.5 BN USD.

Project Scope : ISBL , OSBL (Parts).

IRR Target : 17%.



THANK YOU

For more details , please contact
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