

President Pezeshkian Enacts Iran-Turkey Railway Cooperation Agreement



Iran dispatches first export train carrying clinker to Turkey.

TEHRAN – President Masoud Pezeshkian has signed into law the Agreement on Railway Cooperation between Iran's Ministry of Roads and Urban Development and Turkey's Ministry of Transport and Infrastructure.

In accordance with Article 123 of the Constitution of the Islamic Republic of Iran, President Pezeshkian on Sunday notified the Ministry of Roads and Urban Development of the law for implementation, Iranian Presidency reported.

The agreement was approved during a public session of the Iranian Parliament on February 19, 2025, and subsequently ratified by the Expediency Council on October 29, 2025, confirming its alignment with the inter-

ests of the nation as per Article 112 of the Iranian Constitution.

Furthermore, the implementation of this agreement is contingent upon the completion of the formalities outlined in Article 16 of the aforementioned agreement, as stipulated in Article 125 of the Constitution.

For the first time, Iran has launched the export shipment of clinker by rail from Hashtgerd Station — located at the Abyek Cement Plant — to Turkey.

In line with its policies to expand international transport, boost transit capacity, and strengthen the role of railways in the national economy, the Islamic Republic of Iran Railways has begun the inaugural export movement of clinker

from Hashtgerd to the Turkish market.

The shipment consists of 27 freight wagons carrying a total of 1,500 tons, which were officially loaded and dispatched.

This initial phase is being implemented as a pilot, and if tariff conditions, transit performance, and border exchange procedures prove efficient, monthly exports of around 20,000 tons are expected to follow.

According to officials, the operation will generate approximately €2,000 in foreign currency revenue and is expected to stimulate growth in export rail transport across the Tehran Railway Directorate and the national rail network.

First Multiphase Pump Station Launched in Ahvaz Field

TEHRAN – The launch of the first mobile TSP-type multiphase pump station at Well 21 in the Ahvaz field has increased the well's production from 800 to 1,200 barrels per day and will prevent the annual flaring of 1 million cubic meters of associated gas, according to the head of the Preservation and Production Enhancement Projects Department of the National Iranian South Oil Company (NISOC).

In a report from the National Iranian Oil Company, Abdolmagid Esfandiarpour said the commissioning of the first TSP multiphase pump station in the Ahvaz field is a significant step for the oil-rich regions in using multiphase pump technology to manage low-pressure wells and enhance production stability.

He stated that the project for the design, procurement, installation, and launch of the mobile TSP multiphase pump was defined by the National Iranian Oil Company's Engineering



and Development Management. After going through the engineering, procurement, and operational execution phases, it was commissioned in October 2025 as part of the Ahvaz 14 Preservation and Production Enhancement Plan for Well 21. All stages of design, engineering, equipment supply, and operations were carried out by local specialists, he added.

The head of the department further explained that by boosting the wellhead pressure, the

project enabled the well's production flow to be transferred to the primary separation stage at the Ahvaz 1 exploitation facility, preventing the annual flaring of 1 million cubic meters of rich associated gas.

Esfandiarpour emphasized that wells in the second half of their lifespan, which face declining flow rates and reduced pressure, require new technologies to sustain production, and the implementation of this project is a practical response to this need.

Iran's Gold Demand at 58mt in Jan-Sep, Fifth Highest in World

TEHRAN - Iran had the world's fifth-largest demand for gold in the first three quarters of this year amid a surge in imports to diversify the country's central bank reserves.

Figures from the World Gold Council cited in a Saturday report by Tasnim news agency showed that Iran's gold demand reached 58 metric tons in January-September 2025.

The figures showed that Iran ranked fifth among the world's top gold-demand countries, following China, India, the United States, and Turkey, in the first three quarters of this

year.

The rise in gold demand in Iran comes amid increased imports of the metal as the government has sought to use gold reserves to mitigate restrictions on its access to hard currencies.

Iran imported around 100 metric tons of gold worth \$8 billion in the calendar year to late March, according to the country's customs figures.

The Central Bank of Iran also said in April that it had converted about 20% of its reserves into gold, supported by last year's surge in gold

imports.

Iran cut its tariffs on gold imports to zero in November 2022 to boost its gold reserves and to facilitate the return of funds held in other countries because of US sanctions.

However, the country said in October that it had returned some of its curbs on gold imports after it became clear that certain exporters were shipping gold out of Iran and then re-importing it to sell on the domestic market, benefiting from the gap between official and free-market exchange rates.

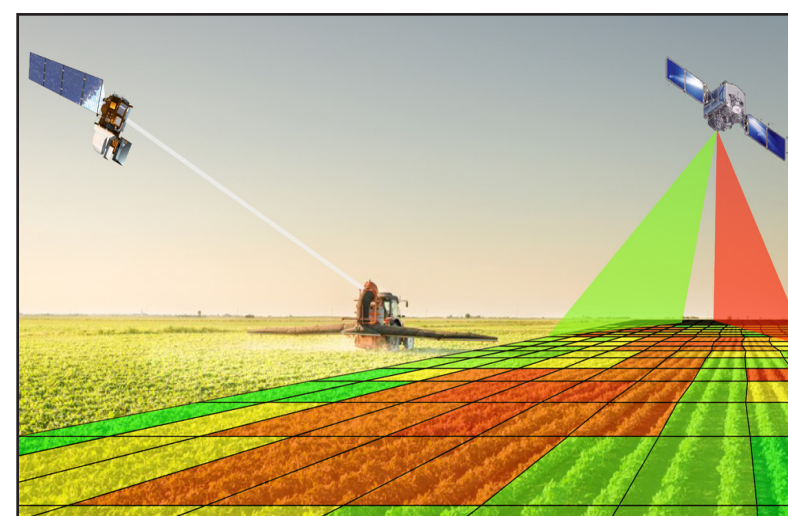
Knowledge-Based Company Develops Smart System to Monitor Over 100,000 Hectares of Agricultural Lands

TEHRAN - Technologists at an Iranian knowledge-based company implemented extensive drone operations in over 100,000 hectares of agricultural land in Iran, and succeeded in collecting data to develop artificial intelligence models, improve the accuracy of satellite monitoring systems, decision-making in irrigation management, and production of strategic products.

"Our space exploration system uses several layers of information; including ground data, daily data from various remote sensing satellites, meteorological data, and drone information. We have developed these models and now provide several main services," said Hussein Motamedi, the managing-director of the knowledge-based company stationed at the Science and Technology Park of Kermanshah province in Western Iran.

Noting that with this system, accurate land data and farm management tools are provided in the agriculture and industries sector, he said, "A special panel has also been designed for farmers; after registering, each farmer gains access to the required data by specifying the area of his farm."

"At present, we have a variety of models; including in the water requirement estimation section, precise irrigation planning (time,



hour and volume of irrigation), estimating the amount of nitrogen on the field surface, and specialized models for specific crops like sugarcane that estimates the height of sugarcane with an error of 2 to 3 centimeters. The amount of nitrogen in the branches, leaves and pods in various crops like sugar beet and other crops is also calculated," Motamedi said.

In a relevant development in 2023, engineers of a technological company in Iran had also implemented a system based on space technologies which can be used to estimate the amount of cultivated areas of five strategic crops and the actual annual needs to the products.

"For the smart management of

cultivation of strategic crops, we have on agenda the design and implementation of three under-development systems upon an order by the Iran Space Agency," said Zahra Toufaninejad, the managing director of the company.

She said that one of these systems has been developed to monitor the cultivated areas and the rate of transpiration and evaporation of the rice product, noting, "Another system monitors the cultivated area of wheat, canola, corn and sugar beet by using satellite images."

These systems will be provided to the Iranian Agricultural Ministry after being approved and finalized by the Space Agency.

Iranian Company Manufactures Industrial UPSs

TEHRAN - An Iranian knowledge-based company managed to indigenize the production of industrial "uninterruptible power supply" (UPS), providing stable electricity for the oil, gas and petrochemical industries and ensuring cybersecurity and passive defense of the vital equipment.

"At present, all stages of design and production, including the manufacture of the device's electronic boards and PCBs are carried out completely within the company, and the production line is also set up and supported by the Iranian companies," said Mojtaba Mojarad, an R&D expert of the knowledge-based company.

He referred to the importance of security in industrial UPS systems, and said, "The security of these devices is very



vital, specially in sensitive sites. In such environments, if a disruption occurs, the entire power of the industrial complex or platform may be lost."

"When this equipment is sourced from abroad, there is a possibility of threats such as malware intrusions or cyberattacks that could lead to complete power outages," Mojar-

ad said.

Continual power supply is essential for the operation of infrastructure in several industries.

An uninterruptible power supply can support power-heavy devices and ensure sustained access to a power supply in the event of a power outage.

Malaysia, Iran Resume Direct Flight After 3-Year Hiatus

TEHRAN – The direct flight between Tehran and Kuala Lumpur was resumed on Sunday after three years hiatus.

According to the announce-

ment of the Iranian Embassy in Malaysia, the direct flights between Tehran and Kuala Lumpur were resumed by Iran Airtour Airlines with

one flight per week on November 16.

The number of flights is expected to increase in the coming months.