

# **PARDIS**

# **PETROCHEMICAL COMPANY**

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**White Pearl**  
Green world



## Production capacity

Currently nominal capacity of the first, second and third phases annually is about 3,225,000 mt of mainly exportable Urea fertilizer and 2,040,000 mt of Ammonia



**P**ardis Petrochemical Company is the owner of the greatest complex for production of Urea and Ammonia in the Middle East and one of the greatest producing plants of these products worldwide.

**L**arge amount of the production and using top technologies, complying with environmental standards, Easy access to natural gas feedstock, maritime transportation lines, having specialized storage facilities and loading jetty for exporting Urea products are parts of merits and outstanding capabilities of Pardis Complex and lead to a splendid outlook for this company in international markets.

# Timeline

## 01

### **First phase**

Beginning of the project: 2001  
Utilization: 2007

## 02

### **Second phase**

Beginning of the project: 2004  
Utilization: 2009-2010

## 03

### **Third phase**

Beginning of the project: 2011  
Utilization: 2018



## Geographical Location

The company is located in Pars Special Zone of Economy and Energy, in the city of Assaluyeh at a distance of 270 km south-east of Bushehr Port. The total area of the complex including first, second and third phases is about 64.5 hectares and includes:

- **Area of first phase: 34 hectares**
- **Area of second phase: 17 hectares**
- **Area of third phase: 13.5 hectares**



## Tech certifications

### **Phase 1 & 2:**

- **Ammonia unit: M.W Kellogg from England**
- **Urea unit: Stami Carbon from Holland**
- **Granulation unit: Hydro Agri from Belgium**

### **Phase 3:**

- **Ammonia unit: M.W Kellogg from England**
- **Urea unit: Stami Carbon from Holland**
- **Granulation unit: Stami Carbon from Holland**

# Product warehousing and loading

Product warehousing, packaging and bag-filling facilities and the exportation jetty of the complex include:

- Three ammonia storage tanks total with a capacity of 60,000 tons
- Four urea warehouses total with a capacity of 210,000 tons
- Four urea bag-filling lines providing 50kg bags for supplying domestic market
- Conveyor gallery with a length of 1/6 km transports urea product in bulk from warehouses to ship-loader located at exportation jetty
- Ground platform for loading urea products by truck
- Specialized jetty to export urea products with a capability to load over 15000 mt/day in bulk one different size of vessels from handy size to PANAMAX bulk carrier vessels

## Feedstock

Each phase of the complex consumes 670 million normal cubic meters natural gas per year which is supplied from gas treatment plants of South Pars



# Utilities

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Water, electricity, gas utilities and supporting services of the plant are supplied from “Mobin Petrochemical Company”, the centralized utilities producer, adjacent to PPC plant.

# Achievements of

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-  Acquiring a substantial position in the global production of ammonia and urea
-  Employment and entrepreneurship in the construction, installation, commissioning and operation phases
-  Contributing to the prosperity of the agricultural sector in Islamic Republic of Iran
-  Increase in gross domestic product (GDP)
-  Increase of non-oil exports of Islamic Republic of Iran
-  Using the most advanced technological achievements in design and manufacture of machines and devices

# Social responsibili-

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Pardis Petrochemical Company performs its economical, social, and environmental activities as an important part of its business in order to implement its social responsibilities and participate with stakeholders. Complying with law, respecting stakeholders, and observing business ethics, it tries to become a transparent and responsible system and a source of positive effects on its stakeholders and have an appropriate participation in Iran sustainable development.

Pardis Petrochemical Company, as a leading company among Iran industrial companies in recent years and by anticipating the requirements of its stakeholders, has formulated its activities to protect its stakeholders in three economical, social and environmental fields. The following is an abstract of these activities.



# The most important activities in the field of economy

- ✓ **Contribution to the prosperity of the Iran in the field of agriculture and its self-reliance in the production of urea fertilizer**
- ✓ **Increase of the Gross Domestic Product (GDP)**
- ✓ **Increase of non-oil exports**
- ✓ **Acquiring a significant share of non-oil exports through its massive and determinant presence in the global market of urea fertilizer**
- ✓ **Presence among 30 large and valuable companies accepted in the Iran's Stock Exchange**

# The most important activities in the so-

- 01** Protection of human resources employed in the complex following and executing an appropriate strategy in the field of health, security and environment
- 02** Material and spiritual support of the development of scientific, research, health and cultural centers in the Pars Special Economic Energy Zone
- 03** Using an appropriate training program to train human resources
- 04** Methodical employment of the jobless and supporting the adopted state laws regarding attention to human resources and special attention to the employment of local workforces
- 05** Constructive interaction with universities and educational centers of the Iran and supporting the activities of these centers.
- 06** Improvement of welfare facilities for families residing in the Pars Special Economic Energy Zone

## Pardis and Environment

In order to perform its social responsibility, Pardis Petrochemical Company continues its massive and constant cooperation with the Iran Environment Organization to achieve industrial growth consistent with environmental sustainability. To this end, Pardis implements a comprehensive environment protection plan to control its emissions into the air, soil and water according to the standards of the Environmental Protection Agency. In addition, it has achieved ISO14001, HSE-MS, and OHSAS 18001 certificates in 2011 in order to have access to a safe production process in compliance with environmental standards.

- ✓ Execution of the self-report plan in the environmental field by monitoring the environment in laboratories accredited by the Environmental Protection Agency in the sectors of water, air, sound, clean air ... and vehicles.
- ✓ Development of green space inside the organization with more than 6 hectares of green space and planting and maintenance of over 40 species of plants
- ✓ Support for the Green Belt creation plan in Pars Special Economic Energy Zone
- ✓ Scientific and financial support for environmental conferences at national level
- ✓ Recycling catalysts through companies outside the organization
- ✓ Installation and operation of the application software on Health, Safety and Environment
- ✓ Scientific and financial support of corals protection plan in the Persian Gulf
- ✓ Holding training sessions on issues relating to the routine and periodical training courses on environment within the Pardis Petrochemical Complex
- ✓ Running the waste management master plan in the complex



## PARDIS PETROCHEMICAL COMPANY

The owner of the greatest complex for production of Urea and Ammonia in the Middle East



## Contact Us



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