

## Latest News

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### Gulf Area

- Oman and Japan cooperate to establish a direct reduced iron plant with a production capacity of 5 million tonnes.
- UAE is collaborating with Australia to promote decarbonisation research.

### World

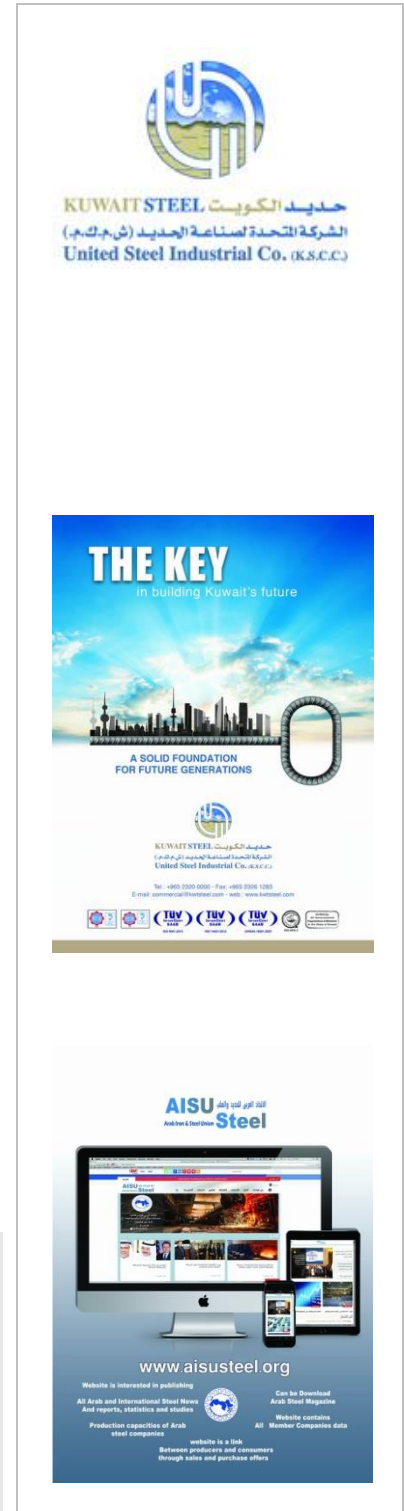
- Steel prices in the third week of April 2023.
- US steel exports increased by 7.9% in February 2023.
- US steel imports declined in January-March 2023.
- Türkiye begins the fourth revision of AD duties on steel pipes and tubes from 6 countries
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- IMF forecasts for the economies of Arab countries for the year 2023.
- IMF : China and India will account for half of the total growth of the global economy this year.

### Technology

- OHMI in Japan orders an energy-efficient, latest-generation ring rolling machine from the SMS group



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## North Africa

### The last update of rebar prices in Egypt is April 10, 2023

According to the daily follow-up of steel prices in Egypt, the rebar prices ranged between 32,050 EGP – 38,500 EGP, as some companies fixed their prices and some raised their prices compared to last week. The prices of Ezz Steel amounted to 32,135 EGP , Suez Steel 32,050 EGP, Beshay Steel 38,500 EGP , Egyptian Steel 32,050 EGP , while Elmarakby Steel raised its prices from 34,000 EGP to 38,500 EGP , Ashry Steel from 36,000 EGP to 38,000 EGP , Misr Steel from 36,000 EGP to 38,000 EGP , and El komy Steel from 37,000 EGP to 38,400 EGP , Al -ola Steel from 36,000 EGP to 38,000 EGP , and Al Gioshy Steel from 36,000 EGP to 38,200 EGP .

Rebar prices today are as follows:

Company	EGP/t	Pointer
Ezz Steel	32,135	⬇️
Suez Steel	32,050	⬇️
Beshay Steel	38,500	⬇️
El-Marakiby Steel	38,500	⬆️
Egyptian Steel	32,050	⬇️
Ashry Steel	38000	⬆️
Garhy Steel	N/A	⬇️
Misr Steel	38,000	⬆️
El komy Steel	38, 400	⬆️
Al Olaa steel	38,000	⬆️
Al Gioshy steel	38,200	⬆️

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## Egypt: The Minister of Business Sector witnesses the signing of a memorandum of understanding for the development of El-Nasr Pipes Company

Engineer Mahmoud Esmat, Minister of Public Enterprise Sector, confirmed in a statement today that the ministry is seeking partnership with the private sector within the framework of the state ownership policy document and that there is a clear investment map for projects and sectors, explaining that there is a directive to open the field and provide the necessary information to private companies to increase participation and cooperation. Especially in the productive sectors, the forms and rates of participation are discussed according to what was determined by the property policy document, noting that there is a general tendency to open the field and help private investment occupy its natural place in the national economy.

Notably, El-Nasr Steel Pipes Industry Company was established in 1962 as the first company to produce longitudinally and spirally welded steel pipes in Egypt and the region. The company operates by the specifications of the American Petroleum Institute, which are required to transport water, oil and gas, as well as the production of engineering and square sectors for use in various fields. The company is currently supplying lighting poles within the framework of the “Decent Life” initiative.

It was signed by Eng. Mohamed El Saadawy, Managing Director of the Holding Company for Metallurgical Industries, and Eng. Ali Mostafa Mousa, Chairman of Connect Egypt.

## Egypt's Steel consumption increases in 2022

During 2022, Egypt's rebar steel consumption increased to 7.895 million tonnes, compared to a consumption volume of 7.344 million tonnes in 2021, with a growth rate of 8%, as a result of the increase in consumption directed to private construction. However, high inflation rates began to limit this. The consumption rate in the fourth quarter of 2022 was about 1.905 million tonnes, compared to 2.107 million tonnes in the third quarter of the same year, a decrease of 10%.

The domestic consumption of HRC products increased to 1.655 million tonnes in 2022, compared to 1.508 million tonnes in 2021, an increase of 10%. The most significant consumer sectors are steel pipes and cold rolled steel products (CRC), while the most considerable growth sector are metal structures and steel pipes.

As of 2018, Egypt's flat steel consumption has increased at satisfactory rates and has reached an average compound annual growth rate (CAGR) of 10.8%, according to a report by Ezz Steel.



### Gulf Area

#### Oman and Japan cooperate to establish a direct reduced iron plant with a production capacity of 5 million tonnes

The Public Authority for Special Economic Zones and Free Zones signed a memorandum of understanding with the Japanese companies -Kobe Steel- and -Mitsui and Partners Ltd to establish a reduced iron plant in the Special Economic Zone at Duqm with a production capacity estimated at 5 million tonnes of reduced iron annually.

Likewise, the two companies signed a land reservation agreement with Duqm Port Company and another memorandum of understanding with Marafiq Company to supply the project with electricity and water. The MoU was signed by the Public Authority for Special Economic Zones and Free Zones, His Excellency Dr Ali bin Masoud Al-Sunaidy, Chairman of the Authority. In contrast, it was signed by the two Japanese companies, Tetsuya Fukuda, Executive Managing Officer, and Chief Operating Officer of the Mineral Resources Business Unit at Mitsui & Co.

and Masahiro Motoyuki, Executive Officer and Head of Engineering at Mitsui Corporation at Kobe Steel Company. The land reservation agreement was signed by Reggy Vermeulen, CEO of Duqm Port, while the MoU with Marafiq was signed by Eng. Abdullah Al Hashimi, Managing Director of Marafiq.

This project is characterized by low carbon dioxide by using MEDREX technology that is commercially and technically proven in this field.

The two companies aim to establish the project to provide one of the best solutions for carbon removal in the short term in the steel industry and to eliminate carbon by using specific measures represented in expanding production capacity, converting to hydrogen reduction and long-term carbon capture, utilization and storage. Under the agreement, (Kobe Steel) and (Mitsui) companies will prepare a detailed business study to start producing ferrous metals with a low carbon dioxide content by 2027, and the product will be provided in the Asian and global markets and other markets such as Europe and others.

His Excellency Dr Ali bin Masoud Al-Sunaidy, Chairman of the General Authority for Special Economic Zones and Free Zones, stressed that “Bringing this unique project to the Special Economic Zone at Duqm represents a valuable addition to the group of large global mineral projects and renewable energy projects under construction in the region. In turn, it will attract a group of industries and other medium-sized and related businesses. It will also strengthen the steel industry sector in the Sultanate of Oman and enhance the in-country value contribution by supporting local companies and small and medium enterprises and providing job opportunities for Omani youth.

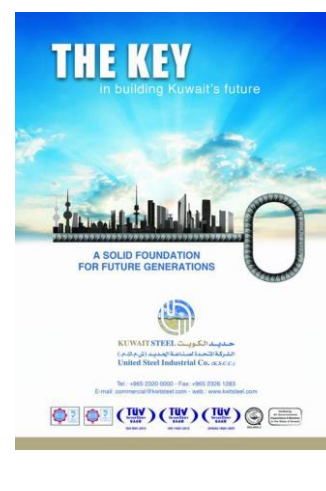
” Tetsuya Fukuda, Executive Director and Chief Operating Officer of the Mineral Resources Business Unit of Mitsui & Partners Company said that the Sultanate of Oman has extensive reserves of natural gas needed for reduced iron production. Pointing out that Mitsui Company has close relations with the Sultanate of Oman through existing businesses such as investments in oil and gas exploration, liquefied natural gas projects, and other projects. Masahiro Motoyuki, CEO, and Head of Engineering Business at Kobe Steel Company emphasized, “Through Mitsui International’s strategic partnership and extensive business experience in the mineral resources and energy sector combined with Kobe Steel’s expertise in the steel industry and key engineering technologies.

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United Steel Industrial Co. (S.C.C.)



## UAE is collaborating with Australia to promote decarbonisation research

Emirates Global Aluminum announced its collaboration with Australia's HILT CRC to advance research in the alumina refining process decarbonisation.

Australia's HILT CRC is a collaborative research centre that brings together industry, researchers, and government to deliver technological innovations for the decarbonisation of steel, iron, alumina, and cement industries. Australia is the world's second-largest alumina producer and the largest alumina exporter. Emirates Global Aluminium is the first partner of the Australian Centre in the aluminium sector, whose industrial operations are concentrated outside Australia.

Emirates Global Aluminium's Al Taweelah alumina refinery began production in 2019 and is the only alumina refinery in the UAE. The company also operates aluminium smelters in Abu Dhabi and Dubai, a bauxite mine and export facilities in the Republic of Guinea.



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**قمة الصلب العربي الـ 16**  
**16<sup>th</sup> Arab Steel Summit**  
**والمعرض الدولي للحديد والصلب 2023**  
**& International Iron and Steel Exhibition 2023**

23 -24 October 2023  
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### World

#### Steel prices in the third week of April 2023

According to the prices announced in the global steel markets, scrap prices reached \$430/tonne, down by \$8 from last week, and iron ore prices \$119/tonne, down by \$1 from last week, while steel billet prices ranged between \$550-\$590 per tonne, which were between \$555-\$600 per tonne in the second week of April. The rebar steel prices were \$650 – \$700 / tonne however, \$680 – \$700 /tonne last week.

Prices for iron and steel products in Russia and Ukraine were not obtained due to the war.

The following prices of iron and steel in the global markets on 15/04/2023

Product	Place	Min	Max	Date	w-o-w
Scrap HMS 1&2 (80:20)	CFR Turkey	430	430	15/04/2023	↓
Iron ore Fe 62%	CFR- China	119	119	15/04/2023	↓
Billet	FOB Russia	560	550	15/04/2023	↓
	Ex- CIS,CFR Turkey	590	580	15/04/2023	↓
Rebar	FOB Turkey	700	675	15/04/2023	↓
	FOB Ukraine	655	650	15/04/2023	-
Wire Rod	FOB Turkey	700	690	15/04/2023	↓
HR coil	FOB Russia	670	660	15/04/2023	↓
CR coil 1mm	FOB China	720	710	15/04/2023	↓

#### US steel exports increased by 7.9% in February 2023

In February 2023, US steel exports increased by 7.9 per cent from January to 713,250 tonnes and an increase of 8.2 per cent compared to February 2022, according to export data from the US Department of Commerce. In terms of value, US steel exports totalled \$1.25 billion in February, compared to \$1.23 billion in January and \$1.19 million in February 2022.

Steel exports to Canada increased by 10.3 per cent in February compared to January and by 18.5 per cent from February 2022, reaching 350,998 tonnes.

Exports to Mexico increased by 5.4 per cent monthly to reach 317,561 tonnes, an increase of 1.5 per cent compared to last year. In February, other major destinations for US steel exports were Singapore at 3,344 tonnes, India at 3,107 tonnes, Japan at 2,298 tonnes, China at 2,245 tonnes and Brazil at 2,140 tonnes.



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## Ukraine's production of rolled products increased by 29.9% in March

In March 2023, Ukraine's production of rolled products increased by 29.9% compared to last February and 69.5% compared to March 2022, reaching 434,000 tonnes.

Cast iron production increased in March 2023 by 32% compared to February 2023 and 112.8% compared to March 2022, reaching 466,000 tonnes. Steel production for this month reached 527,000 tonnes, a rise of 24.3% monthly and 116.9% annually.

In the first quarter of 2023, Ukraine produced 1.02 million tonnes of rolled products, recording 67.9% less than the previous year. As for cast iron production, it decreased by 65.7% to 1.2 million tonnes. Steel production decreased by 66.2% year-on-year to reach 1.23 million tonnes.

The decrease in the production volume of steel companies in Ukraine is associated with logistical problems, an unfavourable situation in the world market, and the destruction of the two largest steel enterprises in Ukraine – Azovstal and Ilyich Iron and Steel Works in Mariupol.

This makes Ukrainian iron and steel companies operate at a low level of capacity utilization, and some even stopped temporarily. In addition, Ukraine's state electricity infrastructure was bombed in October 2022, causing problems with the energy supply.

Since the beginning of 2023, the situation with energy supply has stabilized, and steel companies are gradually restoring capacity and increasing production.

In 2022, Ukraine's steel production decreased by 70.7% compared to 2021, reaching 6.26 million tonnes. Rolled product production decreased by 72% to reach 5.35 million tonnes, and cast iron declined by 69.8%, year-on-year, to 6.39 million tonnes.





## IMF forecasts for the economies of Arab countries for the year 2023

The International Monetary Fund has slightly lowered its global growth forecast for 2023 as the interest rate pace hikes slow but warned that severe financial system disruptions could drive output to near-stagnation levels.

The fund stated in its latest report on global economic prospects that the risks of spreading infection in the banking system were contained through strong political measures, after the collapse of two US banks and the forced merger of Credit Suisse.

The International Monetary Fund expects global real GDP growth to reach 2.8% in 2023 and 3% in 2024, down sharply from 3.4% growth in 2022 as a result of monetary tightening.

The International Monetary Fund lowered its forecast for the growth of the economies of the Middle East and North Africa region for the current year (2023) to 3.1%, compared to the 3.2% previously forecast.

The economies of the region achieved a growth rate of 5.3% last year.

Fund expectations for some Arab countries.

Saudi Arabia: 3.1% in 2023, compared to 8.7% in 2022

Egypt: 3.7% in 2023 compared to 6.6% in 2022

Qatar: 2.4% in 2023, compared to 4.2% in 2022

Kuwait: 0.9% in 2023, compared to 8.2% in 2022

Sultanate of Oman: 1.7% in 2023 compared to 4.3% in 2022

Tunisia: 1.3% in 2023, compared to 2.5% in 2022

Iraq: 3.7% in 2023, compared to 8.1% in 2022

Morocco: 3% in 2023, compared to 1.1% in 2022



## IMF : China and India will account for half of the total growth of the global economy this year.

The International Monetary Fund ( IMF ) said that China and India will together account for about half of the total growth of the global economy this year, which confirms the growing role of Asia in the global economy. The fund currently expects the Asia-Pacific region to grow at a rate of 4.6% during the current year, an increase of 0.3 percentage points from last October's expectations, after growing at a rate of 3.8% during the past year, most of it after the lifting of Corona restrictions in China. According to the Fund's estimates, the Asia-Pacific region will contribute more than 70% of global growth this year, according to Bloomberg News.

Krishna Srinivasan, director of the IMF's Asia and Pacific department, said China's economic recovery had revived activity across the region. He added that the strongest impact on regional growth was coming from Chinese demand for investment goods, but this time "we expect the strongest impact to come from growing Chinese demand for consumer goods." At the same time, Gita Gopinath, First Vice President of the International Monetary Fund, said earlier in the day that the Chinese economy will grow at a rate of 5.2%, which is sharply lower than the growth rates before the emerging Coronavirus pandemic., "We no longer have a China that is growing at very high rates ... "So far there are not very big growth drivers for the global economy as a whole... If we don't increase productivity, we will continue to suffer from low growth."



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### Technology

#### OHMI in Japan orders an energy-efficient, latest-generation ring rolling machine from the SMS group

Japanese forging company Ohmi Press Works and Forging has ordered a RAW 500/400-4500/800 EH radial-axial ring-rolling machine with the SMS group. This ring rolling machine is scheduled to go into operation in May 2024 at OHMI's Shigaraki plant, providing larger, heavier rings for a wide range of applications in the automotive, shipbuilding, aerospace, mechanical engineering, oil and gas and wind power industries. The new machine will be capable of rolling seamless rings With diameters up to 4500 mm and a maximum height of 800 mm. OHMI President Hiroyuki Sakamoto said, "We chose the SMS range because we are convinced that it is the best technology in the market and we have been relying on SMS as a system supplier who not only delivers plant and equipment but also supports us with specialized technical services for many years".

OHMI benefits from an innovative electro-hydraulic direct drive concept in the RAW EH machine. Depending on the application, energy consumption is reduced by up to 25 to 50 per cent compared to traditional ring-rolling machines. This driving concept developed and patented by SMS Group provides more precise and energy-efficient control of the ring rolling machine instead of a large central hydraulic system, many small electro-hydraulic motors are used for all the rolling axes, which provide the necessary power on demand. In contrast to traditional fully hydraulic ring rolling machines, the electro-hydraulic drive concept reduces the need for machine tubes, resulting in significantly lower investment costs.

"OHMI's confidence in our machines and technology encourages us to reinforce our commitment to fruitful and long-term cooperation and we are confident that our wealth of experience and dedication to developing advanced technologies will help cement OHMI's position as a leading manufacturer for ring rolling products. The ring rolling machine ordered by OHMI has a radial rolling force of 5,000 kN and an axial rolling force of 4,000 kN. SMS Group's supply scope covers all components of the machine including rolling tools, comprehensive software and technology package. The RAW machine has CARWIN control software (computer-assisted rolling mill under Windows) and ROLLTECH Rings and ROLLTECH Profiles technology. The CARWIN control software checks the target data of the ring to be produced and controls the automatic rolling process together with the CNC system of the ring rolling machine and the ROLLTECH technology package allows the ring rolling process to be simulated and certain process parameters established.

To this end, the final loop geometry and materials are brought into the system. The techniques allow repeatable and reliable turning results to ensure close machining tolerances and contribute to rapid tool changes and remotely controlled tool settings. The Ring Monitoring System (RMS) can also be used to continuously improve product quality during the rolling process and works in conjunction with the laser line. It provides real-time measurements and is displayed in a graphical mode such as ring geometry and shape deviations. State-of-the-art plant technology is approximated by digital solutions developed in the SMS-Metrics group and a comprehensive overview of production status and device status (SMS-Metrics).

**SMS group**

**MAGHREB STEEL**

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