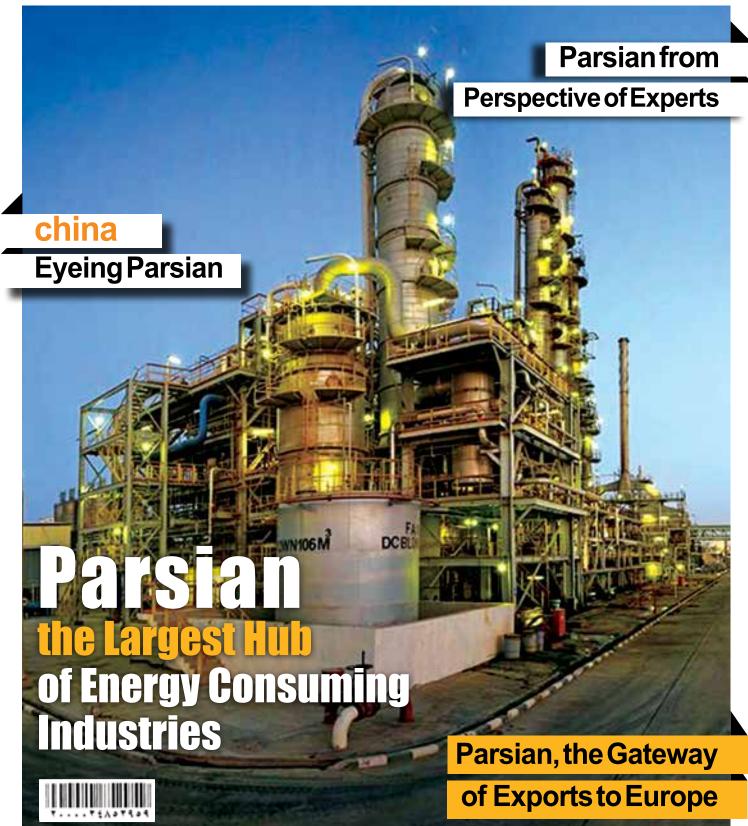
منطقه ویژه اقتصادی صنایع انرژی بر پارسیان
P . E . I . S . E . Z

PARSIAN ENERGY INTENSIVE

INDUSTRIAL SPECIAL ECONOMIC ZONE















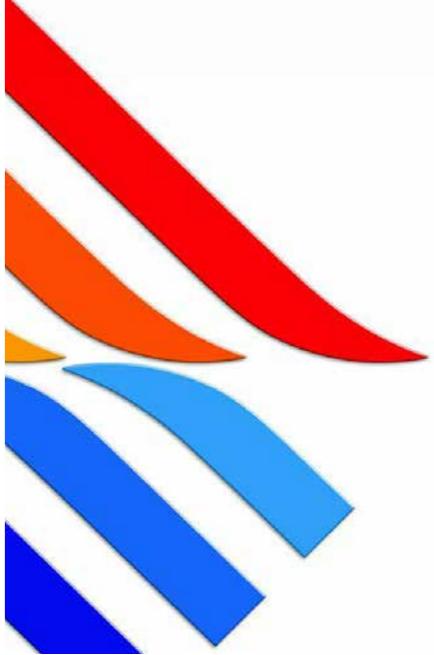








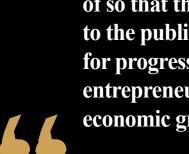
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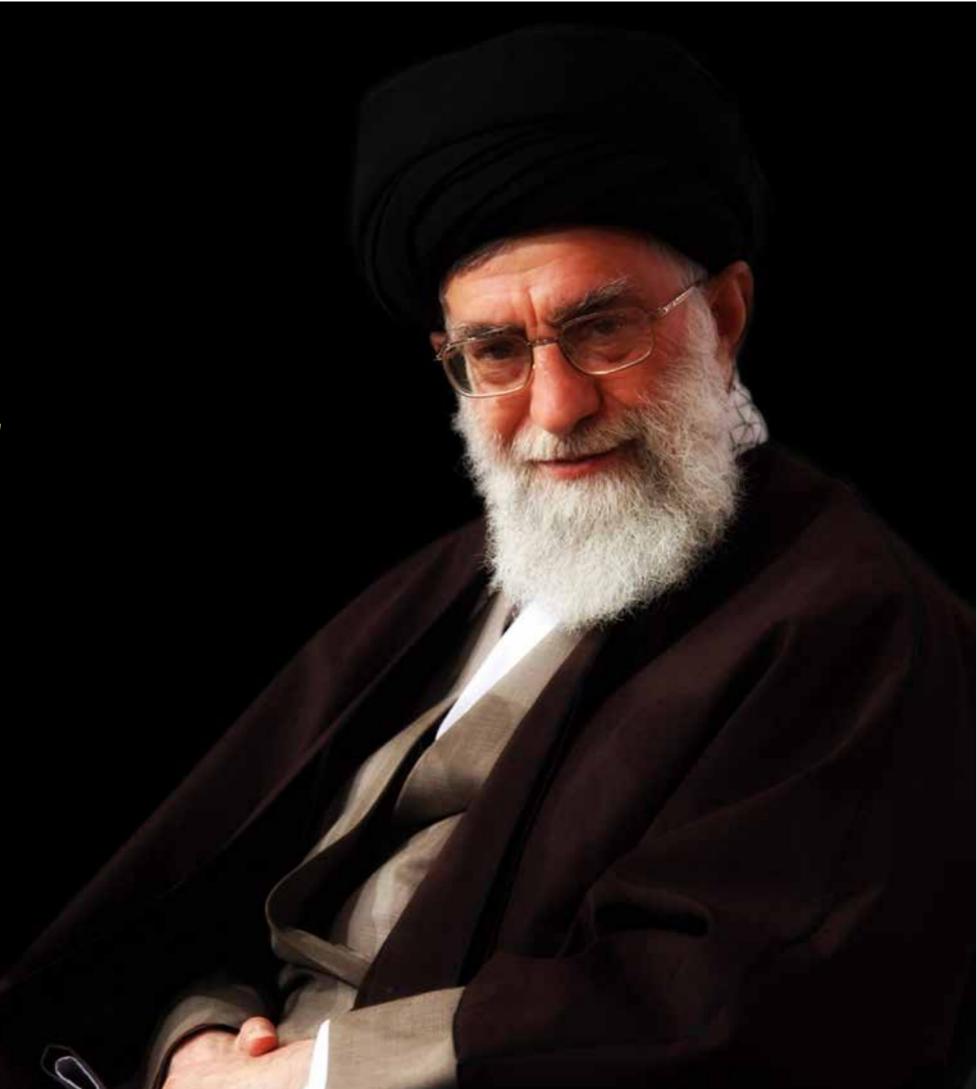
1397 year Support for Iranian goods

The Supreme Leader of **Islamic Republic of Iran:**

We need the investment security issue with the goal of boosting investment inside the country. Investment security needs to be fully taken care of so that the wealth available to the public can be used for progress, advancement, entrepreneurship and economic growth.



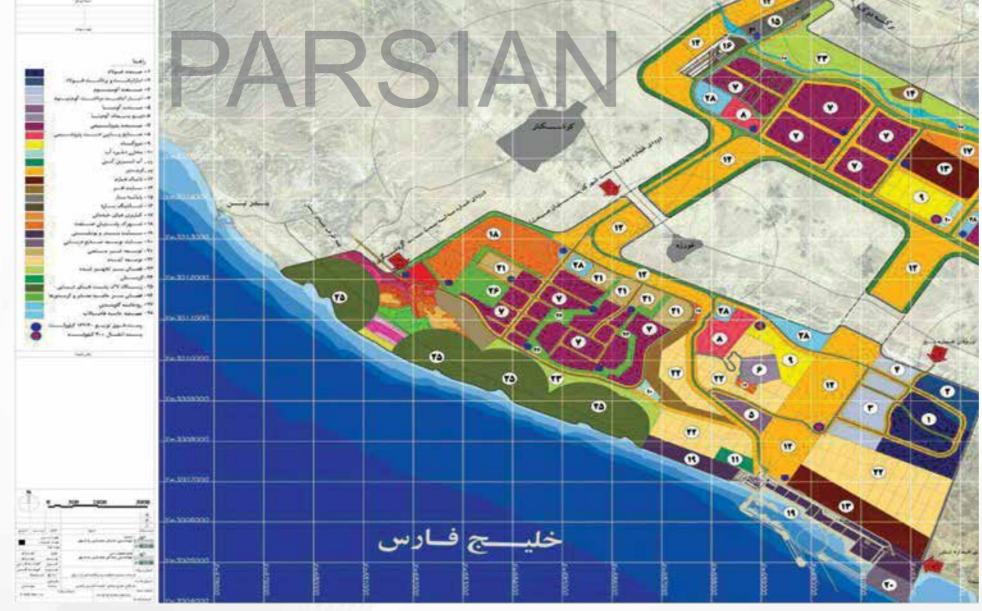


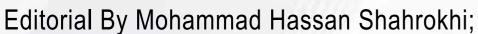


President of Iran:

Iran is Ready to Attract Foreign Capitals. Production, employment and economic prosperity that should be created in the country are very important issues and today we ready to attract domestic and foreign capitals. Iran is ready to accept investment, especially in oil, gas, petrochemical, tourism and mining sectors. Iran is a very secure country where different ethnic groups and religions live in unity and harmony. This country is rich in mineral resources and energy and has a unique geographical location and is ready for investment in oil, gas and petrochemical fields. These factors provide great investment opportunities for foreign countries. In order to attract and facilitate investment, in particular by Iranian entrepreneurs living abroad, various mechanisms have been designed to reassure people of economic security. These mechanisms will help all investors and entrepreneurs benefit from the economic environment of the country within the framework of the laws and regulations of the country. By investing and transferring knowledge and technology and strengthening their ties with their country, all Iranians living abroad, will help build a prosperous and stronger Iran.







Managing Director of Parsian Energy-Intensive Industries Special Economic Zone (PEISEZ)

Energy-intensive industries are referred to industries in which the share of energy costs in total cost of production is high. Some of these industries are steel, aluminum, petrochemical, power generation, lead, zinc, copper, glass and bricks. Among the above industries, steel, aluminum, petrochemical, power production and cement, which are competitive in global and regional markets, were selected for production on the southern coasts of Iran. For creation of these industries, as far as possible, it has been planned to use direct foreign investment and benefit from modern and best technologies of the world.

onsidering the policy for optimal exploitation of country's oil and gas resources, especially the South Pars gas resources, in the economic/social development plan of the country, special emphasis has been put on production

of processed oil and gas products and reduction of sales of crude products as well as development of energy intensive development plans of the country, it

In line with the policy of optimal of processed oil and gas products and exploitation of the country's oil and gas reducing the amount of sales in crude

resources, especially the South Pars gas resources, in the socio-economic has been emphasized on production

form as well as the development of industries which are placed in the energy consuming industries group.

The use of gas in energy intensive industries does not have the limitations of exporting crude gas while it will also generate added value and create employment. It will create the background for entrance of technology and provide the foundation for formation of downstream industries and attraction of domestic and foreign capitals.

The plan for establishment of energy-intensive industries on the southern coasts of the country is one of the strategies to use gas in the industries in which products can generate an added value several times more than the price of natural gas. Energy-intensive industries are generally capital and intermediary industries and as the upstream industries they can expand the chain of downstream industries in the region and the country. This feature gives importance to energy intensive industries as an effective tool in the field of industrial development and creation of productive employment.

About 60,000 job opportunities can be created with allocating part of South Pars gas resources to



create energy-intensive industries . This is one of the strategies listed in the upstream documents of the country. Considering the household size of 3.6 people for each job opportunity, it becomes possible to lodge about 216,000 people on the southern coasts and through this, part of the marginal areas of the country will exit from the backwardness and this matter will lead to a balanced development and distribution of population in the country.

With the objective of establishing and producing 4 million tons of steel, 18 million tons of petrochemical products, 0.6 million tons of aluminum, 4.3 thousand megawatts of electricity per year and construction of the Parsian Port with an annual capacity of 40 million tons of unloading and loading and desalination plant. PEISEZ will require an investment of over \$37.4 billion in the nongovernmental sector.

Establishment and development of the Special Zone and the launch of energy industries close to the world's largest gas reservoir (South Pars) which could become an attractive industrialeconomic hub will provide a suitable and new industrial capacity for the country.

The site of the energy-intensive industries which is located in the vicinity of South Pars (Sites 1 and 2), is one of the unique sites for establishment of upstream and downstream petrochemical industries. The estimated production capacity of petrochemical products is 18 million tons. In addition to the main industries, it is expected that with advent of basic industries, downstream production units of the above industries will be created in the region.



Energy-intensive industries are generally capital and intermediary industries and as the upstream industry can expand the chain of downstream industries in the region and the country. This feature gives importance to energy consuming industries as an effective tool in the field of industrial development and the creation of productive employment.







PARSIAN ENERGY INTENSIV

Travel to Parsian, with Flavor of Cardamom, Cinnamon and **Southern Coffee**

Parsian County is in Hormozgan Province in the south of Iran. The area of this county is 1906 km2 and is located 385km from the center of the province. Parsian has three cities: Parsian, Dashti and Kush-ke-Nar and two rural districts: Markazi and Kush-ke-Nar.

ased on 2016 census, the Hormozgan. population of this county is 50,596. The economy of the region is based on In terms of natural factors, Parsian (Gavbandi) is a plain and surrounded by for living in this area.

Fishing and trade is the occupation of the Agricultural products such as dates, people living in the most western part of barley, wheat, vegetables and tobacco

agriculture, fishing, animal husbandry, and trade. Agriculture was mainly based mountains. Existing underground water on dry farming but in recent years, the resources have provided the conditions discovery of several deep and semideep wells has helped the agriculture.

are produced in this region. Fishing and trade have long been the occupation of the people of this region.

Return of Unsuccessful Immigrants from South of the Persian Gulf

Due to deprivation of the region, part of the workforce of this region immigrated to the Arab States of the Persian Gulf

specially UAE, Bahrain, Qatar and Kuwait. Since most of these immigrants were not technically qualified and lacked expertise, they lost their jobs when technology and industry were introduced in these countries. Many immigrants also have low-paid jobs..

Beautiful coasts of Parsain and the cuisine of this region with its variety of local and native dishes have provided the best opportunities for tourism. This city is located next to the magnificent Persian Gulf coasts and its lush plains and magnificent heights are the destination of thousand tourists from all over the country.

(Cuisine) of Parsian

Various dishes of foods cooked by the native women of this region have satisfied the palates of tourists and this has been motioned in their comments. Southern cuisine has special taste and smell. It is very spicy and the smell of very pleasant.

Ranginak, Legimat, Khonforoush, Givideh and

Gavbandi Renamed Parsian

The reason for changing the name of Gavbandi and renaming it Parsian is its vicinity to the Persian Gulf. Also, the South Pars oil fields help promote the economic, social and cultural life to

Parsian the Good Neighbor of the World's Largest Gas Field

South Pars Gas Field (called the North Dome in Qatar) is one of the largest independent gas fields of the world which is situated on the common border line of Iran and Qatar in the Persian Gulf The Unforgettable Taste of Spicy Foods and located at 100Km of the southern coasts of Iran. The area of this field is 9700 Km2 and the area in Iran's territory is 3700 Km2.

Common gas field of South Pars with 14.2 trillion cubic meters of in situ gas (equivalent to 8% of all the world's gas reserves and 47% of Iran's known gas reserves), 19 billion cinnamon, cardamom and southern coffee is barrels of gas condensates, 7.5 billion barrels of crude oil and largest source of Helium, has This region has its own specialties such a a special and unique place in the national economy of Iran.

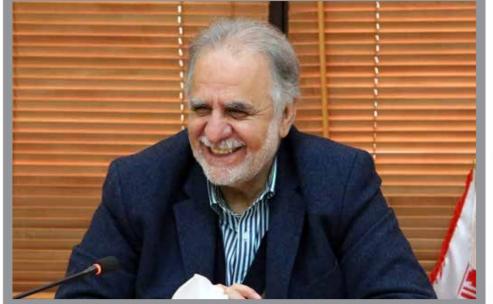
Parsian City has provided one of the best tourism opportunities with a variety of indigenous and local dishes alongside the beautiful beach. This city is located next to the magnificent Persian Gulf coast and has lush plains and magnificent altitudes for thousands of tourists from around the country.













Dr. Mehdi Karbasian (Deputy Minister, Industry, Mine & Trade Ministry)

Parsian Energy-Intensive Industries Special Economic Zone (PEISEZ) is the Largest Energy Industries Hub in the Country and the Region"

Deputy Minister at Ministry of Industry, Mine & Trade and Head of the Executive Board of Directors of the Iranian Mines & Mining Industries Development & Renovation Organization (IMIDRO) announced that converting PEISEZ into the largest energy industries hub in the country and the region is IMIDRO's long term plan for the development and prosperity of the PEISEZ and the region in the Next 20 Years.

. Karbassian, referred to the policies of the Ministry of Industry, Mine & Trade to support investors who invest in PEISEZ and said facilitating the provision of permits required by investors for economic and industrial activities through the creation of a single window in the organization responsible for managing PEISEZ, will provide all services needed by interested investors around the world through visiting the website and applying virtually and also providing the infrastructure needed by investors, such as water and power during construction period, is one of the most important policies in this field.

In response to the question about IMIDRO's specific plans encouraging investors presence in PEISEZ said managing and operations of the infrastructure required for the region to provide the necessary services to investors in planned dates and required for industries with the

participation and investment of the private sector specializing in each field (port, water, electricity, etc.) and creating a regulatory system with the participation of all investors in the region for the possibility of controlling and stabilizing the quality, quantity, timing and price of services in the best possible condition are the most important plans.

«IMIDRO Will Provide Infrastructure Needed by Investors According to the Schedule of the Establishment of the Industry»

Mr. Karbasian added that IMIDRO will provide the infrastructure needed by investors, including utilities such as water, power and gas during construction and exploitation periods, according to the schedule for the establishment of the industry.

In focusing on the construction of PEISEZ and said the zone is not an petrochemical complexes in PEISEZ, Dr. Karbasian believes that economic policies and the global market for supply and any concession which considered

and demand have always undergone a change and IMIDRO has been trying to revise and update its economic plans based on changes in the global and domestic markets. Therefore, given the changes in the global market, the potential of this region for development of petrochemical industries (proximity to South Pars gas reserves) this change has been created in the comprehensive plan of the region.

He said that the interest of private sector investors will also direct the government policies so that according to the special interests of private sector investors to invest in the petrochemical sector in PEISEZ, IMIDRO has also provided the necessary grounds for development of petrochemical investment in the zone.

He referred to the government's incentive packages for investors in exception from other special zones, particularly technical special zones,

by government for these zones will include PEISEZ as well. Legal incentives of this zone include tax and customs exemptions.

He emphasized that the obtained legal permits for this zone include the special incentives of this zone such as environmental permits, permit for sea allowed boundary, permit for establishment of the customs office, a permit to allocate 20 million cubic meters of natural gas, a permit to construct a port and a permit to settle foreign currency obligations from

Mr. Karbasian also said that the Parsian Port is the first and the largest industrial and mineral port of the country, and stated the port will have 19 jetties with a capacity of 40 million tons of unloading and loading goods per year in final phase.

According to him, at present the launching phase of the port consists of four jetties and unloading and loading capacity of 9 million tons is under construction. The preliminary estimate of the launching phase is 170 million

July 2017, and it is expected that this phase will be completed within 36 months. However, an immediate and urgent plan for the construction of a jetty for dry bulk to meet the needs of the Southern Aluminum Company is underway, which will be operational until September

Dr. Karbassian assessed the government's and parliament's views positively to support and encourage investors to be present in PEISEZ and said regarding the principles governing the resistive economy, which is the pattern of all decisions of officials in the government and the parliament and due to the geographical location of the PEISEZ which is located in one of the deprived areas of the country and creating employment and economic boom is one of the most urgent needs of the noble and patience people of this part of country, plan.

therefore, giving the priority to industrial projects of this region, based on the export of high value added products and making foreign exchange for the country will be particularly paid attention by the government and the parliament.

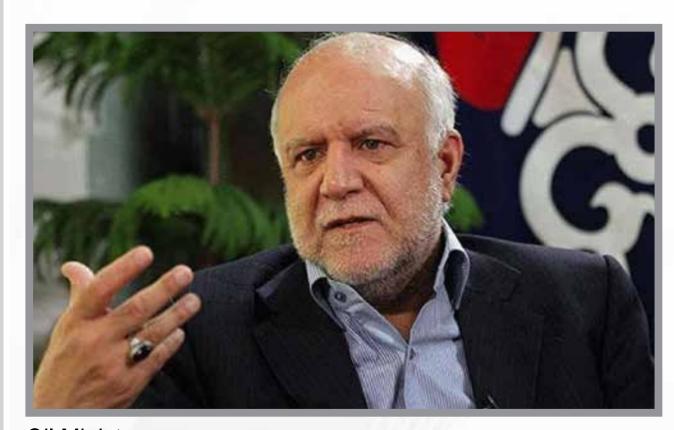
He added, for example, raising the budget and credits of this plan in the Management & Planning Organization, as well as providing facilities for obtaining domestic and foreign financing to create infrastructure in this region will be particularly attended to by the government and the parliament.

PEISEZ Capacities are Unique

He announced that conversion of PEISEZ into the largest energy-intensive industries hub in the country and region is the long-term IMIDRO plan for the development and prosperity of PEISEZ in the next 20 years and in describing this plan, he said PEISEZ, having more than two thousand hectares of lands loadable for industries, Parsian Port with a final capacity of 40 million tons per year, proximity to South Pars gas reserves and other potentials, has the He said the launch phase of the port began in capability of becoming an energy-intensive industries hub in the country and region. So, IMIDRO is planning to turn the region into the largest center for production of energyintensive products with long-term planning and providing the required infrastructure.

> Mr. Karbasian requested full support of the parliament and the government for the PEISEZ and stated since the objectives and plans of this region are in accordance with the objectives of the 2025 vision document, the overall policies of resistance economic and the 6th National Development Plan, therefore, we ask the parliament and the government for full support in regard to providing legal permits required for the region and provide the grounds for obtaining domestic and foreign financial facilities by increasing the budget and developmental credits of this national

He said the launch phase of the port began in July 2017, and it is expected that this phase will be completed within 36 months. However, an immediate and urgent plan for the construction of a jetty for dry bulk to meet the needs of the Southern Aluminum Company is underway, which will be operational until September 2018.



Oil Minister:

"Parsian is the Best Region to Invest in the Petrochemical Industry"

The Minister of Oil pointing that the special economic zone of the Parsian energy-intensive industries is the best region to develop and grow the petrochemical industry, said the Ministry .of Oil is interested in investing and supporting investment in the region

the Parsian energy-intensive area recently. zone (PEISEZ) is the best region to develop and grow the petrochemical investments in the region.

Bijan Zanganeh, announced the ministry's support for development and investment in the region at the meeting on review of the areas of barriers in PEISEZ which was held senior officials of the Ministry of Oil. measures taken in PEISEZ and stated: allocated to this region per day. At present, it can be said that PEISEZ has been abandoned from its previous

industries special economic He said that the PEISEZ is the best region for the development and growth of the petrochemical industry, adding: industry, said the Ministry of Oil is «To this end, the Ministry of Oil is The Oil Minister announced that the interested in investing and supporting interested in investing and supporting investments in this region.»

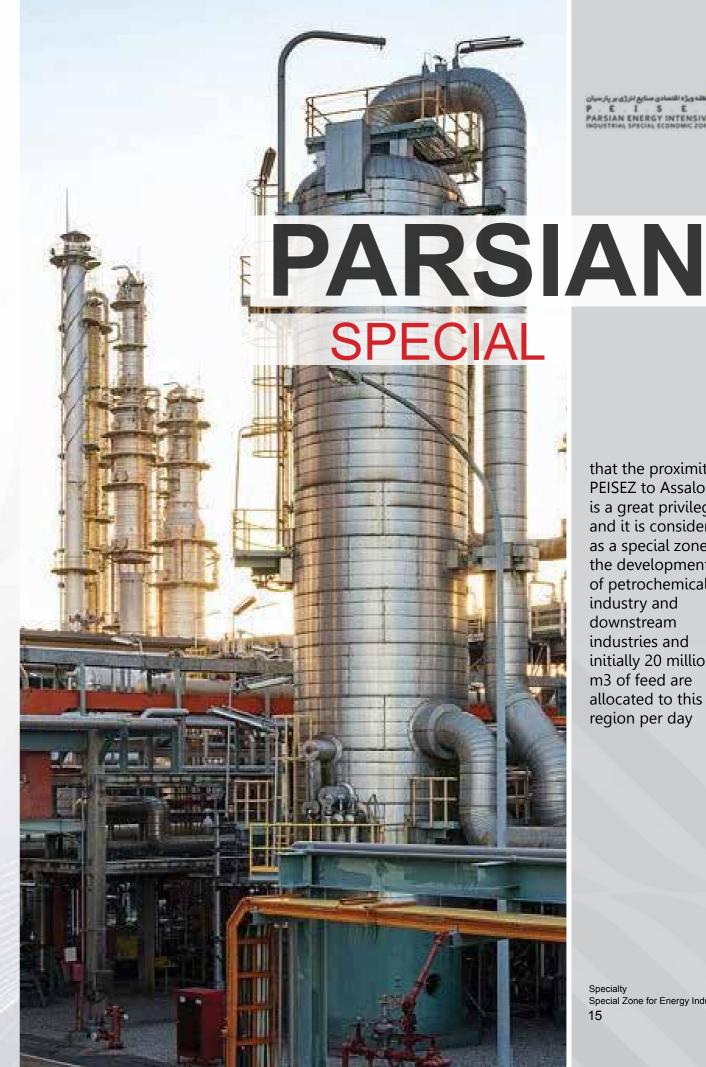
> The Government's View is to Prevent Selling Crude

Zanganeh pointed out that the proximity of PEISEZ to Assalouyeh is industry is one of the axes that growth and removing investment a great privilege and it is considered take out as a special zone in the with the participation of a number of development of petrochemical industry and downstream industries The Minister of Oil commended the and initially 20 million m3 of feed are

He added: The government's view is to prevent selling crude, and the Renovation Organization (IMIDRO) deadlock and it is clear that there have special zone plays an important role to develop and accelerate the work.

The Minister of Oil pointing that been positive developments in this in the establishment of downstream industries and the conversion of gas and oil to the products needed. There is no problem in supplying feed to petrochemical complexes in PEISEZ. provision of gas to this region by the Ministry of Oil will be done and while welcoming the activities of petrochemicals in PEISEZ, he said the development of petrochemical the government has always been pursuing.

Zanganeh said the cooperation between the Ministry of Oil and the National Petrochemical Company will continue with the Iranian Mines & Mining Industries Development &



that the proximity of PEISEZ to Assalouyeh is a great privilege and it is considered as a special zone in the development of petrochemical industry and downstream industries and initially 20 million m3 of feed are allocated to this region per day

PARSIAN ENERGY INTENSIV

IMIDRO & NPC MoU

An MOU between Iran Mining and Industries Development and Renovation Organization (IMIDRO) and the National Petrochemical Company (NPC) with the aim of organizing petrochemical projects in the Parsian Special Economic Zone of Energy Industries in June 2012, was signed by Dr. Karbassian, Head of Delegation Imidro agent and worker Ms. Shahdadi, CEO of National Petrochemical Company.

onsidering the responsibility of the Organization for the Development ✓and Renovation of Mining and Industries of Iran for the management of the special economic zone of the energy industry on the Parsian, as well as the opportunity and potential of this region as one of the future pillars of the country's petrochemical industry, in line with the Ministry of Oil's macro planning and the experience of creating Petrochemical poles such as Mahshahr, Assaluyeh and ... is all to encourage investors in this field. cross out taking into account The letter of notification of the Minister of Oil to the number 2/20 - 137010 dated 1395/03/29 regarding the process of issuing and extending the initial approval of the design Petrochemicals, this Memorandum of Understanding was signed signed by the parties.

Memorandum Objectives

- ☑ Organization of construction of petrochemical projects and infrastructure related to these projects in the region
- Preparation of comprehensive development plan for petrochemical Development Plan).
- Madopt an identical and coordinated approach to control and monitor petrochemical projects and related infrastructure in the region.

In this regard, the limits and duties for the parties were determined, which is to be noted briefly as follows:

A) National Petrochemical Company

- Determine the type and capacity of petrochemical projects to be distributed to investors in the region
- ☑ Investigating and cooperating with IMIDRO in order to develop a Comprehensive Development Plan (MDP) Executing the process of issuing and extending the initial approval of petrochemical projects
- Control and supervision of physical /



operators of petrochemical projects

- ☑ Supervising technology selection and technical knowledge holders
- Prioritization of petrochemical projects for using domestic and foreign credit lines, National Development Fund and ...
- Organization for the Development and Modernization of Mining and Industries of Iran (Imidro)
- Selection of qualified consultant projects and related infrastructure (Master and preparation of the Comprehensive Development Plan (MDP) for the designated range for the construction of petrochemical projects.
 - Preparation and presentation of the implementation plan of the infrastructure required for the regional petrochemical
 - Mallocation of land to petrochemical projects in accordance with the area and conditions declared by the National Petrochemical Company.
 - ☑Compliance with HSE requirements during construction and operation of petrochemical projects
- In order to supervise the good implementation of the projects, a working group consisting of representatives of the parties was formed, representatives of Iran Mining and Industries and Renovation Determination of the current investors of Organization, Mr. Saghafi, Senior Executive Advisor to the Chairman of the Executive Committee of IMDRO and Mr. Shahrokhi, financial progress and obligations of the Managing Director of Energy Development

Company of South Pars Industrial Company (The company is representing Development Special Economic Zone of Persian Energy Industries Corp.) and representatives of the National Petrochemical Company, Mr. Afshari, the head of the investment attraction center, and Mr. Sooki, are head of the study of polymer projects.

- The working group meetings are organized on a monthly basis and it can be said that the most important decisions of this working group are as follows:
- Selection of Special Economic Zone of Energy Industries for South Parsian as Working Group Secretary
- ☑ Drafting the Code of Practice for the Working Group
- mination of 4 petrochemical projects for implementation in the region, considering the allocation of natural gas to 20 million cubic meters per day to this area.
- Determine the service description of the specialized petrochemical consultant
- Determine the short list of petrochemical consultants to carry out the MDP and ultimately select the consultant for this section Track the status of current investors in the region
- ☑Investigating the investment of Iranianforeign partnerships out of the four schemes outlined in paragraph 3
- Holding an Involvement Call for 3 GTX Projects Submitted by National Petrochemical Company

				Pro- ductio	Trade Amoun t	Feed & Fuel		Physical	Wa- ter 10 ⁶ m ³ /y	Elec- tricit y (MW)	Area ((Ha
Item	Projects	Products		n Rate KTA	KTA Tye	Amount 10 ⁶ m ³ /y		State			
	Ammonia	Ammonia		680	75			Liquid			
	,	Urea		1,075	1,075			Solid	11	32	40
1	/ Urea	total		1,755	1,150	N.G	2.2				
		Methanol		1,650	0			Liquid			
		Propylene		375	0			Gas			
		Ethylene		270	0			Gas			
		Poly propylene		220	220			Solid			
		Poly Ethylene		200	200			Solid			
		Ethoxylate		60	60			Liquid			
		Polyol		200	200			Liquid			
		Propylene Glycol		20	20			Solid			
		C4 CUT		33	33			Liquid			
2	1 th GTX	Pyrolysis Gasoline		36	36			Liquid			
	In GIX	LPG		14	14			Liquid	12.5	126	75
		Total		3,078	783	N.G	5.05				
		Methanol		1,650	0			Liquid			
		Propylene		375	0			Gas			
		Ethylene		270	0			Gas			
		Poly Propylene		370	370			Solid			
		Poly Ethylene		250	250			Solid			
		C4 CUT		33	33			Liquid			
	2 nd	Pyrolysis Gasoline		36	36			Liquid			
3	GTX	LPG		14	14	N.G	4.5	Liquid	11	122	60
		Total		2,998	703						
		Methanol		1,650	0			Liquid			
		Propylene		395	0			Gas			
		Ethylene		250 385	0			Gas			
			Poly propylene		385			Solid			
			Poly Ethylene		200			Solid			
			Vinyl Acetate		100			Liquid			
		C4 CUT		33	33			Liquid			
	3 rd GTX	Pyrolysis Gasoline		36	36			Liquid			
4	3 317	LPG		14	14	N.G	5.05	Liquid	12.5	130	65
	Total of petrochemical project			3,063	768						
Total			ojects	10,894	3,404	-	16.8	-	22	410	240
	centralized		Elec-	500	500						
	Utility		tricity	MW	MW	N.G					
5	Desalinate d Water		x10 ⁶ 50	x10 ⁶ 50			4	_	1.5	25	30
			m ³ /y	m ³ /y					1.5		
		I	Total	/ 1		-	20.8	-	48.5	435	270
100 100 100											



Investigating the investment of Iranian-foreign partnerships out of the four schemes outlined in paragraph 3



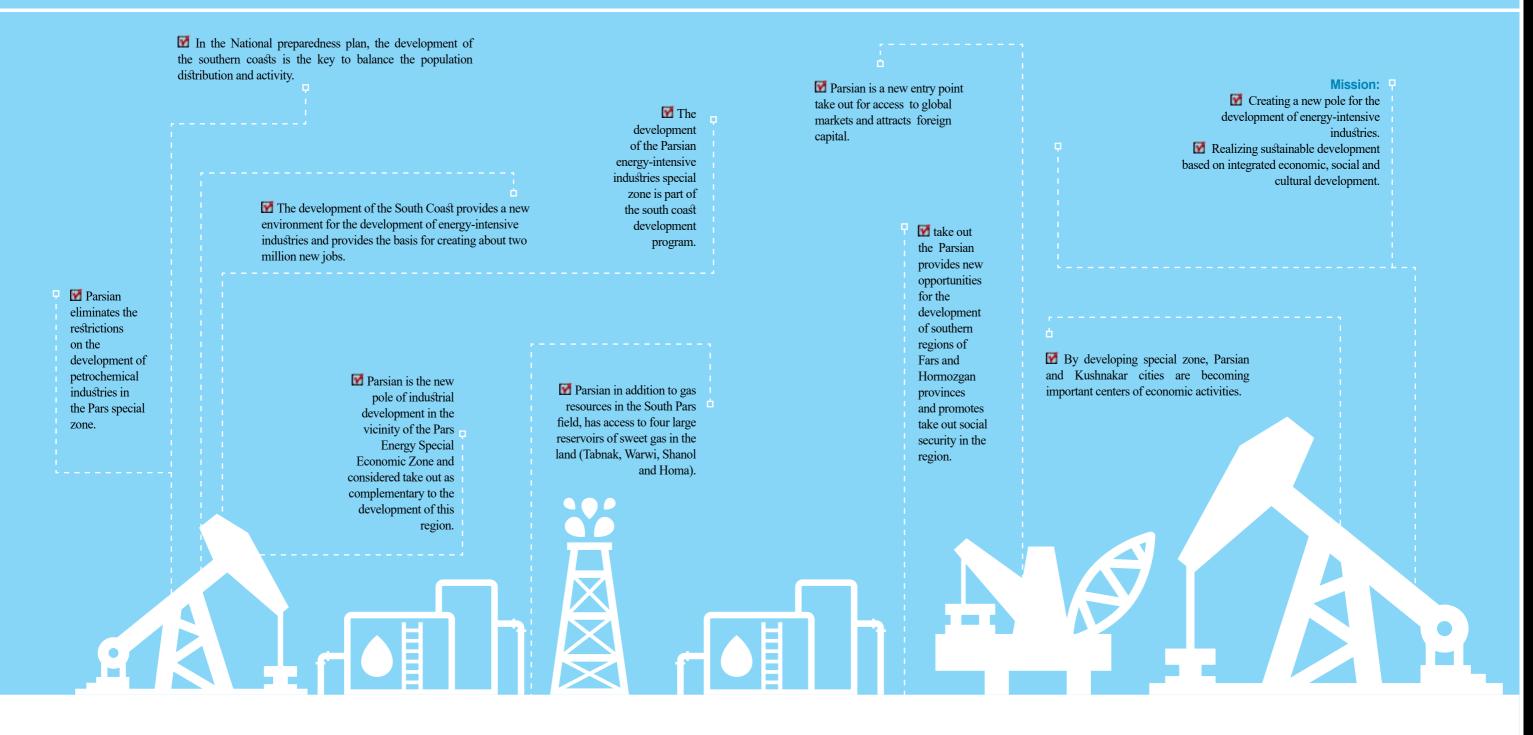


AND RENOVATION ORGANIZATION

Parsian the Petrochemical Dev

elopment Pole in South of Iran





Capacity of employment: about 60 thousand people

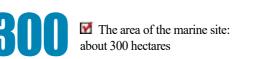
Port capacity: about 40 million tons

40

Port capacity: about 40 million tons

The area of the land: about 8300 hectares

Total area of the region: about 10 thousand hectares



1. Development Plan of Parsian Energy-Intensive Industries

Iran is a vast country in south-west Asia that is of high importance due to its particular strategic situation as the East-West link, Silk Road, TRACECA corridor, and as a North-South link (NOSTRAC), as well as neighboring 13 neighboring countries. Since Iran has the largest hydrocarbon reserves and thus has an important place in supplying global energy demands, macroeconomic policies of the country emphasize reasonable use of energy resources and promotion of Iran's position in international markets. Therefore, the policy of developing energy-intensive industries has been included in macro-scale programs of development plans of Iran in order to create added value.

ue to the existence of energy resources in the southern part the Persian Gulf and the Sea of Oman coast, which enables access to global markets, there is a unique context for the development of energy-intensive industries in the region. On the other hand, the fundamental role the oil and gas in the development of energy-intensive industries, including petrochemicals, has provided suitable grounds for establishment of these industries in the southern axes of the country. Establishment of energy-intensive industries such as steel, aluminum, power, petrochemicals and cement in these axes results in a balance of development in terms of activity, population and utilization as the core benefits of these regions.

1.2 Energy intensive industries

Energy-intensive industries refers to

energy consumption in production costs is of the country and the extent of higher than other manufacturing factors, including raw materials, workforce, and so forth compared to other industries, and has a determinant role in the final price of their products. Energy-intensive industries are generally basic and intermediate industries, and as the upstream industries, they can be expanded into a supply chain of downstream industries in Iran and the

1.3 Parsian Energy-Intensive Industries **Special Economic Zone (PEISEZ)**

PEISEZ with an area of 9,800 hectares is located 15 km west of Parsian City in Hormozgan Province. The site is also located 20 km from the Persian Gulf International Airport (Assalouyeh) and 43 km from Pars Port. This region is one of the major development poles in the country, which allows for the establishment of

that group of industries whose share of various energy-intensive industries due to its economic, social, political, security, environmental and geographic stance.

1.4 Spatial advantages of Parsian site

Proximity to the South Pars Gas Reserves Access to Persian Gulf International

Access to open seas Proximity to Pars 1 and 2 Sites Utilization of natural and human resources in Hormozgan, Bushehr and Fars provinces for development

1.5 Regional Objectives

Direct and indirect employment Prevention of the sale of crude oil and gas according to the general policies and upstream mandates of Iran

Manufacturing of products with greater added value

Optimal and competitive use of the joint gas reserves between Iran and Qatar

Domestic product boom

Developing regional cooperations by receiving raw materials and supplying products abroad

Production of 4 million tons of steel per year on 2.2 Studies and designs performed 414 hectares of land

Production of 18 million tons of gas condensates (petrochemical) industries per year on 1398 hectares of land

Production of 0.6 million tons of aluminum per year on 221 hectares of land

Production of 3 million tons of alumina per year on 200 hectares of land

Production of 4.3 thousand megawatts of electricity on 189 hectares of land

2. Actions taken in the PEISEZ

2.1 Licenses received

Approval of the Minister Cabinet of Iran Approval of the Islamic Republic of Iran Consultative Assembly (parliament)

General environmental license for the region License for allocation gas from the Ministry of Petroleum (20 million m3 per day)

Authorization to import and export goods from the Islamic Republic of Iran Customs Administration with the establishment of the customs administration of Parsian Special Zone Authorization to fulfill currency exchange obligations of investors

Authorization of the Ministry of the Interior for marine border of Parsian Port

Delegation of lands from the Ministry of Agriculture Jihad to IMIDRO

Environmental license of the Parsian Port from the Environmental Protection Agency Environmental license for water desalination with

a capacity of 280 L/sec from the Environmental Protection Agency

Permission from the Ports and Maritime Organization of Iran to build Parsian Port

Site selection studies and master plan of the Special Economic Zone for energy-intensive industries

Product market studies

Primary studies and design of the Parsian Port Evaluation study of the environmental effect of

Review and analysis of the master plan

Evaluation studies of petrochemical, plant and non-industrial investors

Provision of a master plan of transportation and traffic studies for the region

Design of office buildings, entrance gates and special zone roads

Design and preparation of the service support and industries' site

Studies and design of the loading terminal Studies on the design and preparation of the regional power plant site

Studies on the design and preparation of green

Studies of river engineering and flood control and design of flood walls' structures

Studies and design of surface water collection

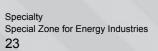
Design of gas pressure reduction station and gas distribution within the region

2.3 Implemented infrastructures

Implementing more than 58 km of customs fence Implementing more than 58 km of road for patrols and peripheral roads



Energy-intensive industries refers to that group of industries whose share of energy consumption in production costs is higher than other manufacturing factors, including raw materials, workforce, and so forth compared to other industries, and has a determinant role in the final price of their products. Energyintensive industries are generally basic and intermediate industries, and as the upstream industries, they can be expanded into a supply chain of downstream industries in Iran and the Middle East.



Construction of a 20-kilometer dual carriageway to connect the north and south sites

distribution network during construction period

Construction of two reservoirs of water at the northern and southern sites

Purchasing the right of water supply at 30 L/sec from regional water company

Purchasing 4 megawatt power for during construction period

Construction of a green space network of boundaries of passages

3. Investing in Parsian

3.1 Investment opportunities in the PEISEZ

Main industries (energy-intensive) Manufacturing of petrochemical products Production of steel products Aluminum production Alumina production Support projects

- 1. Combined-cycle power plant
- 2. Construction of desalination plant
- 3. Parsian Port

Construction of about 18 km of power Support-services and downstream projects Construction of industrial park of downstream steel, petrochemical and aluminum industries

> Construction of reservoirs and tank farms Construction of rail and road terminals Construction of an industrial park for

small industries Construction of technical service and support units

Construction of hotel and tourism

General advantages of investment in "Special Zones"

Possibility of importing goods without customs duties and commercial benefits of the Zone

Customs exemption for import of goods manufactured from the Zone to the mainland in proportion to the value added lines

and the materials used domestically. Possibility of transit and re-export of goods without limitations

Possibility of domestic and foreign participation and investment

No barrier to entry and exit of capital Tax exemptions (subject to the direct tax

Banking, monetary and currency affairs (subject to the laws of the country)

Labor regulations and social insurance to recruit foreign nationals (similar to the laws of Free Trade Zones)

3.3 Special advantages of investment in PEISEZ

Fulfillment of exchange obligations Ample land to be designed for industries Allocation 20 million m3 of natural gas to the Zone's industries Proximity to the South Pars Gas Reservoir

(within a radius of 50 km) Access to open seas and marine shipping

Availability of more than 100 million m3 of sweet gas per day

Access to the existing infrastructure at Pars 1 and

Concurrent capabilities of shore and hinterland using coastal development capacities

Access to unlimited water resources

Air infrastructure (easy access to Persian Gulf International Airport)

Marine infrastructure (plan for establishing Parsian Port with a final capacity in loading and unloading of 40 million tons and facilities of Pars Port.

Introduction of the Parsian Port

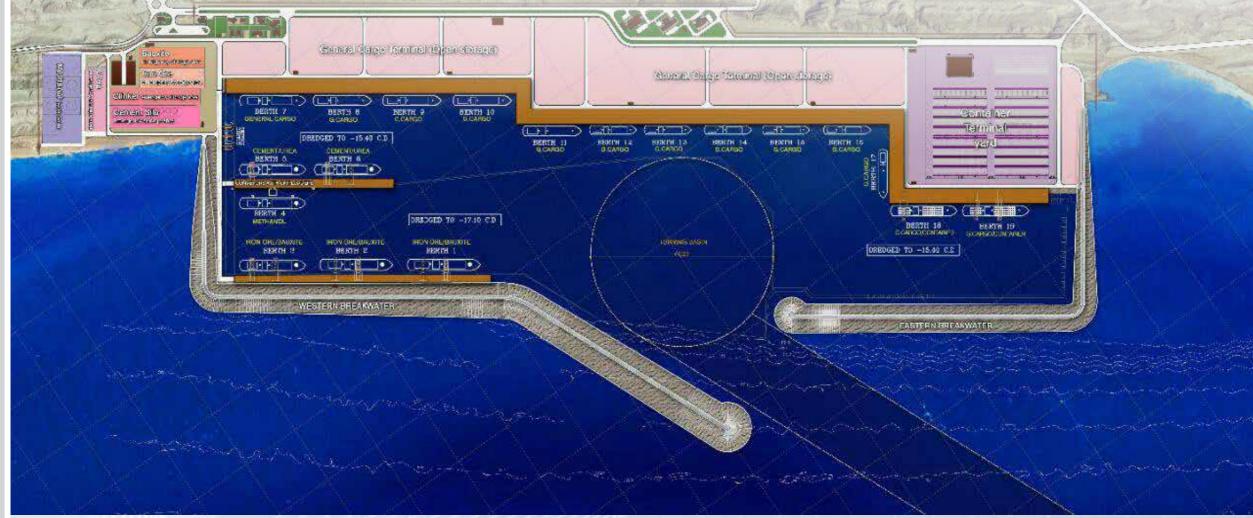
Parsian Port, located in the Parsian energy-Intensive Special Economic Zone is the main gateway for importing raw materials and exporting products from Parsian and Lamerd Special Economic Zones, and will be the first and largest industrial, mining and commercial port in Iran that will meet the needs for unloading and loading of the four major energy-intensive industries, including petrochemicals, steel, aluminum and cement in Parsian and Lamerd. According to the market and feasibility studies, nominal capacity of the Parsian Port will be about 40 million tons per year in the planning horizon and includes 19 berths for public goods, dry bulk, liquid bulk and container goods. Buoyancy capacity for container goods is 6,000 containers, 70,000 tons of public goods and 100,000 tons dry bulk with a maximum draft depth of 17 meters are considered in the designs.

Specifications of the Parsian Port at the launch phase

Operational phase of the launch phase of Parsian Port, which includes 1500 m of the main breakwater and 4 berths with a possibility of loading and unloading of about 9 million tons per year, will be operated according to the schedule by 2021.

P E I S E Z PARSIAN ENERGY INTENSIVE

Energy-intensive industries refers to that group of industries whose share of energy consumption in production costs is higher than other manufacturing factors, including raw materials, workforce, and so forth compared to other industries, and has a determinant role in the final price of their products. Energyintensive industries are generally basic and intermediate industries, and as the upstream industries, they can be expanded into a supply chain of downstream industries in Iran and the Middle East.



The energy-intensive industries are referred to industries in which the share of energy costs in total cost of production and its full price is high. Examples include steel, aluminum, petrochemicals, power generation, lead, zinc, copper, glass and bricks. From among the above industries, steel, aluminum, petrochemical, power generation and cement, which compete in the global and regional markets; were selected for production on the southern coast of Iran.

In line with the policy of optimal exploitation of the country's oil and Lgas resources, especially the South Pars gas resources in the National Socioeconomic Development Plans, production of processed oil and gas products and reduction the amount of crude sales as well as the development of industries which are placed in the energy-intensive industries group have been emphasized. In its resolution titled as "Spatial Studies on Affected Regions of South Pars Gas Reserves," the Cabinet of Ministers in 2005, determined tasks for executive bodies in the field of creating energyintensive industries in the Persian Gulf region.

In the framework of the above resolution, Ministry of Industry, Mine & Trade (as the authority on industry and mining sector) should take actions in policy-making, planning and execution of the strategy for the development of energy-intensive industries take out has.

The importance of timely execution of this plan is was predicted in the 5th National Development Plan. Use of gas

in energy-intensive industries not only has the limitations as in export of raw gas, but will also create multifaceted benefits by creating more added value, jobs, preparedness to technology entry, the possibility of forming a downstream industries supply chain and attracting domestic and foreign capital.

The idea to identify and establish energyintensive industries in the impressionable areas of southern Iran gas fields has been a subject of importance from a long time ago. The plan for the establishment of energy-intensive industries on the southern coast of the country is one of the strategies considered to use gas in of 3.6 people for each job opportunity, industries with products products can create added value amounting to several times the price of natural gas.

Serious actions in this field have been taken since the establishment of Pars Special Economic Energy Zone (PSEEZ) in Assalouyeh.

The organized planning has been formed since 2003 in process of compiling and final approval of the 4th National Development Plan.

Energy-intensive industries are generally capital-intensive and intermediary industries and as the upstream industry can expand the chain of downstream industries in the region and the country. This feature gives importance to energyintensive industries as an effective tool in industrial development and the creation of productive employment.

About 60,000 job opportunities can be created with the allocation of South Pars gas resources to launch energy-intensive industries which is one of the strategies listed in the upstream documents of the country. Considering the household size it becomes possible to lodge about 216,000 people on the southern coasts and through this, part of the marginal areas of the country will will also show improvement and this will lead to a balanced development and distribution of population in the country.

Use of gas in industries will raise their trading value 3 to 15 times and it leads to higher income and more employment in the country. Currently allocating 20

million cubic meters of gas per day from South Pars is considered for consumption in the energyintensive industries but if the development of energy-intensive industries, which is based on the relative advantages of the country, is put in priority in the country, then, It is necessary to increase this 20 million cubic meters of gas and coordinate with the goals of developing the energy-intensive industry in the country.

The macroeconomic policies of the country emphasize the optimal utilization of energy resources. This emphasis is based on the fundamental role of oil and gas resources in supplying the energy needed by various manufacturing sectors and foreign exchange earnings in the country.

Iran has an important place in providing the global energy needs by having a large share of the world's oil and gas reserves (first place in total hydrocarbon reserves of oil and gas). The most important gas reservoir in Iran is the South Pars gas reservoir, which is equivalent to 47% of Iran's gas and 8% of the share of the total proven gas reserves in the world.

Plans for establishment of PEISEZ is based on Agreement No. 40301004 (2005) between the Management & Planning Organization and the Organization of the Development and Renewal of Mining and Mining Industries of Iran as the executive body of this project.

of establishing and producing 4 million tons of steel, 18 million tons of petrochemical products, 0.6 million tons of aluminum, 4.3 thousand megawatts of electricity annually and the construction of the Parsian Port with an annual capacity of 40 million tons (loading and unloading) and desalination plant which will require an investment over \$37.4 billion in the non-governmental sector.

Establishment and development of PEISEZ provides the country with suitable and new industrial capacity in proximity to the world's largest gas reservoir (South Pars) which could become an attractive industrial-economic center. Appropriate depth of sea, suitable habitat, and access to the airport and ground transportation networks have provided very good conditions for the development of PEISEZ.

Determining the quantitative production targets for the zone has been made at this stage by looking at the goals of industrial development in the country. The target can be modified and adapted in order to create and equip the infrastructure, allocate land, and according to the necessity and requirements. The target set for the production of steel in PEISEZ is 4 million tons of steel per year.

The 20-year vision document of the country Access to water resources

has placed the aluminum industry as one of the leading industries in industrial development of the country and has recommended its development in PEISEZ. The target defined for the production of aluminum on the Parsian site is 0.6 million tons per year.

The site of the energy-intensive industries which is located in proximity of Pars Special Economic Energy Zone (PSEEZ - Sites 1 & 2), is one of the excellent sites for establishing the upstream and downstream petrochemical industries. The production capacity of petrochemical products is estimated at 18 million tons. According to the target defined for aluminum production, the capacity of the alumina production plant is estimated at 3 million tons per year. In addition to the main industries, it is expected that with the advent of basic industries, downstream production units of the above industries will be created in the region.

Special advantages of PEISEZ:

M Easy access to free waters

Proximity to the world's largest gas resource

Gas refineries in PSEEZ

ME Easy access to the Persian Gulf International

Port of Parsian project with a final capacity of 40 million tons of unloading and loading

Plan for construction desalination plant

PEISEZ was established with the objective **W** Plan for the construction of a power plant with a capacity of 4.3 thousand MW

Facilities at PEISEZ include the provision of water, electricity, gas and telecommunications infrastructure by the region, use of customs exemptions, attracting domestic partners for foreign investors, support for obtaining loans through domestic and foreign resources, consultation at all stages of the implementation of the project and carrying out operations for obtaining employment licenses for foreign employees of the investors.

Benefits and Strengths of PEISEZ

Proximity to South Pars gas reservoir (50 km

Maccess to shipping lanes

The presence of sweet gas in the areas of Tabnak, Shanol, Waravi and Homa in the vicinity of the area

Maccess to infrastructure facilities available at Pars 1 & 2 sites (Assalouyeh)

M Creation of a new development pole next to Pars 1 & 2 sites

Utilization of capacities of Hormozgan, Bushehr and Fars provinces for development

☑ Increase both shore and offshore simultaneous capabilities using coastal development capacities

Plans for establishment of PEISEZ is based on Agreement No. 40301004 2005)) between the Management & Planning Organization and the Organization of the Development and Renewal of Mining and Mining Industries of Iran as the executive body of this project

P E I S E Z PARSIAN ENERGY INTENSIVE

Governor of Hormozgan

Parsian energy **Intensive Industries Special Economic Zone (PEISEZ) is** the Axis of Development

High Representative of the Government in Hormozgan Province has considered PEISEZ take out as the development axis of West Hormozgan Province due to its very important investment and employment capacities. Dr. Fereydoun Hemmati, the Governor of Hormozgan Province, spoke to the reporter of PEISEZ about the zone and its advantages.

Government support for the investors of PEISEZ

That is the government policy on supporting investors? policies of the Planning & Hope government. In this regard, facilitating the investment process in planning has been taken into consideration and in Hormozgan Province, an investment service center was also activated to expedite the process of issuing investment permits issuing investment permits as fast as two weeks.

What is your point of view towards

These measures will also help to improve the investment process in PEISEZ. Parsian City is located in a convenient geographical location close to the important economic zone of Assalouyeh. Given its access to the Persian Gulf, it is considered as the best location to become the hub of energyintensive industries in the country. The top management of this province fully supports investments in this zone.

PEISEZ is a unique industrial and petroleum zone in the country and the Persian Gulf.



What advice do you have for directors to support PEISEZ?

Easy access to open waters

organizations are obligated to fulfill their duties regarding the creation of conditions for development of investments in PEISEZ. In addition to the legal duties of institutions and systems, according to the government's policy for development of investment by the private sector, all the executive systems have to invest in Parsian and the performance of systems in this region will be monitored and reviewed.

How do you assess the capacities of PEISEZ?

PEISEZ is a zone with a lot of potentials for attracting investors in the field of petrochemicals. Creating customs and providing official permit of sea border, access to international waters and its vicinity to neighboring countries in the south of the Persian Gulf, all have provided a good market for the investors to sell products in PEISEZ.

What special plans do you have to support investment in PEISEZ?

Parsian Port, the largest industrial port in Iran Another support program of the government is construction of a large port in PEISEZ. Construction of 19 jetties will provide a loading and unloading capacity of 40 MT. The Due to important geographical location construction process of this port is very good; this port will facilitate the export and import of manufactured goods and raw materials.

Are there special sessions held in the province in PEISEZ.

Issues and problems of manufacturing and employment in Hormozgan Province are All directors of related executive investigated and followed up in various provincial work groups. I have also placed these meetings in top priority. In addition, for important regions such as the Parsian, special sessions will be held as needed in order to accelerate the investment

> «Port Complex, access to free and international waters, customs, sea border permit and allocation of required feedstock from South Pars are the unique advantages of PEISEZ."

> We will support any action and plan that can help improve the work process in PEISEZ and I personally will review and follow up the issues regarding this important region.

What plans have been made in this complex in the field of oil and gas?

Petrochemical complexes in Persian do not have a feedstock problem. Fortunately, with the cooperation of the Ministry of Oil, 20 million m3/day of feedstock will be allocated to the petrochemical complexes located in PEISEZ and follow-ups have been made for further facilitation. Hormozgan Gas Company is directly responsible for facilitating the feedstock supply process required by investors in the PEISEZ.

Conclusion....

of PEISEZ and its unique advantages, the government pays a lot of attention to this zone. All facilities of the province will be used to facilitate investment in the province, especially



These measures will also help to improve the investment process in the Parsian energyintensive industries special zone, Parsian city is located in a convenient geographical location alongside the important economic area of Assalouyeh and given access to the Gulf waters is considered as the best place to become the energy-intensive industries in the country and the top management's view of Hormozgan province is the full support of investments in the Parsian energyintensive industries special zone.





Mr. Farshchi (Marine Deputy, Department of Environment)

The Parsian Energy-Intensive industries Special Economic Zone (PEISEZ) does not Have any Problem with Regard to Environmental Issues

The Deputy Director of the DoE pointed out that the PEISEZ has been granted the necessary permits at each stage of project and has no problems with permits.

has submitted assessment and to the environmental organization and has no problems in providing assessments and environmental permits.

Environmental Consultant)

Farshchi noted that assessments were

operations with observing the requirements. Lenvironmental impacts studies The Norwegian company has submitted environmental justification plans and appropriate assessments according to European standards to the Iranian DoE. He added that site selection of PEISEZ Aqua Plan of Norway (PEISEZ has been carried out according to the environmental standards and there are no concerns about the environmental hazards in

and the PEISEZ continued the executive has a good cooperation with the national issues of environment. The selection of foreign consultants in the preparation of environmental assessments indicates the sensitivity of PEISEZ' managers in the field of environment.

Location of PEISEZ in Accordance with **Environmental Standards**

The DoE Deputy said that the environmental carried out for the harbor construction, the region. The management of the PEISEZ plans of the PEISEZ have been reviewed with the presence of senior experts from the DoE and Norwegian consultants.

He said construction of any industrial complex in the country requires compliance with the requirements and there is no exception for PEISEZ and fortunately, we have had no problem

He emphasized that the cooperation between PEISEZ' managers with the environmental colleagues in Hormozgan Province and in the country is commendable and indicates the sensitivity of the Managing Director of PEISEZ to environmental issues.

Farshchi said the process of development and progress in PEISEZ is carried out step by step, considering the environmental sensitivities, and environmental experts have the required cooperation in this regard.

According to the Deputy, development is required for each region, and development is needed to create jobs and increase people's livelihoods, especially in the south of country, and this development cannot be

However, the preparation of environmental permits is required and fortunately these requirements have been respected in PEISEZ and they have strived to move according to international and European standards.



the environmental standards and there is no concerns about the environmental hazards in the region. The management of the Parsian special zone has a good cooperation with the environment. The selection of foreign consultants in the preparation of environmental assessments indicates the sensitivity of special zones' managers in the field of environment.

He added that the selection of Parsian special zone location has been based on

Representative of West Hormozgan Province in Parliament:

"Parsian Special Zone is the safest area for investors"

Parsian, Bandarlengeh, Bastak and Kish Island representatives in the Islamic Consultative Assembly focused on the need to create the downstream industries in Assalouveh in the Parsian Energy-Intensive Industries Special Economic Zone (PEISEZ) and said: The special energy sector for Parsian is the most secure area for domestic and foreign investors.

asser Sharifi answered the questions about the capacities and investment opportunities in PEISEZ and the parliament's view of the

Considering proximity of the World's Largest Gas Reservoir with PEISEZ what are the characteristics of the PEISEZ from your point of view?

PEISEZ is the most important hub for petrochemical development in Iran and the Persian Gulf region. This region has easy access to free waters, the Persian Gulf International Airport, proximity to the world's largest gas reserves, and gas refineries in the Pars Special Energy Economic Zone (PSEEZ).

What are the features of this zone?

The advantages and strengths of the PEISEZ are unique and special and, therefore, the government and the parliament the government and parliament are meticulous about development of activities in this region, which will create widespread employment, economic prosperity and commercial activities for the City of Parsian.

«Foreign and domestic investors can safely invest in PEISEZ and will have the best return on investment."

PEISEZ is not only an influential zone in Parsian and the province, but can also be an important hub for petrochemical activities in the country.

What are the plans at the national level for this region?

Fortunately, the ministries of Industry, Mine & Trade and Oil are well aware of the importance of this region, and hence the good support of the activities of PEISEZ and the management of this zone has been able to take effective measures to develop investments in PEISEZ.



What did you do as a representative of the people in this regard?

As the representative of the people of West Hormozgan Province in the parliament, I will be seriously supporting the activities of PEISEZ in pursuit of the resistance economy and job creation for the youth of these regions. We will try to help legislate and allocate funds to this area and to consult on a national level to help boost activities in PEISEZ.

What are the advantages of the port in

The project to build the Parsian Port complex with a final capacity of 40 million tons of loading and unloading is also a major step towards creating the right conditions for investment in PEISEZ and the hinterland.

Possibility to export directly from **PEISEZ** to Europe

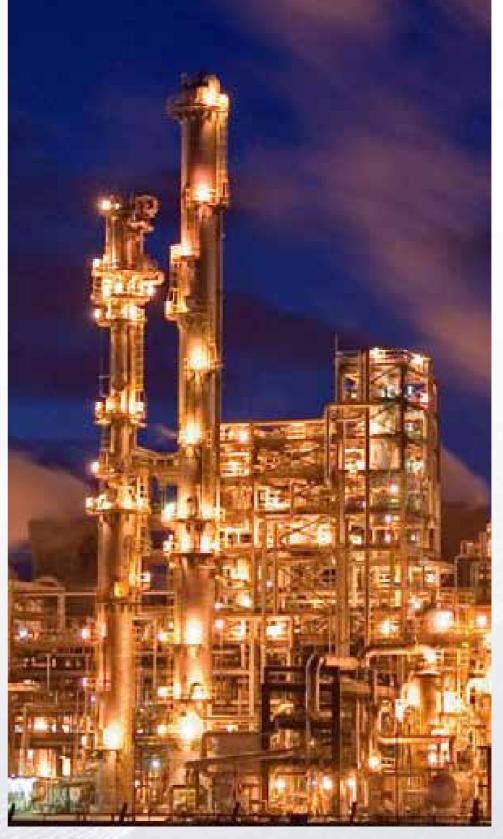
Upon completion of the Parsian Port phases at PEISEZ, direct export from the zone to Europe will become possible and export of petrochemical products,

aluminum and other products to Latakia port in Syria and on to Europe will take place. This route is currently being explored by Asian countries.

What is the solution for the Supreme Leader's mandates?

The Supreme Leader has made a good case in using the capacity of domestic and foreign capital and securing investments, which should be the light of the way for the authorities. In the year of resistance economy, we need to help the prosperity of the special energy sector of PEISEZ by using the capacities of domestic and foreign investments. The parliament and cross out the government have taken good steps to protect and secure investments. PEISEZ is one of the most exclusive areas of investment in the country, allowing for safe investments. «Investors in PEISEZ will be able to export their products from PEISEZ to

What are the impacts of customs launch on Parsian special zone boom?



Establishment of the exclusive customs office We must strive to prevent sales of crude products at PEISEZ and licensing of maritime border are special advantages at the zone allowing investors the opportunities for import and export products, we will export them through the of equipment and products.

PEISEZ has a good position for establishment of downstream industries to complement Assalouyeh industries that should be considered in planning for establishment of industries in this zone.

by launching such industries and, through the processing and production of the value added Parsian Port to other countries

I want all provincial and national officials to show full support for activities in PEISEZ so that both the people of West Hormozgan Province and the whole country will benefit from it.



The Supreme Leader has made a good case in using the capacity of domestic and foreign capital and securing investment in investment, which should be the light of the way for the authorities. We need to help the prosperity of the special energy sector on the Parsian by utilizing the capacities of domestic and foreign investment. Majles and government have taken good steps to support and secure investment. Parsian Special Area is one of the most exclusive areas of investment in the country that investors can safely invest in.





Beginning of Changes in European Policy in the Field of Parsian Petrochemicals:

Parsian in China's Spotlight

The issue of tackling environmental challenges is one of the important issues that the world is trying hard to find a solution for. China, as one of the superpowers, has a significant share in environmental pollution. Along with China, Europe is also trying to deal with this issue by taking similar measures.

owever, the issue of eliminating environmental challenges and changing the composition of production and the process of changing the strategies of production by firms on the one hand, as well as changing convergences between producer and consumer countries on the other hand,

industrial production, especially in the change in environmental policies. field of petrochemicals.

In a recent report which ICIS has prepared on the status of European petrochemical companies, their status has been reviewed and analyzed; it is possible that European petrochemical companies with recent Chinese government actions fail to will lead to developments in the field of improve the climate and the probable

According to this report, the Chinese have taken measures in their long-term policies. These measures will heavily increase the prices and along various threats, will reduce production. This will seriously jeopardize the situation of the countries which trade with China and supply the raw materials and products of their production units.

Materials from China

The reason is that with implementation of environmental policies by China, European producers importing raw materials from China will face difficulties and will have to change their production plans. It should be noted, however, that the effectiveness of anti-pollution measures in many key industrial cities of the country, with the aim of improving air quality, environmental policies. These policies will affect other countries, including member states of EU. The index of air quality is on average rising 15 percent per month and in January, unpleasant conditions are dominant in 28 cities of this

Reports indicate that out of 28 cities, 25 cities were located in unhealthy and very unhealthy areas and 3 of those cities were located in the that all of these factors are the main drivers for the increase of price of raw materials in sudden decline in production. Meanwhile, long- cars (about 21 percent). term measures can soon reinforce the price of "Experts believe that Iran can take advantage

the producers. However, for some products The Problem of Europeans in Supplying Raw these policies in long-term may result in halt in production.

Iran is the Destination for European and **Chinese Investors**

On the other hand, reviews show that in many European markets of chemicals materials, export of products to the markets of these countries is declining on a daily basis. This has led the European manufacturers to suffer from scarcity of raw materials and many problems were has been weakened in December and it increases created in their production lines. In addition, the likelihood that China will adopt long-term a significant drop in the supply of products in European markets has led to a three-digit increase in prices for some of the most important goods in the first three months, in the market of these countries. All of these issues are of major concerns.

Those who are involved in the European market also point out that lack of supply in Asia is another factor to raise the price of raw materials and the final price of products. While the UBS dangerous area. Analysts and experts believe Bank has reported in its recent report that longterm environmental policies can be useful for the market of electronic cars and it is expected that the third quarter of 2017 which resulted in a by 2025, there would be lower costs for these

lead to significant assets and added value for many years. But before these investments, waste of natural resources and use of them should be constantly monitored and reviewed. Along the way and in the future this long-term goal will include rules .These regulations in January have led, for example, to a regulation that by 2030 all plastic packages in Europe must be recyclable.

Large investments in this industry can

of opportunities that will be created in the field of producing and exporting petrochemical products and gain more share in the European market."

In this way, the production of these types of cars in the future will increase the consumption of polymer and chemical materials. In this case, either production methods must change and production of products in Europe must be done by methods which create least contamination or, the rate of import of these products from Asian and Middle Eastern countries

advantage of the opportunities created in this field. According to them, the export of petrochemical products to the European market is currently increasing. The variety of supply is not very suitable and in the future this long-term goal will

for this important market, therefore, manufacturers should take action to change their preferences for exporting products to these markets in the future.

«The year 2050 will show a horizon of significant investment in the world's petrochemical industry and this industry can lead to creation of assets and significant added value for many years». In another section the ICIS report, points out that, take out although the year 2050 shows a horizon of significant investment in the chemical industry in the world, it adds: Large investments in this industry Experts believe that Iran can take can lead to significant assets and added value for many years. But before these investments, waste of natural resources and use of them should be constantly monitored and reviewed. Along the way

include rules. These regulations in January have led, for example, to a regulation that by 2030 all plastic packages in Europe must be recyclable.

Experts believe that the development consequences of a true circular economy in petrochemical industries where products can be returned to production and recovery chain, there are many environmental challenges and the use of raw fossil materials will be a challenge. By contrast, the principle of linear economy is to rely on limited and renewable

However, in the petrochemical industry, which currently has 90% dependency on gas and oil supplies, in case the use of renewable materials become a challenge, all customers, regulators and shareholders will face many challenges and problems.

Considering the fact that petrochemical industry is based on the use of limited and non-renewable resources and finally non-renewable products will be produced and enter the cycle of nature , in future huge investments in this industry in advanced European countries are made in circular economy and investments take another form. This means that the use of technology and know-how will be considered the principles of work. This is based on the use of renewable materials and finally, renewable products enter the natural cycle with no environmental hazard. A Look to China's Center of Attention

Experts from Iran and foreign countries believe that Parsian Energy-Intensive Industries Special Economic Zone (PEISEZ), with the objective of establishing and producing 4 million tons of steel, 18 million tons of petrochemical products, 0.6 million tons of aluminum, 4.3 thousand megawatts of electricity per year, and construction of the Parsian Port with an annual unloading and loading capacity of 40 million ton and a desalination plant will require an investment of \$37.4 billion in the non-governmental sector.

and deploying the energy-intensive industries close to the world's largest gas reservoir (South Pars) will provide the country with a new and suitable industrial capacity which could become an attractive industrial-economic hub. The site of the energy-intensive industries in the vicinity of the South Pars (sites 1 and 2), is one of the best sites for establishing the petrochemical upstream and downstream industries. The production capacity of petrochemical products is estimated at 18 million tons.

Special advantages of PEISEZ are:

M easy access to free waters, proximity to the world's largest gas resource

gas refineries in Pars Special Economic Energy Zone (PSEEZ)

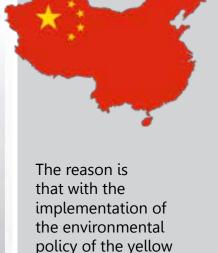
easy access to the Persian Gulf International

M a plan for construction of Parsian Port with the final unloading and loading capacity of 40

M a plan for construction of a desalination plant **M** a plan of establishing a power plant with a capacity of 4.3 thousand megawatts



P E I S E :



dragon, European producers who import their raw materials from China will face difficulties and will have to change their production schedule.

