



NAVITAS

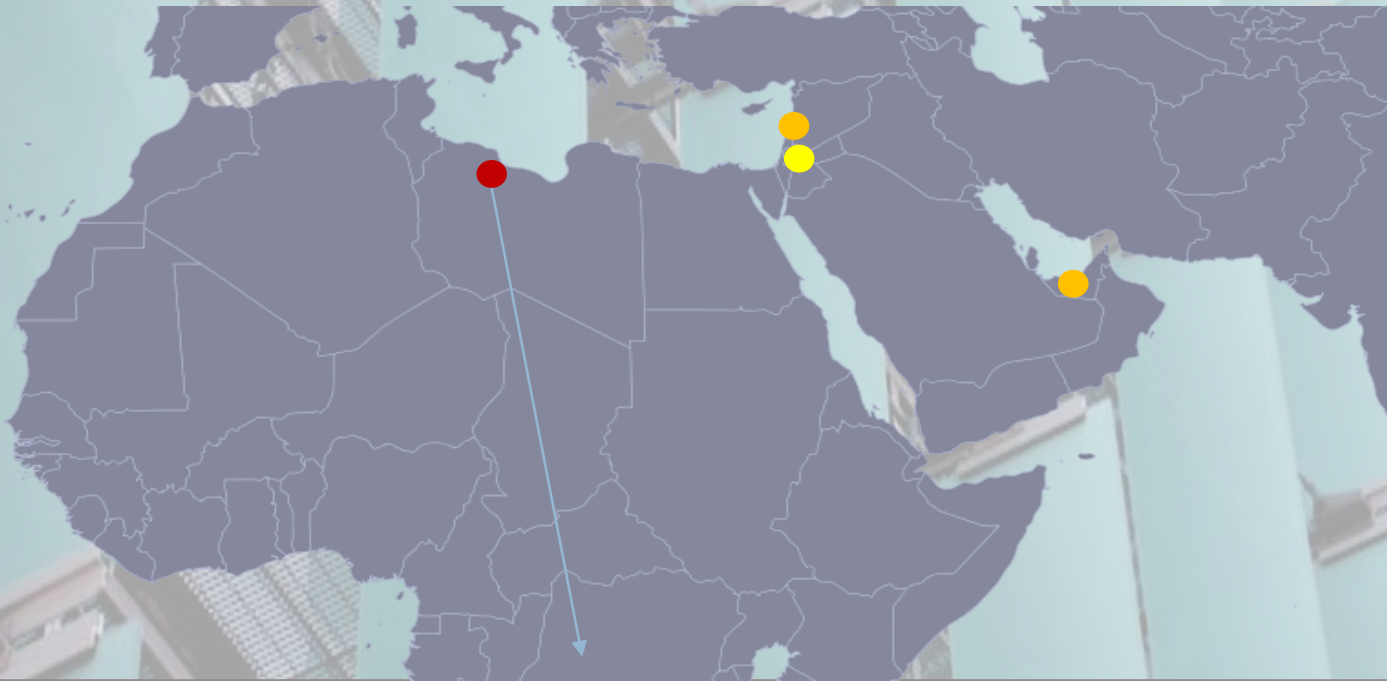
Ver 7-2021

The sky is the limit

navitas | engineering management
contracting company

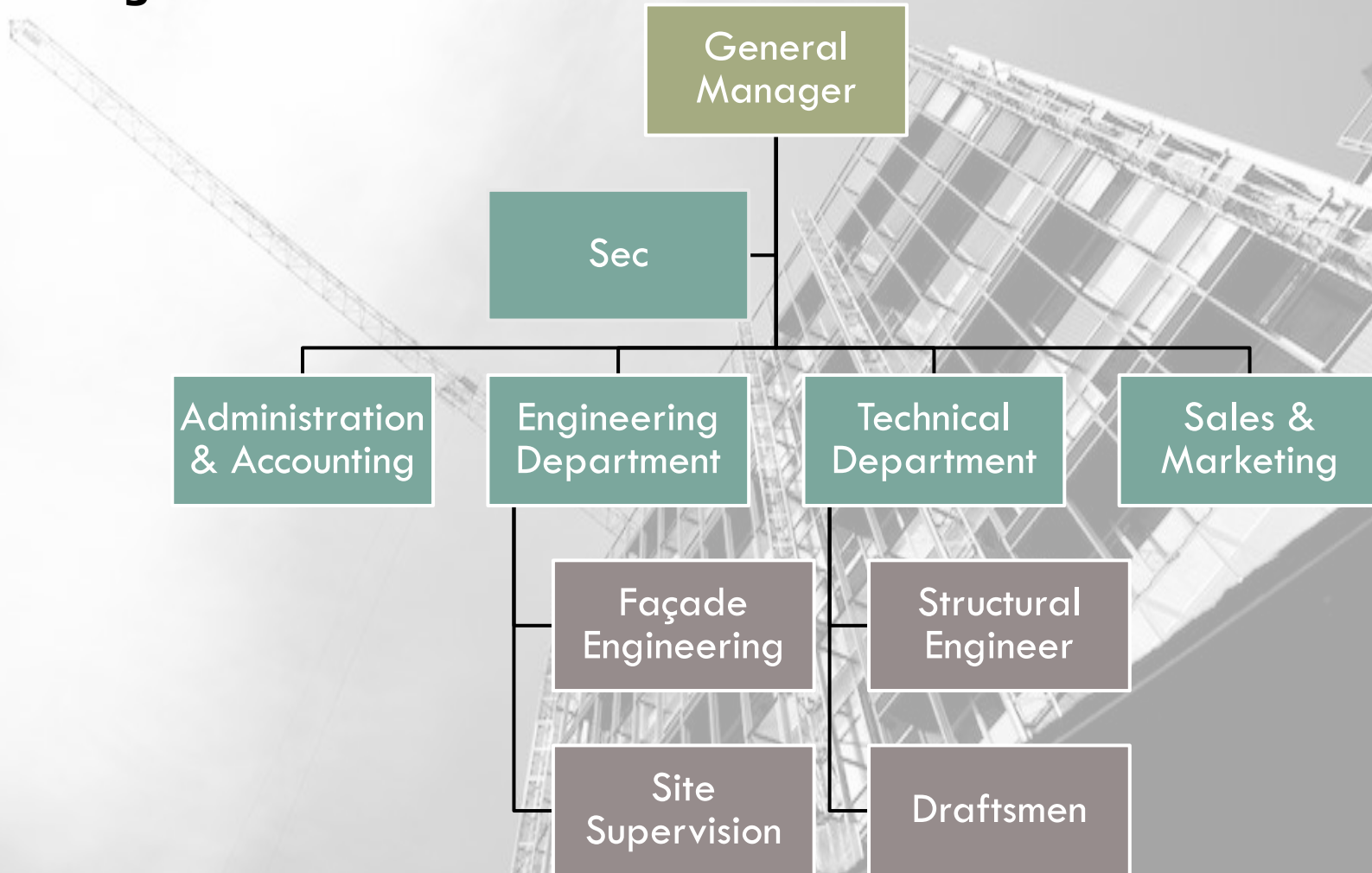
Introduction

- **Navitas** was established in 2007 in Kuwait and was relocated as to Jordan in June 2009. Navitas is specialized in Industrial and Curtain wall engineering. Today Navitas employs a big team of engineers covering its operation that has exceeded the local market to cover other markets such as Middle East Countries, GCC, and North Africa.
- **Navitas** has the main offices in Jordan – Amman and by the end of 2012 has opened a branch (**Navitas Africa**) in Tripoli, Libya which is being currently relocated to Lagos - Nigeria.



Company Structure

Organization Chart



Company Structure

□ Main team members

General Manager:

1- M.Sc Awwad Al Faouri

12 years experience in Façade Engineering (all aspects).

Façade Engineers:

2- Eng. Mohammad Hyasat

6 years experience in Façade Engineering (all aspects).

3- Eng. Yousef Lutfi

9 years experience in Façade Engineering (all aspects).

4- Eng. Razan Abu Shama

4 years experience in Façade Engineering (site supervision)

Support team

5- Mohammad Abu Rahmeh

11 years experience in technical drafting

6- Eng. Tha'er Saeed

6 years experience in technical drafting

Curtain Wall consultancy

Pre-tender Phase.

Providing a full technical study and review for the current specifications, drawings and BOQ.

All available documents will be studied in consideration with the client and consultant requirements and a list of questions, clarification and suggestions will be prepared to be sent to the consultant.

Deliverables:

- ☐ Aluminum & Glazing specification review report.
- ☐ Preparing a full Aluminum and glazing specification review that covers all related elements according to the consultant and owner needs and requirements in addition to complying with the related international standards.
- ☐ Drawing review report.
- ☐ Reviewing all architectural drawings of the project to ensure they comply with the specification.
- ☐ Reviewing BOQ for the aluminum and glazing package.
- ☐ Preparing detailed drawings for the aluminum and glazing addressing all relations between the system and the other project elements such as floorings, false ceiling, concrete slabs, corners, structural elements...etc.
- ☐ Preparing detailed openings and façade schedule for all related elements of the aluminum and glazing.

□ Curtain Wall consultancy

Pre-installation phase.

Reviewing all submissions such as material, details and shop-drawings provided by the subcontractor before submitting the same to the consultant / client for approval. This review will cover and include the following items:

- Material Submission: Verifying that the materials used are in compliance with the project specification and fulfilling the requirement of the international standards with regards to the safety, security, structural and general glass processing, including all technical data, certifications, tests reports mentioned in the specification or requested by the international norms.
- Special technical reports: a list of important reports will be coordinated with the aluminum contractor to submit for approvals, such as:
 - Structural analysis report for the different systems used.
 - Wind analysis report
 - Traffic Sound transmission report.
 - Glare Analysis report.
 - Safety and security report.
 - Optical distortion analysis report.
- Shop drawings review.

Curtain Wall consultancy

Installation phase.

Supervision on the fabrication of the material by the subcontractor if and when needed, and Supervision on the installation of subcontractor scope of work which would include the following:

- ☐ Reports on the progress of the work reflecting the current status on the agreed time schedule.
- ☐ Issuing NCR (Non Conformity Report) if and when needed.
- ☐ Providing the data and support for the consultant and supervision team for the preparation of the “monthly percentage of completion” report.
- ☐ Preparing the snag list for the scope of work in coordination with the consultant.
- ☐ Providing technical support for solving any site related problems with regards to the aluminum and glass works.
- ☐ Supervision on any needed site test such as water penetration tests.
- ☐ Support in preparing the internal handing over report.
- ☐ Façade testing (Water penetration test)

Services



Jobs in Hand

Projects (Curtain Wall consultancy)

▣ ABC Bank

New Headquarters Building

Amman - Jordan



Services



Previous Projects

Projects (Curtain Wall consultancy)

□ Golden Gate Mall

Amman - Jordan



Projects (Curtain Wall consultancy)

▣ Faculty of Pharmaceutical Sciences Project @ Hashemite University – Zarqa, Jordan



Projects (Curtain Wall consultancy)

▣ Al Adiyat for Machinery Trading –Amman, Jordan



Projects (Curtain Wall consultancy)

▣ St. Regis – Amman.



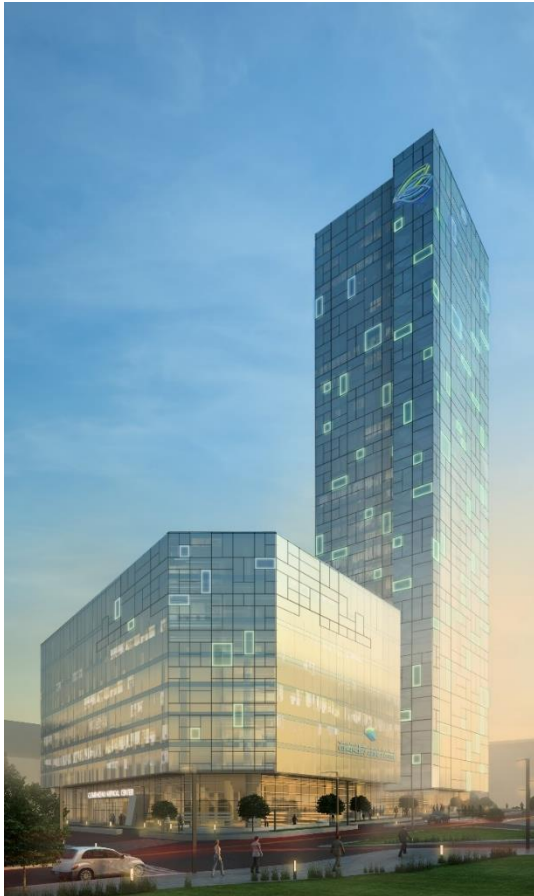
Projects (Curtain Wall consultancy)

▣ Financial Center – Amman, Jordan.



Projects (Curtain Wall consultancy)

■ CMC Hospital – Amman.



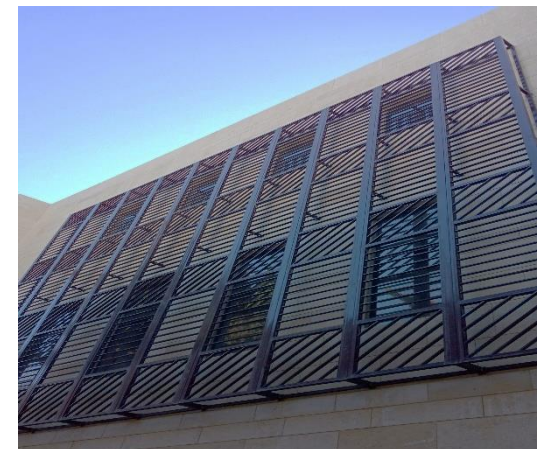
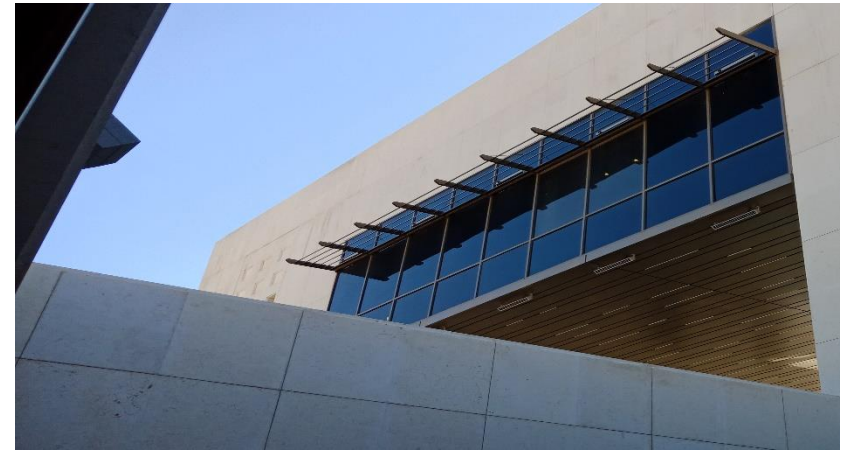
Projects (Curtain Wall consultancy)

▣ Queen Rania Teacher's Academy – Amman, Jordan



Projects (Curtain Wall consultancy)

▣ Kuwaiti Embassy –Amman, Jordan



Projects (Curtain Wall consultancy)

▣ Al Muhtasib Building



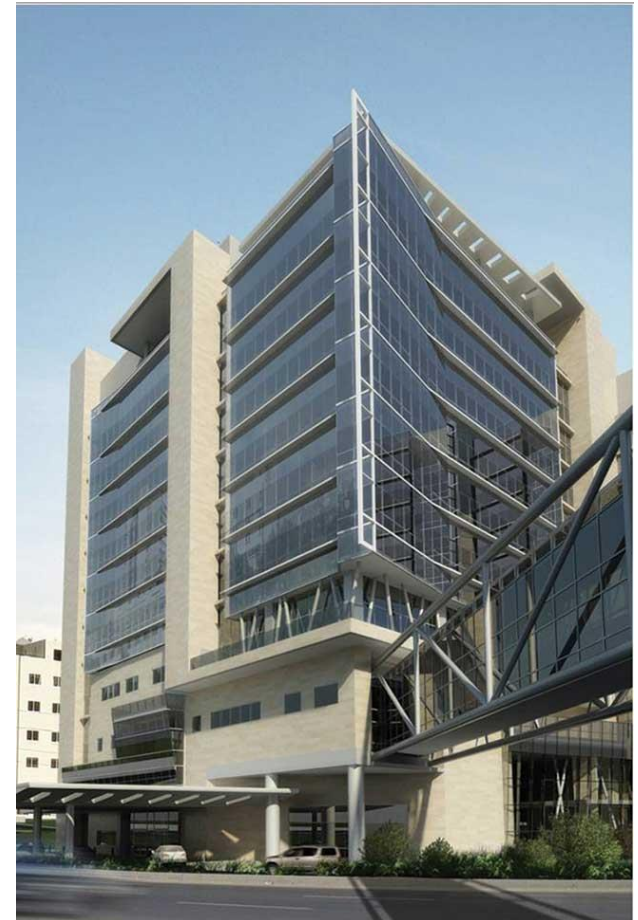
Projects (Curtain Wall consultancy)

▣ Housing Bank HQ – Amman.



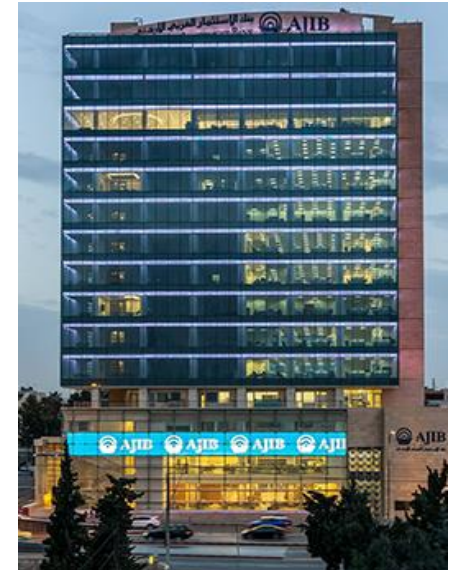
Projects (Curtain Wall consultancy)

▣ King Hussein Cancer Center – Amman, Jordan.



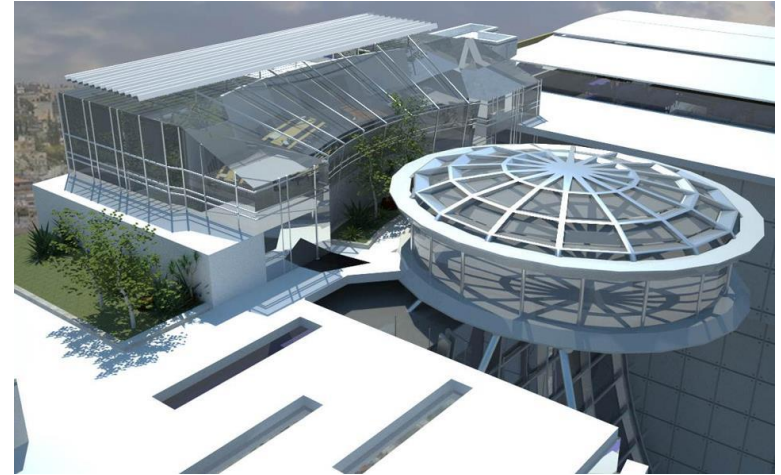
Projects (Curtain Wall consultancy)

▣ AJIB Bank – Amman, Jordan.



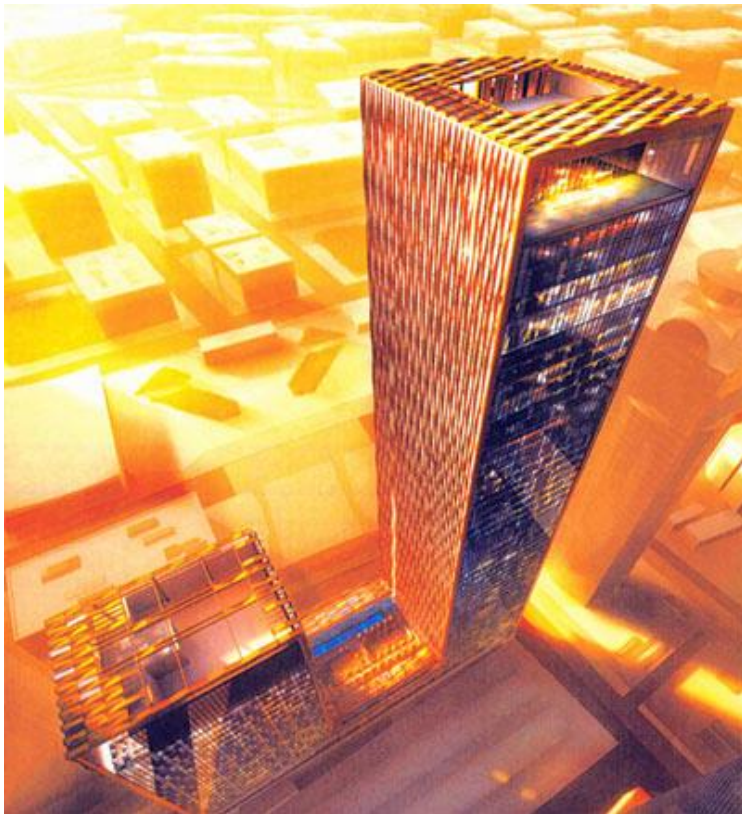
Projects (Curtain Wall consultancy)

▣ Shaza Kempinski Hotel – Amman.



Projects (Curtain Wall consultancy)

▣ Four Seasons Hotel – Kuwait.



Projects (Curtain Wall consultancy)

▣ Kind Abdulla University (Data Center) Riyadh – KSA.



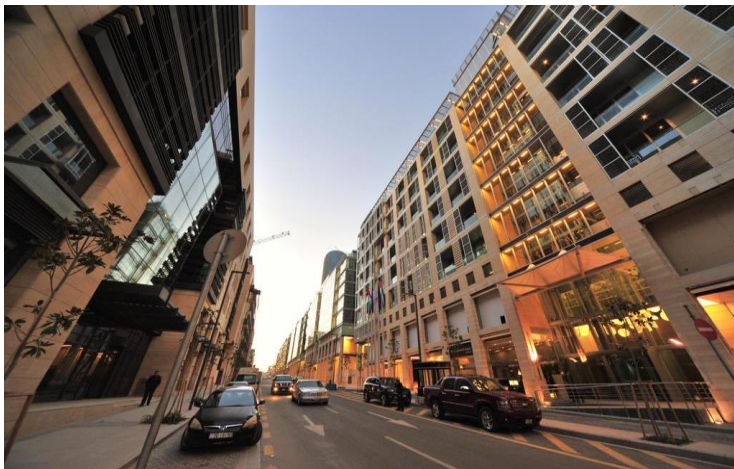
Projects (Curtain Wall consultancy)

▣ Palestinian Museum – Bier Zait - Palestine.



Projects (Curtain Wall consultancy)

▣ Bolívar – Amman.



Projects (Curtain Wall consultancy)

▣ Saudi Embassy – Jordan.

Owner : Ministry of Foreign Affairs
Consultant : Omrania - Jordan
Contractor : Gulf co-operation Symbols
Aluminum Contractor : Alumco SAL



Aluminum System : Schuco - Germany



Projects (Curtain Wall consultancy)

▣ DAMAC Tower - Amman.



Projects (Curtain Wall consultancy)

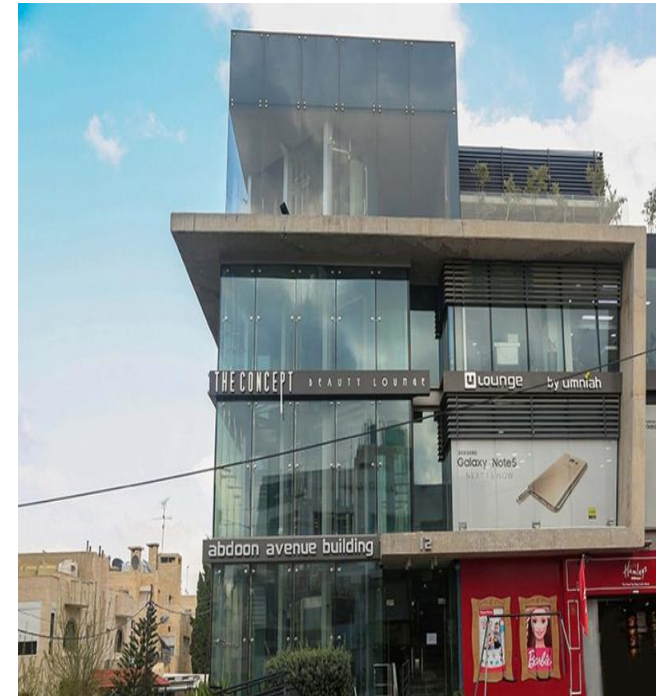
▣ 4 Points Sheraton - Kuwait.



Projects (Curtain Wall consultancy)

■ Abdoun Avenue building – Amman, Jordan.

Owner	:	Faris Al Derzi	Aluminum System	:	4 sided curtain wall & Spider
Client Rep	:	Omar Al Rawi	Glass Type	:	6mm Sunergy Blue
Consultant	:	Archisys			16mm Air Space
Aluminum Contractor	:	Petra Aluminum Co.			6mm Clear glass



Projects (Curtain Wall consultancy)

▣ Bibi Tower – Kuwait City, Kuwait



Projects (Curtain Wall consultancy)

▣ Royal University for Medical Sciences.



Projects (Curtain Wall consultancy)

▣ Crisis Headquarters Operation Building - Jordanian Army – Amman, Jordan.



His Majesty King Abdullah on Wednesday 23rd of Jan 2008 entrusted HRH Prince Ali with the establishment of the National Centre for Security and Crisis Management.

In a letter to the Prince, the King said the centre, which he described as a national need, should function within a national framework to coordinate and unify efforts and capabilities to confront and manage any form of crisis the Kingdom might face, in addition to undertaking necessary crisis planning.

Expressing confidence in Prince Ali, the Monarch described him as trustworthy and capable of handling the mission.

He added that the purpose of the new centre is to serve the Kingdom and protect its interests.

The King commended the Princes loyalty and dedication to the country in the letter, saying these traits were behind his decision to entrust him with implementing the plan.

The Monarch underlined the importance of addressing the issue of national security from a comprehensive perspective, with the participation of members of the Jordan Armed Forces, security departments and other concerned institutions.

Projects (Curtain Wall consultancy)

▣ LAMAR Heights – Amman, Jordan.



Projects (Curtain Wall consultancy)

▣ Dorra Commercial Complex – Amman, Jordan.



Projects (Curtain Wall consultancy)

▣ Student Dormitory – Maan, Jordan.

Owner : Ma'an Development Co.
Consultant : Consolidated Consultants
Contractor : Wara
Aluminum Contractor : Technical Aluminum

Aluminum System : Technal
Glass : 6mm Low-e Glass
12mm Air Space
6mm Clear Glass



Projects (Curtain Wall consultancy)

▣ Zahran Gate project – Amman, Jordan.

Owner : Ahmad Zahran & Partners
Main Contractor : Zahran Construction Management
Aluminum Contractor: Masri Brothers Co.
Aluminum System : 4 sided curtain wall

Glass Type : 6mm Eclipse Advantage Bronze
16mm Air Space
6mm Clear glass



Projects (Curtain Wall consultancy)

- ▣ Al Kooz Villa – Amman.
- ▣ Al Shaeer Villa – Al Salt.
- ▣ Al Fakhouri Villa – Amman.
- ▣ Shahateet Villa – Amman.
- ▣ A. Al Sheik Villa – Amman.



□ Arbitration & Evaluation

As a third independent Party NAVITAS can provide arbitration services to deferent parties in the line of their expertise. Our services includes but not limited to the following:

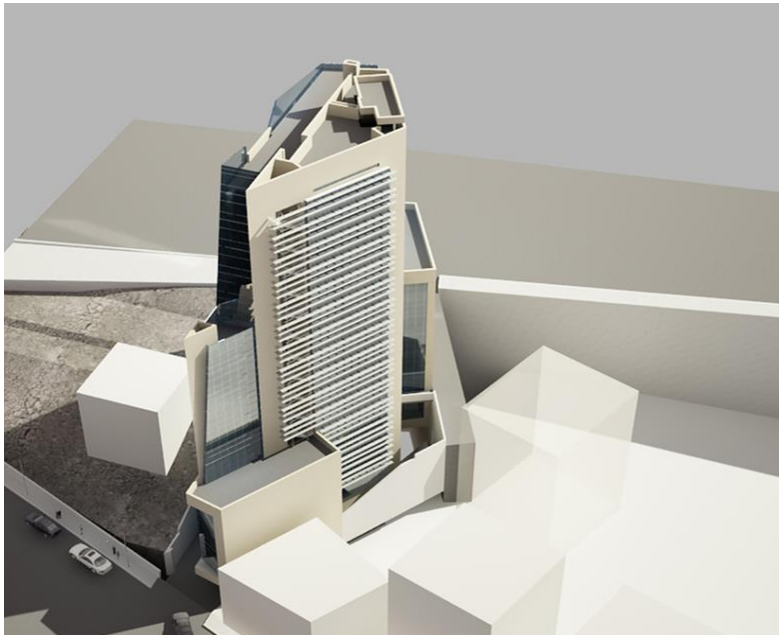
- Material compliance to specification and international norms and standards.
- Performance compliance to specifications and international norms and standards.
- Manufacturing compliance to system provided requirements and international norms and standards.
- Installation compliance to system provided requirements and international norms and standards.
- Liability evaluation based on contract documents and Fidic.
- Cost and Variation Orders related evaluation.

Projects (Arbitration)

▣ Al Khawam Hotel – Amman.

The arbitration in this project was related to the following points:

- Optical and thermal performance of the glass.
- Sound Insulation.
- Visual Distortion of the glass



Projects (Arbitration)

▣ Aqaba International Airport - Jordan

The arbitration in this project was related to the following points:

- Optical and thermal performance of the glass.
- Structural Stability of the Aluminum System.
- Air and water insulation of the Aluminum System.

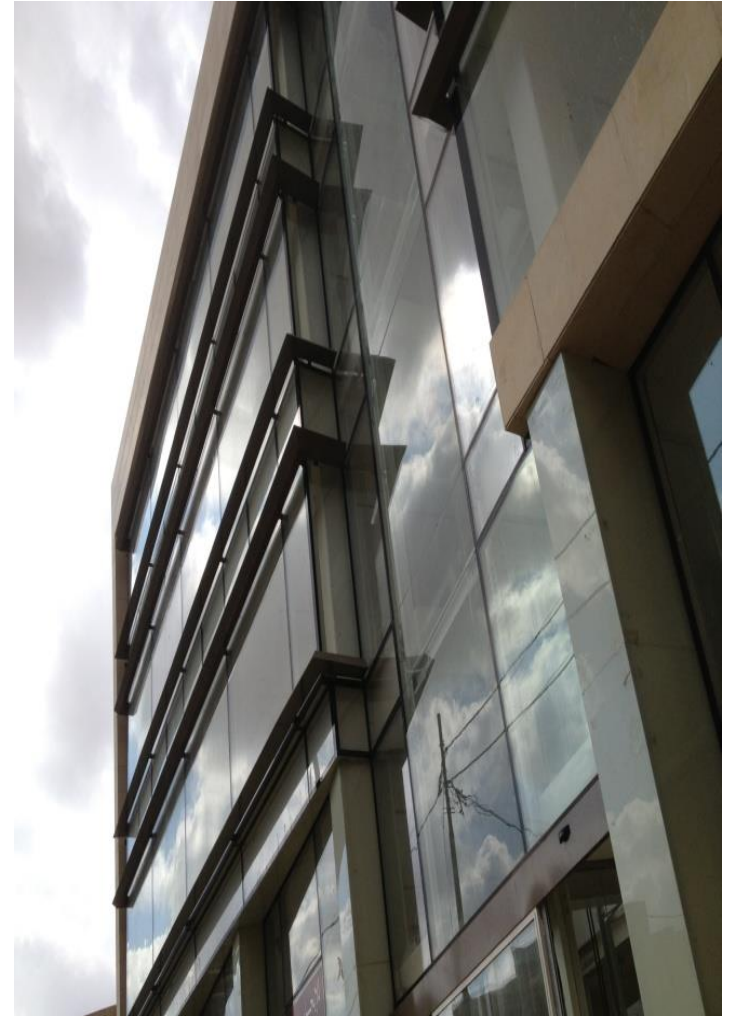


Projects (Arbitration)

■ Marj Al Hamam Center – Amman.

The arbitration in this project was related to the following points:

- Air and water insulation of the Aluminum System.

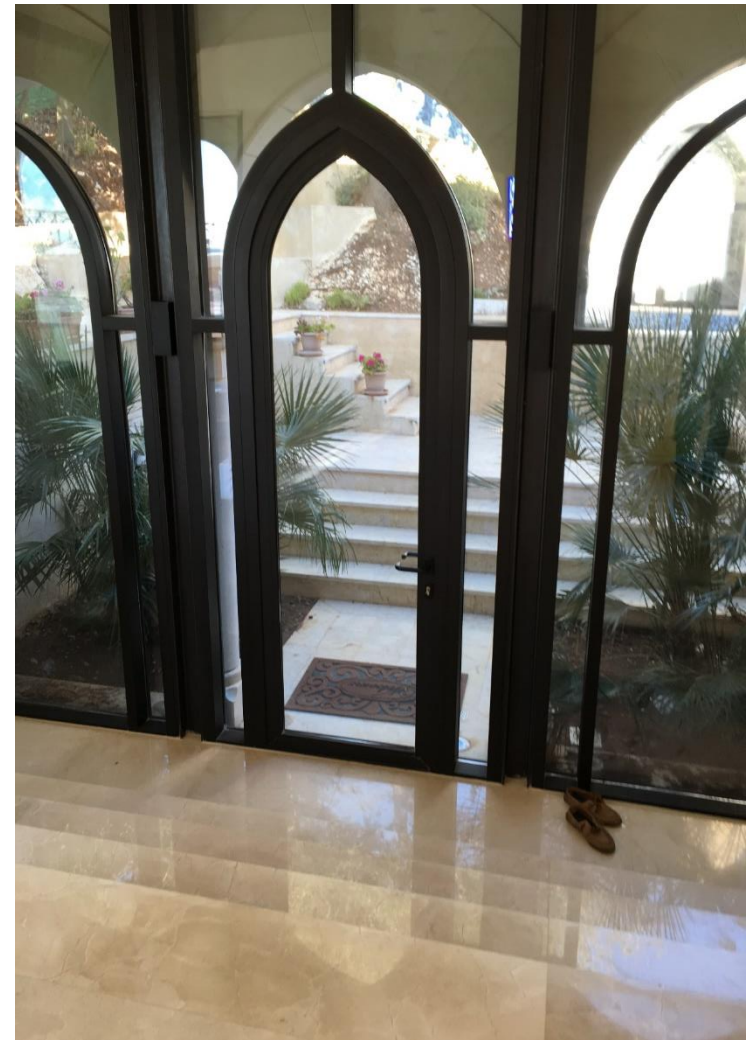


Projects (Arbitration)

▣ Mr. Simon Villa Amman - Jordan

The arbitration in this project was related to the following points:

- Optical and thermal performance of the glass.
- Performance evaluation of Aluminum system Quality.
- Installation compliance of Aluminum System.
- Visual Quality of Glass.

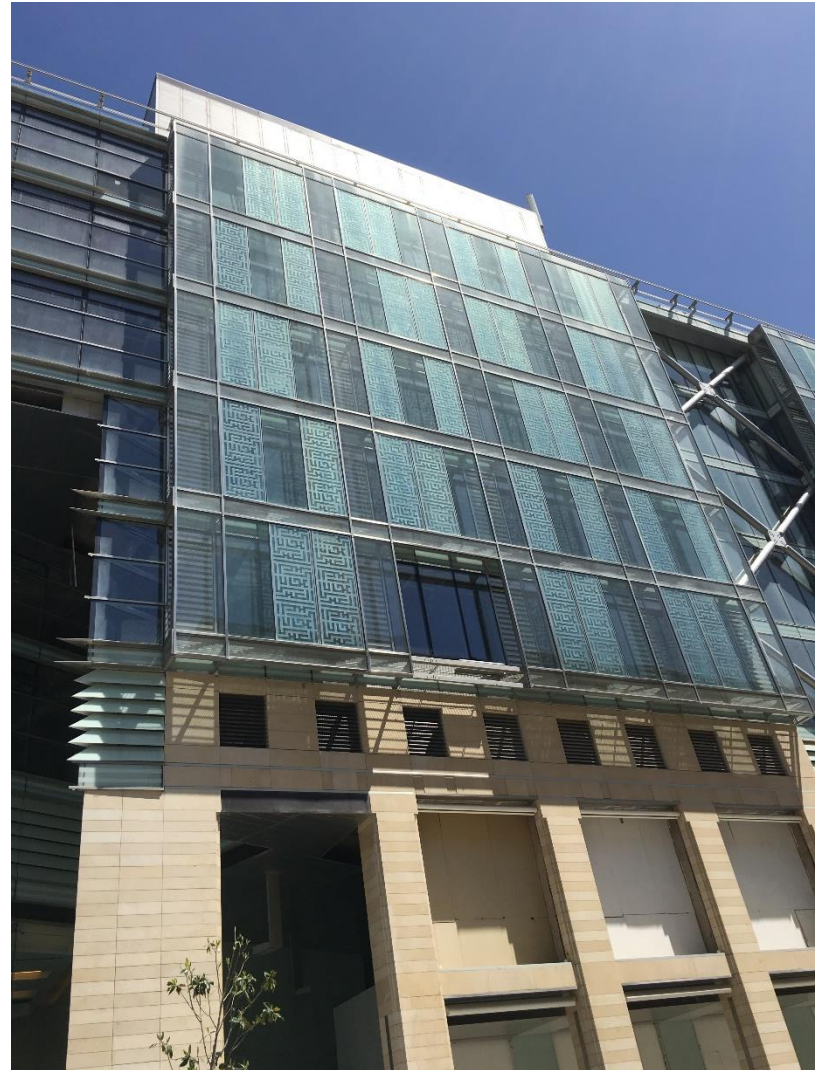


Projects (Arbitration)

▣ Boulevard _ Al Abdali – Amman - Jordan

The arbitration in this project was related to the following points:

- Curtain Wall Structural Failure analysis.
- Survey and Evaluation of the current situation.
- Remedial action.



Agreements

□ Navitas is a member in “Center of Window and Cladding Technology” Bath University – UK.

This gives us the access to the following:

- Seek free technical advice from CWCT.
- Have access to the 'Cladding Forum'.
- Receive updates on technical, training, publications and certification work.
- Comment on CWCT standards prior to publication.
- Have prior knowledge of the Centre's research and publications.
- May sit on the Centre's steering groups for research and training projects as appropriate.
- Receive discounts on courses, publications, advice and testing.

□ Industrial consultancy

Our Services covers several stages of an industrial project and it consists of several modules that include the following:

□ Study Stage:

- Initial Business Plan (Pre – feasibility Study).
- Detailed Technical Study.
- General layout and general Specification.
- Full Bankable Feasibility Study.

□ Design Stage:

- Sourcing and providing the technical and contractual support for the Technology provider if required.
- Technical support during the negotiation with the machinery provider/s.
- Technical coordination between the machinery suppliers.
- Detailed design drawings including architectural, electrical, mechanical.
- Full coordination and technical support with the Architectural Consultant office to issue coordinated and detailed shop drawings for tender and construction purposes.

□ Industrial consultancy ...cont

□ Construction Stage:

- Supervision on the construction with regards to the technical and industrial details related to the machinery and production lines.
- Supervision on the machinery installations and commissioning. For new Factories:

□ Operation Stage:

- Support in recruiting specialized Staff force.
- Training of staff force.
- Designing and implementing Working Procedures and Quality Assurance systems.
- The implementation of International Industrial Standards as part of the Quality Assurance system
- Restructuring.
- Production management.
- Business development.

Industrial Projects

□ Finished Projects:

- ▣ Sanam Glass Factory. (Industrial Consultancy)



Industrial Projects

Finished Projects:

- Sanam Glass Factory. (Industrial Consultancy)



Industrial Projects

Finished Projects:

- Sanam Glass Factory. (Industrial Consultancy)



Industrial Projects

□ Finished Projects:

- ▣ Sanam Glass Factory. (Industrial Consultancy)



Industrial Projects

□ Finished Projects:

- ▣ Sanam Glass Factory. (Industrial Consultancy)



Industrial Projects

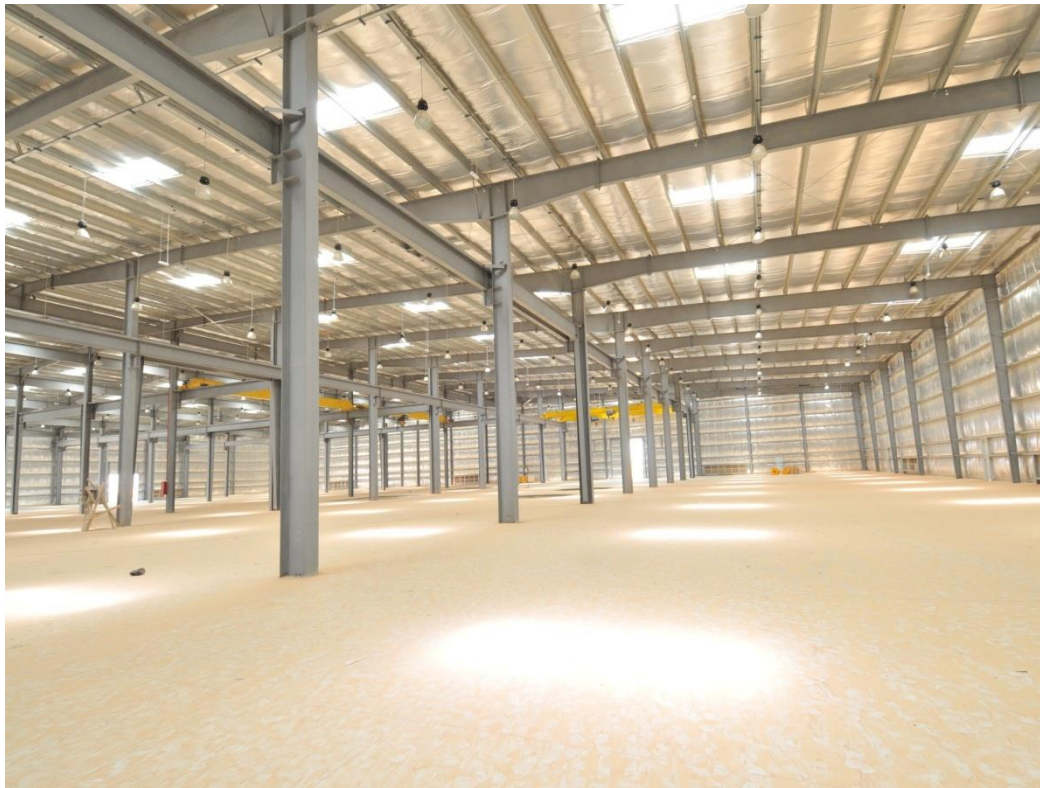
Finished Projects:

- Sanam Glass Factory. (Industrial Consultancy)



Industrial Projects

- Finished Projects:
 - ▣ Sanam Glass Factory. (Industrial Consultancy)



Industrial Projects

Finished Projects:

Sanam Glass Factory. (Industrial Consultancy)



Industrial Projects

Finished Projects:

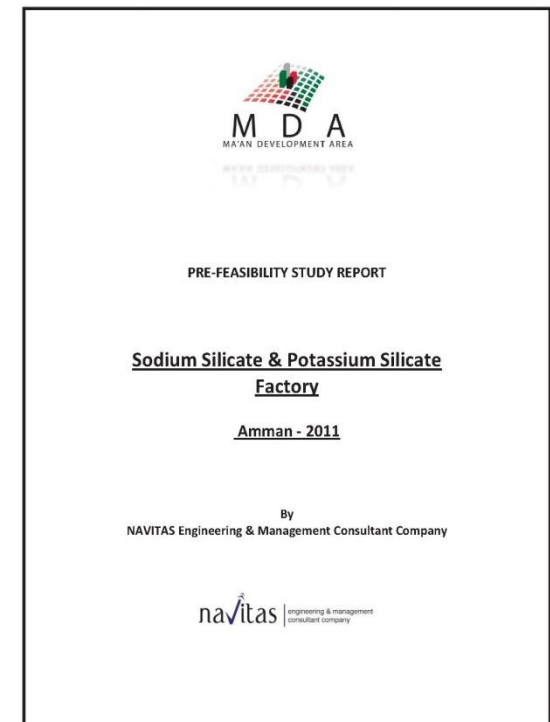
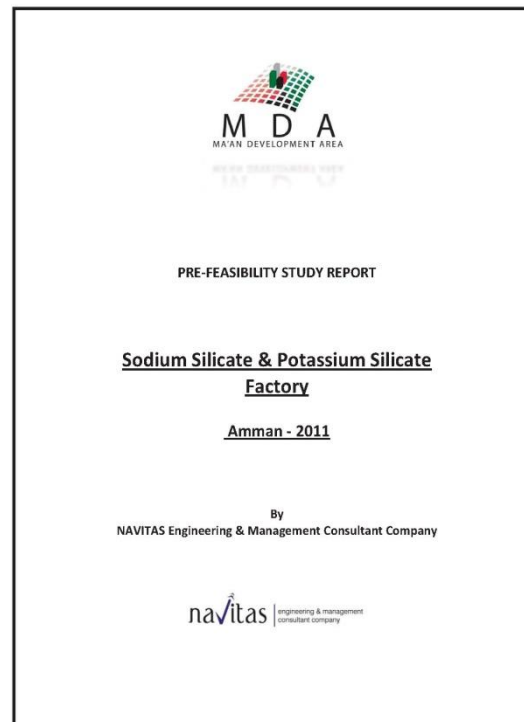
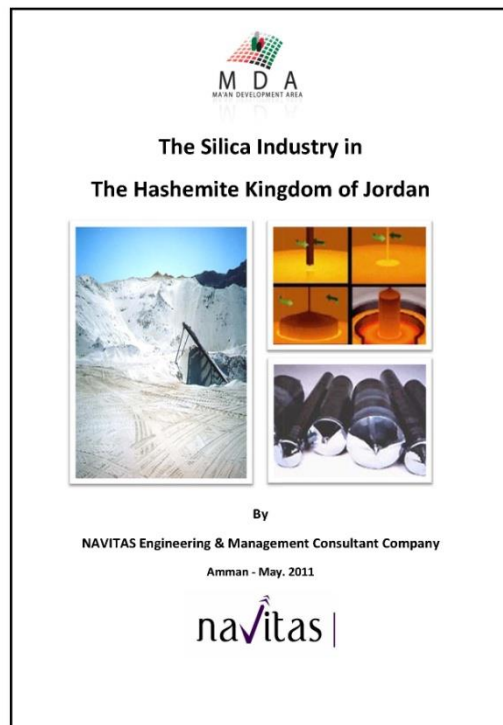
GSI Glass Factory. (Industrial Design) Dammam SA



Industrial Projects

Finished Projects:

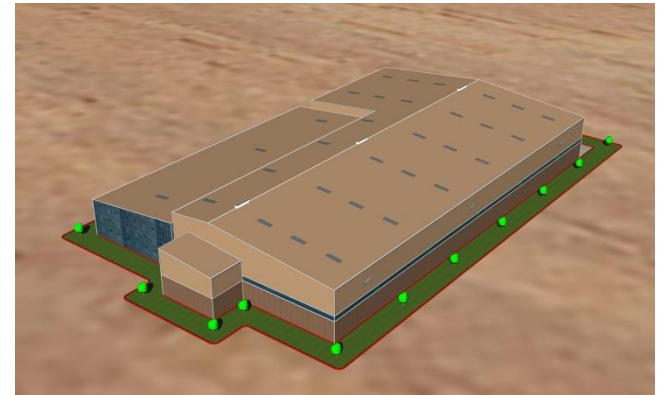
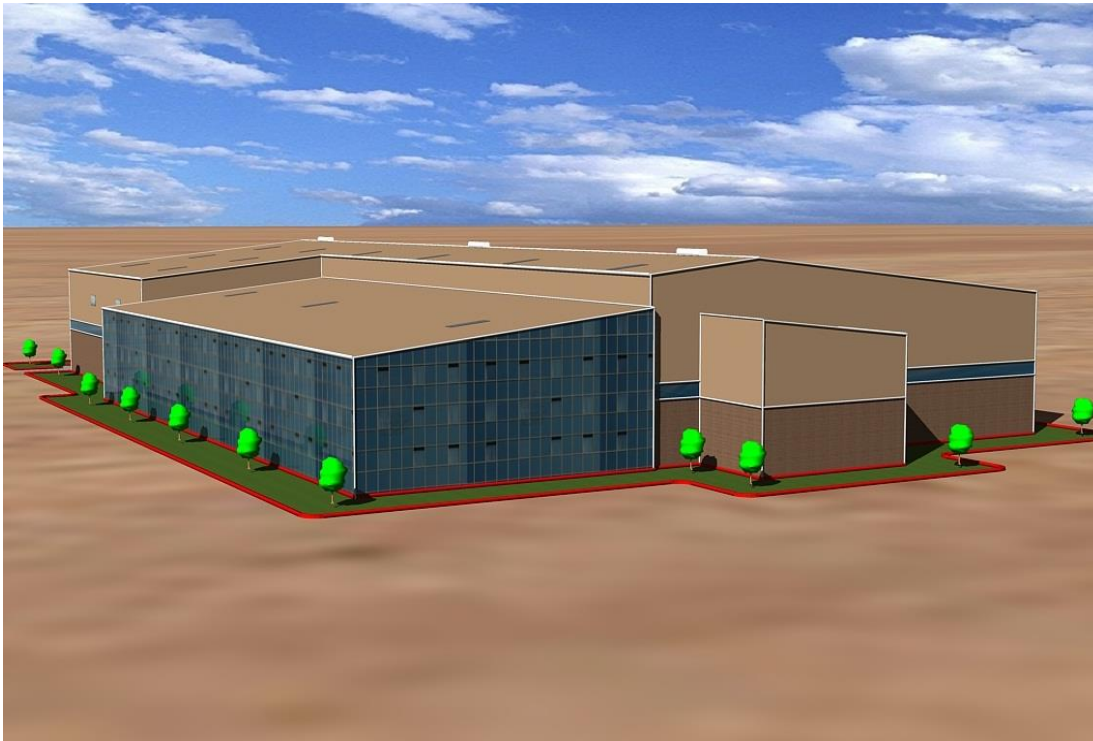
- ▣ Prefeasibility studies in Silica and related potential industries in Ma'an , Ma'an Development Area (MDA).



Industrial Projects

Finished Projects:

- Atantheem Al Mimari Glass Factory – Libya.(Architectural & Industrial Design)



Services

□ **Product Testing and Certification, R&D /Product Development.**

This is done through the ties and the connection of Navitas with several international organization such as

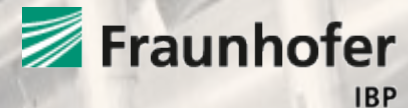
□ Al Hussein Bin Talal University



□ Royal Scientific Society –Jordan



□ Fraunhofer Institute for Building Physics (IBP)-Germany.



□ Center of Window and Cladding Technology - Bath University / UK.

□ Jacob & Associates – Australia

Contact

- Navitas Engineering & Management consultant company
Um Uthaina Area- Alramadi street

P.O. Box : 3270 Amman 11821 Jordan

Tel : +962 78 7777 331

Email : info@navitas-eng.com

Website : www.navitas-eng.com