



The Development of Power plant & Infrastructure in Rabigh Industrial City

Dr. Wen, Hai Quan JSG Saudi Co., Ltd. & JSG China Consortium







Contents

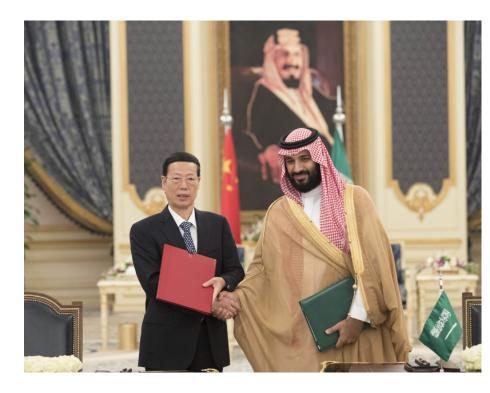


Why develop industrial cities MODON Agreements and China Gov. support. How to Realize? Urgent Requirement!



CCTVNEWS: http://news.cctv.com/2017/08/25/ARTI6vhoistcZ2Is856s0ZtO170825.shtml





http://www.gov.cn/guowuyuan/2017-08/25/content_5220292.htm , 22-24 August 2017



China and Saudi Arabia to team up on **US\$20 billion investment fund**

https://www.reuters.com/article/us-saudi china-funds-idUSKCN1B40KO



总理张高丽在北京人民大会党会见沙特王储稳空野德特创

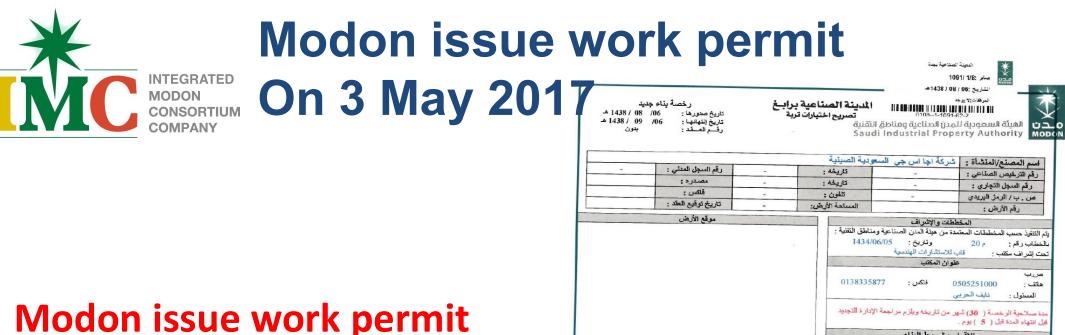


Why develop Modon Rabigh Industrial City

Modon authorize and issue official files

and coordinate with China gov. !

No.	Description	Issue date
9	Issue work permit to JSG for site works	2017/May/3
8	Received Exim Bank in Modon Headquater	2017/March/8
7	CEO of Modon with JSG CEO in G2O	2016/Aug. 29
6	Confirm to provide Sovereign Guarantees	2016/June
5	Received the progressive report and to instruct to complete FSRs & EIA	2016/Feb./14
4	Send to Minister of MOFCOC to announce that Modon authorize JSG to manage China resources exclusively for IMC projects.	2015/0ct./8
3	Send Congratulation Video to JSG Beijing express meeting	2015/Aug./28
2	Invite China Ambassador and Economic consuller to introduce the IMC projects	2015/July/17
1	Priority for Salwa & Rabigh, provide all guarantee and sign obligation contract	2015/June/30



الموقع العام للمصنع

to JSG to do geotechnical surveying and EIA for Rabigh **Industrial City** on 3 May 2017

> مخالفات أو تعديلات تحدث أثناء التنغيذ اسم صاحب الرخصة /تاتيه :

مل انتهاء المدة قبل (5) يوم .

-1425/11/16

بار ز

6- وضع

a.clint

ضرر قد ينتج أثناء التنفيذ

الإقرار وشروط البناء

 المنشأة بعدم رسي المخلفات و عدم الإضرار بمرافق المدينة الصناعية وفى حالة مخالفته ستطبق عليه لانحة الغرامات والجزاءات للمخالفات ومرافق المياه والصرف الصحى الصادرة بقرار مجلس إدارة الهيئة رقمي 28و 2004/29 بتاريخ 1425/7/29 ه والمبنية على قرار مجلس الوزراء رقم 225 بتاريخ

2- تعتبر هذه الرخصة لاغيه إذا لم يتم المستأجر بالبدء في أعمال

3- إقامة سور مؤقت (قابل للإزالة بعد الانتهاء من العمل) حول موقع العمل مع اتخاذ جميع الاحتياطات التي من شانها تلافي أي

4- الالتزام النام والتدقيق بجميع ما هو وارد في المخططات الخاصة

7- الالتزام بتوفير حاويات انقل المخلفات وإزالة جميع أنقاض الموقع وما جاوره أولا بأول ونظلها إلى الأماكن المصرح بها خارج المنينا

8- يلتزم صاحب المنشاة بتوفير استثناري مؤهل من قبل الهيئة للإشراف على التنفيذ ومطابقة المخططات المعتمدة مع ماهو منفذ الطبيعة وموافاة الهينة بتقارير شهرية عن أعمال المنفذة أو أي

5- إبقاء صورة من الرخصة في موقع العمل بصفة مستمرة وفي

الإنشاء خلال سنة أشهر من تاريخ الإصدار .

بعملية البناء والموافق عليها مسبقاً من الهيئة.

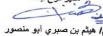
المشروع والمقاول المنفذ والاستشاري والعناوين .

التوقيع : الصفة : التاريخ : / / 1437 هـ

محرر التص



دية للمدن الصناعية ومناطق التق





المدينة الصناعية برابغ

مكان بارز خارج السور المؤقث تبين اسم



Modon meet with Exim bank in March 2017

Modon invite Exim bank, JSG in 8 March 2017.



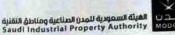


Modon CEO with DR.WEN in 29 Aug. 2016/ G20





Modon Confirmed to provide all guarantees sovereign guarantee in June 2016



inati para Rei deglaria Rei deglaria

سعادة المعندس/ أحمد الغامدي

المترم

مستشار وزارة الطلقة والصناعة والثروة المعدنية السلام عليكم ورحمة الله وبركاتم..

إلحاقاً لخطابنا رقم 3014 بتاريخ 1437/09/15هـ بخصوص طلب الموافقة على تزويد محطات شركة إطلالة الغد بالوقود اللازم والمزمع إنشاءها في المدن الصناعية في رابغ وجدة وسلوى. نود التوضيح لسعادتكم أن الضمانات المشار إليها بالخطاب السابق هي الضمانات سيادية فقط.

وعليه تأمل من سعادتكم بإقاذ اللازم.

ولكم جزيل الشكر

مدير إدارة التشغيل وعلاقات المستثمرين م. خميس بن صالح الغامدي

محدى Saudi Industrial Property Authority Mobon

3014/ 1/16: منه 1437 / 00 / 15: منه منه تمریک رو به الاست و به

INTEGRATED MODON

CONSORTIUM

محادة المندس احمد الغامدي

للحترم

مستشار وزارة الطاقة والصناعة والشروة المدنية

السلام عليكم ورحمة الله وبركاته ،،،

بالإشارة الى خطاب شركة اطلالة الغد رقم 425/ع/1437هـ وتاريخ 1437/04/09هـ الموجه لسعادة المستشار لشؤون الشركات. والذي يطلب الموافقة على تزويد محطاتها الثلاثة بالوقود اللازم والمزمع انشائها في كل من رابغ وجدة وسلوى.

أفيد سعادتكم أن الهيئة السعودية للمدن الصناعية ومناطق التقنية (مدن) قد وفعت مذكرة تفاهم مع شركة اطلالة الغد لإنشاء ثلاثة محطات في الدن الذكورة وذلك لخاجة هذه المناطق للطاقة الكهربائية. لتغطية إحتياجات المدن الصناعية من الكهرباء والماء والهواء البرد والبخار من الشركة. كما تلتزم مدن بتقدم الدعم وتوفير كافة الضمانات كما ورد في مذكرة النفاهم الموقعة مع الشركة وكذلك المعلومات اللازمة لتطوير موقع الشركة ما يتفق مع العايير التطورية للمدن ويعمل على إنشاء شركة المشروع بين كلا من الشركه والهيئة السعودية للمدن الصناعية ومناطق التقنية والحليف الاجنبي.

كما اننا نرحب بالاجابة على اية استفسارات مستقبلية حول اتفاق مدن مع شركة اطلالة

الغد لدعمها لاستكمال متطلبات هذا المشروع.

وتقبلوا خياتي وتقديري ...

مدير إدارة التشغيل وعلاقات المستثمرين

م/ خميس بن صالح الفامدي



Modon send official letter to JSG to instruct to do FSRs and EIAs

Subject: Sovereign Guaranteed for power plants and infrastructure projects.

Modon received the progressive Report and instruct to complete FSRs and EIAs for Sovereign Guarantee on 14 Feb. 2016

Dear Sirs .

Thanks for your submittal of progressive report on power plants and infrastructure projects for Rabgh, Salwa, Jeddah2 and 3 industrial Cities, According to the plan you will complete the Feasibility study reports before the end Feb/2016 and the environmental assessments by March/2016. We will study the report for sovereign guarantees for the implementation of projects mentioned above According to the regulation on Saudi Arabia and we will come back to you with the result after getting the necessary approval. We hope to have more practical progresses soon. Best regards⁴

Eng. Khamis S. Alghamdi

Operations and Investor Relations Director

www.modon.gov.sa الإدارة العامة: ص.ب: 84214 – الرياض 11671 – المملكة العربية السعودية مح 4 0 0 0 0 2 9 🕲 🖫 Head Office: P.o.Box: 84214 – Riyadh 11671 – Kingdom Of Saudi Arabia العربية





Modon send official letter to the Minister of Foreign Commerce of China/MOFCOC

to confirm that **Modon has** authorized JSG to execute the projects of Salwa, Rabigh, Jeddah 2-3 ICs and JSG exclusively manage all China resources to participate the projects To request Preferential buyer credit loan from EXIM BANK!

In 8 October 2015

الهيثة السعودية للمدن الصناعية ومناطق التقنية Saudi Industrial Property Authority

Minitry of Commerce of the People's Republic of China

cc. Zhao LiuQing Commercial Counsellor

- Economic & Commercial Counsellor of China Embassy in KSA
- cc. Mr. Li Chengwen, Ambassador

China Embassy in KSA

Subject: Request your approval of **preferential buyer' credit from EXIM** on implementation of Itlalat MODON Consortium Company Tri-generation Power plants and infrastructure projects in Salwa, Rabgh, Jeddah Industrial cities

Dear Mr. Gao,

It is pleasure to have a communication with you. First all, I thank you to support Dr .Wen and JSG consortium with China EPC contractors, banks and manufactures for Itlalat MODON Consortium Industrial Cities projects.

As you known, we are Saudi Industrial Property Authority (MODON), is a governmental agency resposible to manage the industrial cities inside KSA. We have developed 34 industrial cities and potintial to inrease this number near future years. Therein we have signed exclusively MOU with Itlalat Al-Ghad Group (IAG in short) to develop four industrial cities, Rabgh, Salwa, Jeddah 2 and 3 and to provide with water, electricity, cooling, and infrasturcture, etc.

We agreed to establish a new project company among IAG, MODON and JSG called "Itlalat MODON Consortium Company" (hereinafter referred to as "IMC") which will be exclusively responsible for developing, operating and maintaining the induction of the action of the sector of the sector

industrial cities. Then, JSG will be authorized to execute our projects and execlusively to manage all China resources to participate our projects implementation. Now, our partner, JSG-NIT TIAC Institute Co., Ltd., has held Press Conference in Jing on 28 in Beijing, organized Banks and Financiers, consultant contractors, the third independent audit parties, EPC contractors, O&M contractores. Also, deployment and mobilization has scheduled, the site office has arrived on Dammam port on 28 Sept. 2015.

The main players are Chinese national companies, such as Financiers: Industrical & Commercial Bank of China, Bank of Communication, Ping An Group; EPC contractors: China Machinery Engineering Corporation(CMEC), North China Power Engineering Co., Ltd. (NCPE), Harbin Electric International Co., Ltd. (HEI), ... etc. The independent third audit parties: Ernst Yong, Worleyparsons and Grandall.

Because the financing is from China and the projects are implemented by Chinese National Companies, we request your kind supports to approve for preferential buyer' credit from EXIM on implementation of the projects. And request you to support and negotiate relative works from our Chinese organizer ISG. Also, the success of the Power Plants and Infrastructure Projects marks that the cooperation between China and Saudi Arabia has been further deepened and the road of "globalization" for Chinese enterprises will become increasingly broad. The project will accomplish the synchronous development of both countries' economy and society, and open a new page for China-Saudi Arabia cooperation. It is appreciate for your kind supports.

Best regards,

Operations and Investor Relations Director

www.modon.gov.sa Khamis S.

الإدارة العامة: ص.ب: 84214 – الرياض 11671 – المملكة العربية السعودية
 +966 11 8749019 Head Office: Ro.Box: 84214 – Riyadh 11671 – Kingdom Of Saudi Arabia

Modon send official Congratulation video INTEGRATED MODON CONSORTIUM SON ON SOLUTION SOLUTI



More 100 companies and 20 Medias attend!



Modon invite China Ambassador Second Second



JSG-CHINA

2015.7.17



Modon send official letter to Confirm to provide all guarantees and Modon office arfor the projects



- 1. Priority: Salwa, Rabigh
- 2. Provide all guarantees;

3. Modon will sign the contract to define the obligation for parties On 30 June 2015

Referring to your Letter dated 31/05/2015, in regard to provision of the necessary information for accomplishment of the works as per agreement between Modon and Itlalt Al Ghad Company kindly find the answer to all your inquiries:

First priority is for Salwa, Alahssa and Rabgh Industrial Cities; MODON
has started the development of the roads network and there is a priority
and need for the Water and Electricity Services.

مدن

- Regarding the Costal lands, MODON is discussing this topic with the Municipality. It is suggested that this might be a part of Jeddah 2 expansion.
- Saudi visas for the work team are Company's responsibility; however, MODON will provide all necessary letters to support Itlalt Al Ghad in their efforts to ensure visa for their international partner employee.
- In regards to the offices, MODON will check the available in that time while company team can be boosted at modon.
- In regards to the guarantees that Modon needs to provide we wish to conclude the following:
 - a. Modon will provide all guarantees as stated in the Agreement
 - b. Modon, as a Government Authority has the right to sign the contract with Private Sector Entities
 - c. MODON will sign a dedicated contract that will define the obligation for all parties
 - d. The tariff will be determined with Modon according to the current rules and regulations
 - e. MODON will provide all necessary land for factories and the building facilities that Itlalt Al Ghad requires according to the agreed rent rate



JSG spent USD14m



Expense Breakdown for Mo	Expense Breakdown for Modon Projects/4 years							
Description	Currency	Sub. Total	Remark					
JSG Spent			End to Dec. 2016					
1 JSG Patents and Technologies Application	USD	JSG Investment	3 PPs.KSA patent registered					
2 Concept Deisign-Technical-Economic Mode	USD	946, 666. 67						
3 Surveying, Geotechnical and EIA	USD	2, 844, 000. 00	Arensco, KSA					
4 Feasibility Study Report 4+3	USD	2, 591, 436. 60	ChinaNorth Engineering, JSG					
5 3rd party-Worleypzrson-Turgenbo-EY-Grand	al USD	1,025,854.70	end for 7 FSRs					
6 Operation Cost for Chinese	USD	1, 878, 412. 13						
7 Salary for Chinese	USD	2,606,767.20	June 2014 to Dec. 2016					
8 Office and travelling Expense	USD	753, 292. 88						
9 Operation Cost IN SAUDI	USD	1, 440, 000. 00	Jan. 2013 to Dec. 2016					
TOTAL	USD	14, 086, 430. 17						
	SR	52, 824, 113. 15	End to Dec. 2016					



No.

10. IMC Rabigh Tetra-Generation Power Plant/CMEC



http://www.icc-ndrc.org.cn/news_detail.jsp?id=60593

List of Key Projects of China Saudi Arabia Cooperation

中沙产能合作重点项目清单

(2017年3月) March 2017

	(2017年3月) March 2017
序号	项目名称 Project Title
在建	项目 On-going projects
1	吉赞瓦燃气化联合循环电站电站包与公用包的 EPC 总承包项目(山东电
	力基本建设总公司)JIZAN Gas CC Power plant and Utilities EPC/SEPCO
2	燃气增压站项目 I 期(山东电力基本建设总公司) Gas Station Phase 1/SEPCO
3	燃气增压站项目II期(山东电力基本建设总公司)Gas
4	网络现代化改造项目(华为)
5	村村通覆盖项目(华为)
6	沙巴哈 220-250MW 联合循环改造电站项目(山东电力基本建设总公司)
7	老城区改建项目(华为)
8	15万吨离心球墨铸铁管厂项目(新兴铸管国际发展有限公司)
潜在马	页目 Developing Projects
1	精炼销售项目(待定)Refinery.TBD
2	化学制品配套煤炭项目(神华宁夏煤炭工业集团)Chemical aux. vs Coal
3	精对苯二甲酸 (PTA) 和瓶级聚对苯二甲酸乙二醇酯 (PET) 及下游产品项目
	(广州泛亚聚酯有限公司) PTA, PET
4	橡胶输送带项目(中国化工橡胶有限公司) Rubber Conveyor
5	古發-中国产业聚集区项目(广州开发区工业发展集团有限公司、银川
	育成投资有聚公司) Jizan China Zone
6	集成硅项目复合体项目(中国蓝星(集团)股份有限公司) Integrated Silicon
7	高温气冷堆海水淡化项目(中国核工业建设集团公司) HTGR Desalination CNEC
8	高温气冷堆核电项目(中国核工业建设集团公司)HTGR Nuclear power CNEC
9	智能电表项目(华为)Smart power meters IMC Rabigh Trtra-Gen. power plant
1.0	拉比格工业城四联产燃机电站项目(中国机械设备进出口公司) CMEC
11	沙特电力 SEC PP15 联合循环独立电站项目(上海电气集团股份有限公司) SEC PP15
12	生活垃圾资源化利用项目(潍坊金丝达新能源科技有限公司 Garbage application
13	太阳能光伏价值纯项目-500 兆瓦 (REC Solar) 500MW SOLAR POWER STATION
14	太阳能光伏价值链项目-1000 兆瓦 (天合光能有限公司) 1000MW SOLAR POWER ST
15	公路 309 标段项目(中国交通建设股份有限公司) Road 309/CCCC
16	利雅得市智慧城市项目(华为) Riyadh Smart City/Huawei
17	公路 313 标段项目(中国交通建设股份有限公司)Road 313/CCCC
18	延步工业城高级轮胎厂项目(中工国际工程股份有限公司)Yanbu Tire
19	铁路货车项目(包头北方创业股份有限公司) Railway Cargo
20	碳纤维项目(中国蓝星(集团)股份有限公司) Carbon Fiber
21	家用电器项目(海尔) Home appliance/Hair
22	沙特电力公司私有业证目(上海由与集团贴份方限公司) CEC DDD



China Government Support MOFCOC Approved \$3billion



MOFCOC approved USD 3b for IMC Rabigh Tetra-Generation Power Plant Valid till 27 January 2018

		对外承包工程项	5日投(议)标核准证 No:0019858	0.0			
6	19 ide	1.中文, 中国机械设备工程股份有限公	司 1100100000710	0 0			
0	企业 名称	2.外文: CHINA MACHINERY ENGINEERING	G CORPORATION	。 第 一			
	1	经审核,同意该企)	, 同意该企业参加下述项目的投(议)标。				
	页目 ³	3.中文: IMC拉比格四联产电厂项目					
in the second	称 4.	外文: IMC Rabigh Tetra-Generatio	n Power Plant Project	交展社会理任证			
		中文; IMC项目公司					
名称		文: Itlalat Modon Consortium C	Company				
7.所在	」国家(由	也区):	8.项目行业类别:	1.1.2			
a second	池	特阿拉伯	电力工业——火电站				
9.预计项	而目合同	金额(万美元):	10.资金来源:				
- Contraction		300000	国内出口信贷:工商银行	Addition of the			
11.批准编	扇号:	The second	14.发证机关印章:				
A CREAT	2017外	经贸合许字102825	务				
12.许可证	有效截	止日期: 2018-1-27	加州承包工程				
13.备往:			项目许可 专用章				
			15.发证日期: 2017-7-27				
商务部监督	制 (201	3)					



Money is ready by Exim Bank SINOSURE approved

🛃 中国出口信用保险公司

中长期出口信用保险兴趣函

编号: 120170443

中国机械设备工程股份有限公司(中国机械设备工程股份有限公司);

贵公司关于沙特阿拉伯王国IMC拉比格四联产电厂项目的出口信用保险 兴趣函申请收悉。经初步评估和审核、我公司有兴趣为该项目提供出口信用 保险支持。

本兴趣两仗表明我公司对上述项目的兴趣和关注,对我公司不真法律约 束力、我公司不因出具本兴趣两向承担任何责任。最终是否承保、还有待我 公司对整个项目进行综合评估和审核后决定。

> 中国出口信用保险公司 第三营业部 2017年07月25日



ORIGINAL

Date: February 37, 2017

To: Khamis S.Al-Ghamdi Operations and Investor Relations Director Saudi Industrial Property Authority (MODON) Kingdom of Saudi Arabia

Co: Mr. Zhao Linging, Boohomic & Commercial Counselor of China Embassy in JSG-NTT TIAC Institute Co., Ltd. (JSG), Itialut Alghud Company (IAG).

Subject: Meeting Request between MODON & The Export-Import Bank of China on the morning of March 5, 2017

Dear Sir.

The Export-Import Bank of China would like to present its high compliments to Ministry of Finance of KSA.

We are deligited to inform you that a delegation from our back will pay a visit to Riyakh from March 4, 2017 until March 9, 2017. We would like to have a meeting, with you on the morning of March 5, 2017. During the enceting, we would like to discuss the fixancing cooperation between us in regard to IMC Rahigh Industrial City and IMC Rabigh Tetra-Generation Power Plant Project in KSA.

Our delegation consists of two persons:

1- Mr Guo Hongya, Director, Corporate Banking Dept., The Export-Import Bank of

China 2- Vr Li Liguo, Country Officer, Corporate Backing Dept., The Export-Import Back

We look forward to your early confirmation

With kind regards,

Gizo Hongyu (Mr.) Director Asian Division Corporate Banking Department The Export-Imperi Bank of China

All China' approvals are completed !



JSG China Consortium We are ready for everything

JSG a the leader of the consortium, the provider for patents and tech. Independent third party auitors, CONSULTANTS, ENGINEERING, EPC CONTRACTORS, MANUFACTURERS; O&M CONTRACTORS, 20+ INVESTORS;

And completed the followings;

Feasibility Study Report, FSR; Environment Impact Assessment, EIA

Rabigh Tetra-Generation Power plant

Electricity: 1000-1200MW, Cooling for 200,000 sq.m; Chemical salt: 120t/d Emission: NO_x 51.3mg/m³

Water: 100,000-200,000 M3/d;

Gross Efficiency: >70%



Lower 10% of market price to supply water, electricity, steam, cooling, air, ...

Industrial Plaschem

Factories/Investors MORE COMPETITIVE

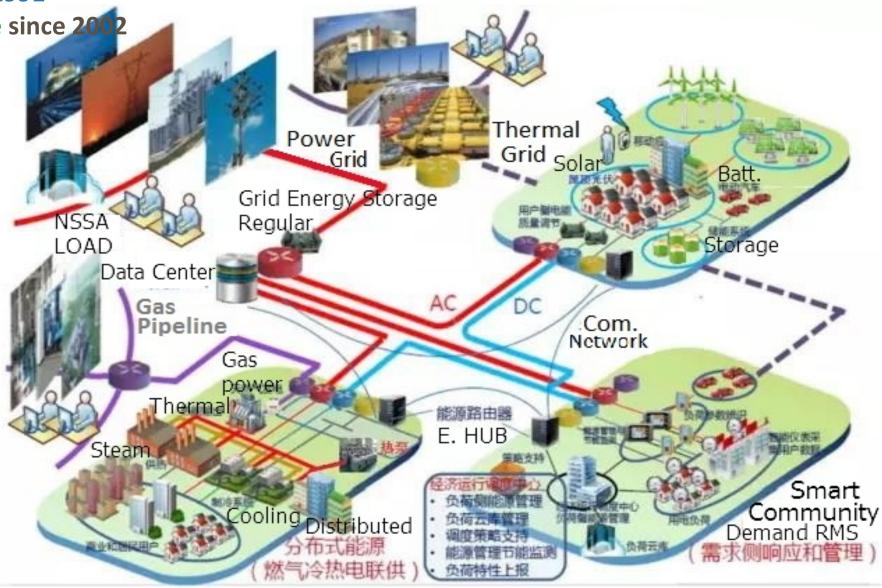
Modon: Owned 100%, and to Grant operation rights of electricity and water; assist and witness to sign offtaker agreement; Offtaker agreement:*Either steam/cooling/air purchase agr. Or Power/water Purchase Agreement. To get cheaper Steam to supply. *Demand planning

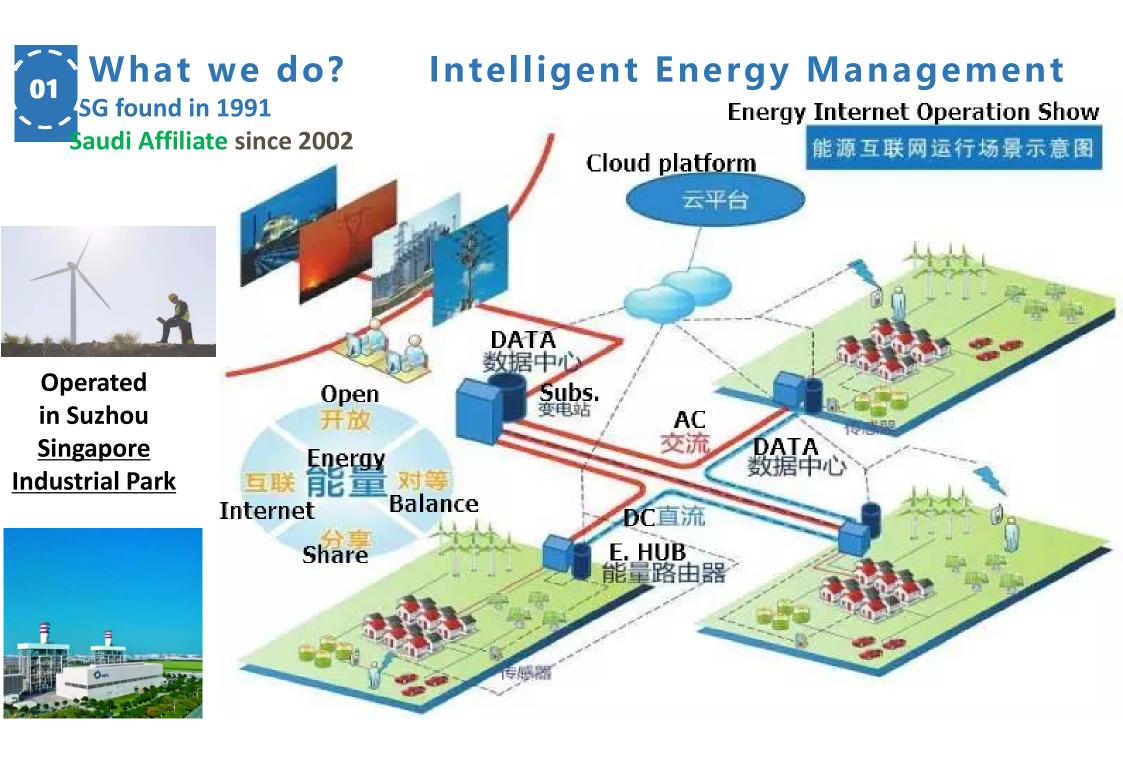
01 What we do? Distributed Utilities Provider JSG found in 1991 Saudi Affiliate since 2002



Operated in Suzhou <u>Singapore</u> <u>Industrial Park</u>



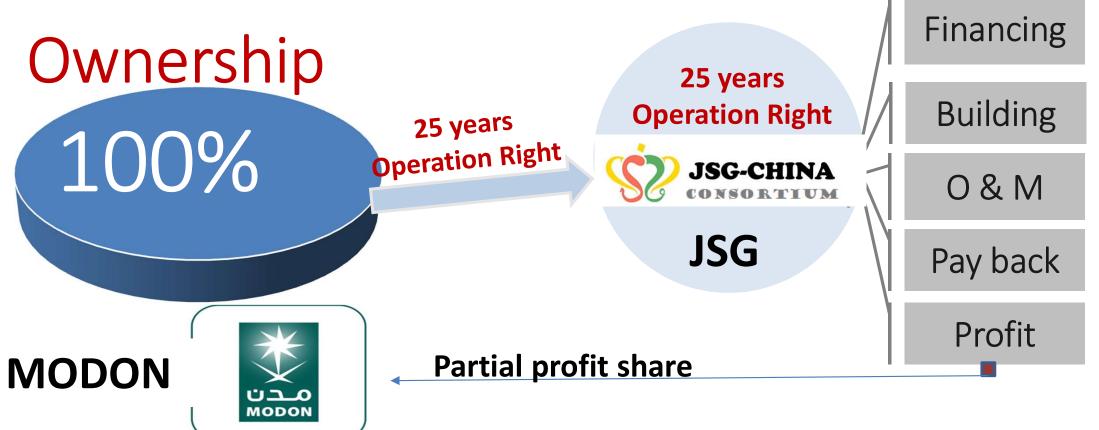






Utilities Co. Integrated MODON Company IMC owner Business Model

SPV for three industrial cities and its captive power plants.



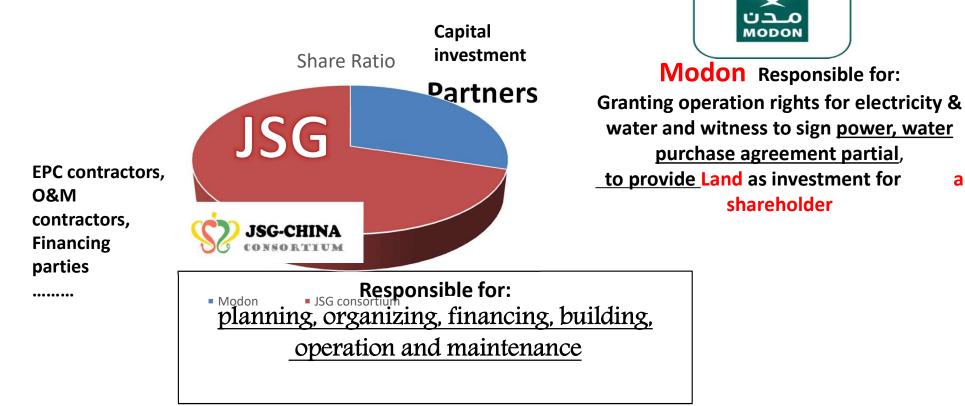
Utilities Co. 02 IMC owner

Business Model



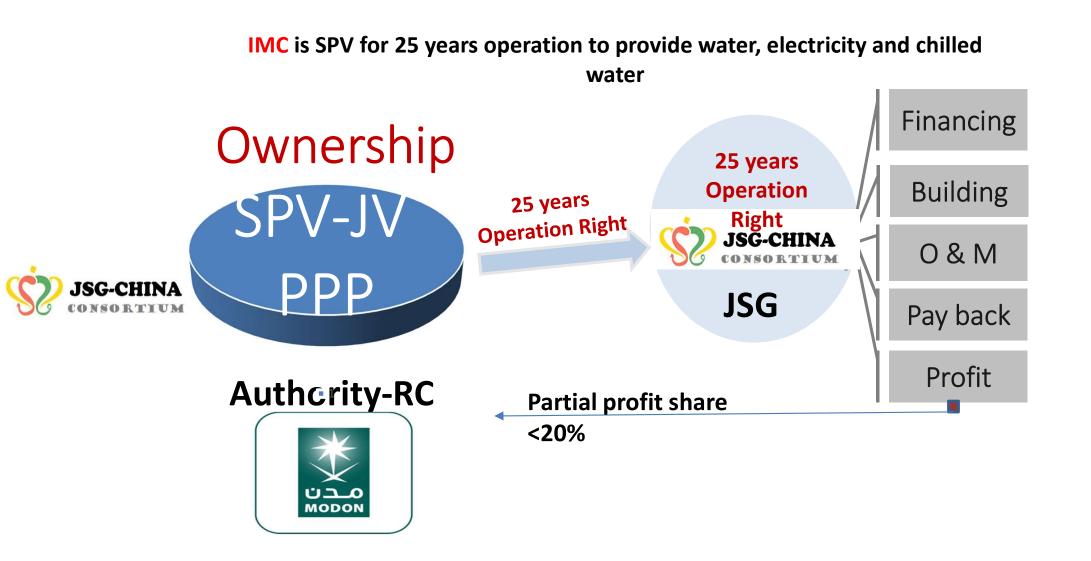
а

Integrated Modon Company



During in Operation

Optial Business Model optional Suscered Operation Integrated Modon Company



Utilities Co. 02 IMC

Business Model



Integrated Modon Company

MODON TO DO!

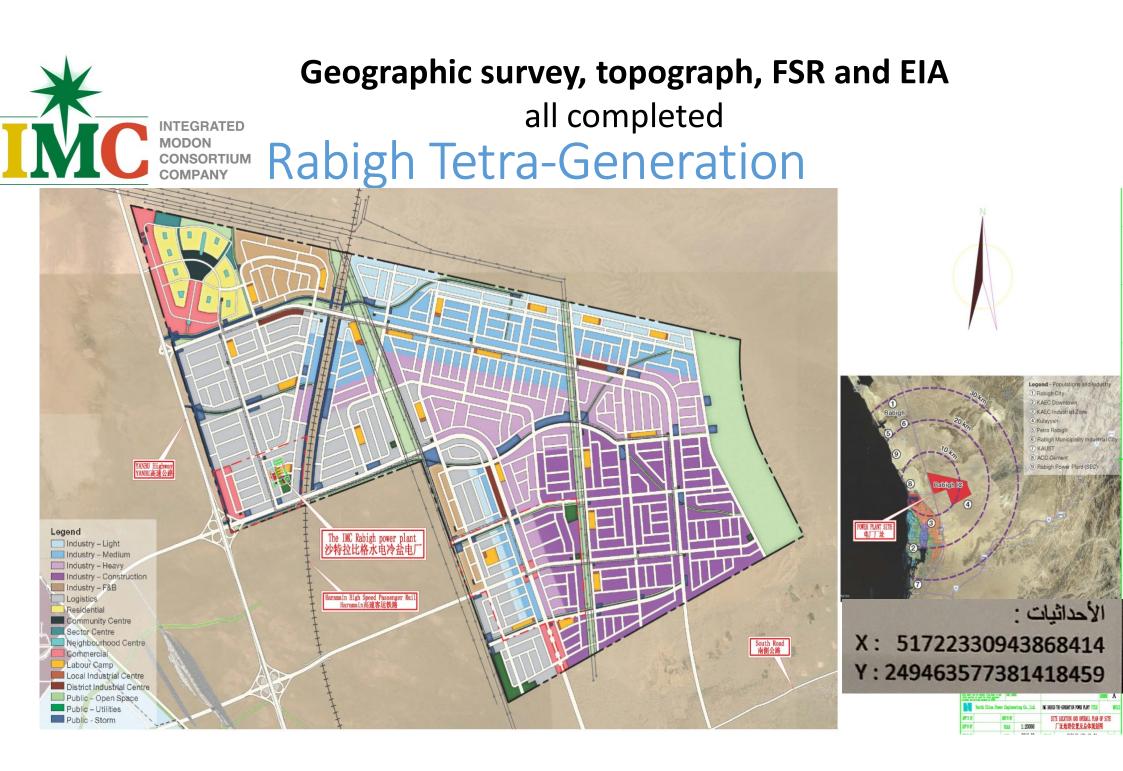
- Grant JSG Co. operation rights of water and 1. electricity;
- 2. Assist and witness to sign PPA, WPA and CPA;
- 3. Assist to obtain the allocation and gas supply;

Clients: Offtakers

- Sign PPA, WPA and CPA. Demand planning!
- Provide adequate financial guarantee.

JSG TO DO!

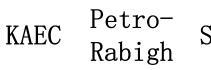
- Provide patent technologies, like 515360031,
- Manage, financing, build, operate and maintain 2.
- 3. Provide Human Resources, materials and machines required in building and operating of the projects
- 4. Establish **4+ industrial firms** in RC Jubail.
- 5. Establish training institute to Saudize the industry.





Geographic survey, topograph, FSR and EIA all completed Rabigh Tri-Generation





SEC WEC

Electricity,MW	1000-1100	137.5	200	200	300	300	0
Water, M3/d	200K-100K	Reserved	30K	40K	40K		90K
Cooling, KW	60,000		20,000	25, 000	25, 000		0



Geographic survey, topograph, FSR and EIA all completed Rabigh Tri-Generation CUP

Output Schedule

Rabigh Tetra with Gas and double expandable								
Output/Months	3 - 6 Months	6-36 Months	39 Months	42 Months	45 Months	48 Months		
Est.Month/Year	JanMarch 2017	3/2017-Dec.2019	Jan March/2020	April-June/2020	June-Sept./2020	Sept Dec./2020		
Electricity,MW	0.5 - Nx1.8	5 - 50	300	600	900	1200		
Water,c.m/d			25000	50000	75000	100000		
Cooling, sq.m			75000	150000	225000	300000		
Salt, Ton/d					60	120		

Note: 1. all construction power generated by contractors;

2. To meet the development requirement of industrial cities, we shall build up local power station inside factory or area distribution set as standby dual power in future; ①it takes 3 months to supply for 5 MW or less power by diesel generators; ②6 months supply for 50 MW or less power by light turbine packages



What MODON to do?



- 1. To sign MOU and support letters, (3 cities' MOU signed in 2013)
- 2. To Sign <u>developing agreement</u> with JSG (authorized).
- 3. To Grant JSG the <u>25-year operation right</u>
- 4. To Provide fully **bankable guarantee**
- 5. To Provide <u>governmental permits</u>, <u>ECRA licenses</u> and <u>no objection</u> <u>certifications</u> for the power plant
- 6. To Grant JSG <u>exclusive suppliers</u> of utilities service
- 7. To Assist JSG to sign <u>fuel supply agreement</u> from Aramco
- 8. To Provide the <u>land</u> and <u>existing facilities free of charge.</u>
- 9. _____



What JSG do?



- 1. Has paid **USD 14,086,430,17** till Dec. 2016 for the expenses in China and Saudi, .
- 2. To sign developing agreement with Modon;
- 3. To provide patent technologies, like 515360031,
- 4. <u>To manage financing, building, operation and maintainance, paybacking loan till</u> <u>transferring to Modon</u>
- 5. Provide <u>Human Resources</u>, <u>materials</u> and <u>machines</u> required in building and operating of the projects
- 6. To Invest the **initial capital** to meet the requirement of financing
- 7. To Provide **performance guarantee** during construction
- 8. To be responsible to **payback** the loan during operation years
- 9.



Geographic survey, topograph, and EIA On-going Feasibility Study Report completed







Geographic survey, topograph, and EIA On-going Feasibility Study Report completed

Salwa Tetra-Generation CUP Designed: **Electricity:** 1824MW **Chemical Salt:** 120t/d 200,000 m3/d Water: Cooling for: 500,000 sq.m **Gross Efficiency:** 73.50%



Geographic survey, topograph, and EIA On-going Feasibility Study Report completed Salwa Tetra-Generation CUP

Output Schedule

Salwa Teti	ra with Gas					
Output/Months	3 - 6 Months(1)	6-36 Months②	39 Months	42 Months	45 Months	48 Months
Est.Month/Year	JanMarch 2017	3/2017-Dec.2019	Jan March/2020	April-June/2020	June-Sept./2020	Sept Dec./2020
Electricity, MW	0.5 - Nx1.8	5 - 50	420	840	1300	1824
Water,c.m/d			50000	100000	150000	200000
Cooling, sq.m			125000	250000	375000	500000
Salt, Ton/d					60	120

Note: 1. all construction power generated by contractors;

2. To meet the development requirement of industrial cities, we shall build up local power station inside factory or area distribution set as standby dual power in future; ①it takes 3 months to supply for 5 MW or less power by diesel generators; ②6 months supply for 50 MW or less power by light turbine packages





THANK YOU !