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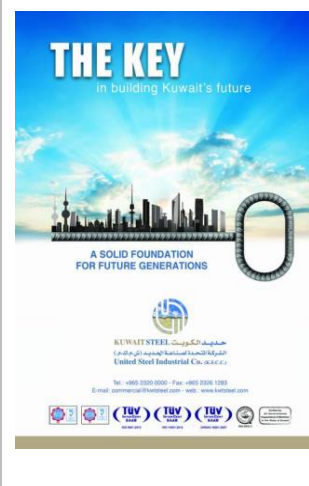
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North Africa

Tosyali Algeria Exporting 15,000 tonnes of pipes to Angola

Tosyali Algeria Steel Group, located in Bethioua, Oran, has exported 15,000 tonnes of anti-corrosion spiral tubes to Angola.

The process of exporting these large tubes, 55 meters long, was carried out in three stages from the port of Arzew, Oran. The total value of these spiral tubes, the first of their kind in terms of length, is 20 million dollars, Ramzi Azzi, director of foreign trade and investment monitoring at Tosyali Algeria, told APS. Other export operations to Tunisia and other African countries are scheduled for October.

Tosyali Algeria aims to expand its activities by carrying out different types of steel products export operations to neighbouring African and European countries and meet the national market needs.

In the first six months of 2022, the steel complex exported 571,000 tonnes of steel products, an increase of 10% compared to last year, with revenues equivalent to 450 million dollars; the exports were made from the ports of Oran, Arzew, and Mostaganem to many countries in Africa, America, and Europe. This year, Tosyali Algeria also aims to export 1.5 million tonnes of various steel products and reach \$1 billion in exports.

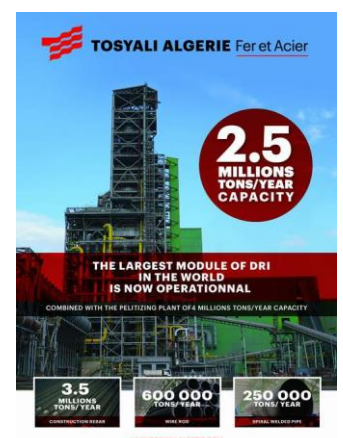
Negotiations about supplying Tosyali Algeria with iron ores from the Ghar Djebilet mine

The Minister of Energy and Mines, Mohamed Arkab, received on September 29, in Algiers, the Chairman of the Board of Directors of Tosyali Complex, Fouad Tosyali, with whom he discussed strengthening cooperation in the mining field. Especially the use of iron ores from the Ghar Djebilet mine to supply the iron and steel complex in Bethioua (Oran), according to a statement by the Ministry.

The statement indicated that this meeting took place at the Ministry's headquarters, in the presence of a member of the Board of Directors of the complex in charge of operations in Algeria, the CEO of the Algerian Mines Complex, and the CEO of the National Iron and Steel Company.

The talks focused on "cooperative relations between companies in the mining sector and Tosyali complex, as well as partnership and investment opportunities, especially about the use of iron ores from the Ghar Djebilet mine to supply the iron and steel complex Tosyali in Bethioua Oran. In this context, it was decided to prepare a technical and commercial study on an industrial unit establishment to process iron ores from the Ghar Djebilet mine.

On this occasion, Mr Arkab expressed the desire of the sector to strengthen and expand cooperation with the Tosyali complex.



Visit programs of the Arab steel companies' delegation to the Algerian steel companies have been launched

Within the framework of the activities of the Arab Iron and Steel Union, a work program for cooperation, acquaintance, and exchange of experiences between Arab steel companies was launched in collaboration between the General Secretariat of the Union and the Iron and Steel "Imetal" Algeria, to learn about the technologies applied in these factories from 25 to 30 September.

The group of technicians from member companies participated to exchange experiences, consolidate relations, and open new horizons in the iron and steel industry technology field in the Arab countries through visits to the Iron and Steel "Imetal", Sider Complex, El Hadjar in Annaba and the Algerian-Qatari Steel Factory, in Bellara, Jijel. In which Ezz Steel Group, the Libyan Iron and Steel Company, the Tunis Steel Company, and the Egyptian Refractories Company have participated.

The delegation was received by Mr Aouchiche Lakhdar, Director General of Sider Industrial Complex, who gave a welcoming speech to the guests and gave a detailed presentation on the activities of the Complex. From his side, Mr Larbi Hassan, Chairman of the Board of Directors of Sider El Hadjar, explained the iron and steel Complex's production stages. Then the program of activities began by visiting the manufacturing departments, conducting sessions of discussions on the phases of iron and steel manufacturing from various technologies, such as blast furnaces, direct reduction, oxygen and electric furnaces, and different casting and rolling stages, as well as exchanging views on how to overcome the problems and difficulties facing workers, in addition to ways of cooperation in the iron and steel field.

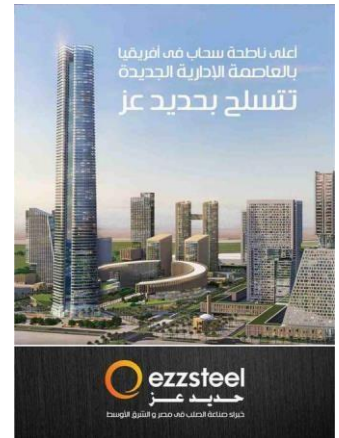
Egypt decides to increase the price of the customs dollar

The Egyptian Ministry of Finance decided to raise the customs dollar price to 19.31 pounds as an exchange rate to be used for importing goods from abroad, starting from Thursday.

It is noteworthy in the text of the decision that the customs dollar price specified in it is the highest ever since its inception, and that for the second time it becomes higher than the dollar exchange rate officially set by the Central Bank. The Central Bank of Egypt set the exchange rate of the dollar against the pound in banks on Wednesday at 19.22 pounds for purchase, and 19.29 pounds for sale.

At the end of last June, Egypt decided to raise the customs exchange rate of the dollar from 17 pounds to 18.64 pounds, while the dollar exchange rate in most banks closed at the end of the work of the night of this decision at 18.63 pounds.

An official source at the Egyptian Ministry of Finance confirmed that raising the customs dollar price will not lead to an increase in the price of goods because, in all cases, traders and importers calculate the cost of their imported transactions according to the exchange rate in banks and not according to the customs dollar if it is less than the exchange rate in banks.



Ezz Steel's profits exceed 4.1 billion pounds during the first half of 2022

The consolidated financial statements of Ezz Steel during the first half of this year showed an increase in the company's profits by 72.3% on an annual basis. The company stated in a statement to the Egyptian Stock Exchange on 13 September that it achieved profits of 4.12 billion pounds from January to the end of last June, compared to gains of 2.39 billion pounds in the first half of 2021, taking into account minority rights. The share of the holding company's shareholders in the half-profit amounted to about 2.6 billion pounds, compared to 1.58 billion pounds during the same period in 2021. While the non-controlling interests share in profits during the period amounted to about 1.52 billion pounds at the end of June 2022, compared to 813.7 million pounds during the comparable period from 2021. The company's sales rose during the first six months to 38.49 billion pounds, compared to 30.41 billion pounds in the first half of last year.

It is noteworthy that Ezz Steel recorded a net profit of 1.21 billion pounds from January to the end of last March, compared to 1.18 billion pounds in earnings during the same quarter of 2021. The parent company's share of profits during the period amounted to about 758.85 million pounds, compared to 783.7 million pounds during the same quarter of 2021. The non-controlling interest profits recorded about 458.11 million pounds at the end of March, compared to 404.17 million pounds in the same quarter of last year. The company's sales rose during the three months to 18.64 billion pounds, compared to sales of 13.49 billion pounds in the comparative quarter of 2020. On the level of independent businesses, the company's profits amounted to 18.2 million pounds from January to the end of last March, compared to 74.18 million in earnings in the comparable period last year.

Ahmed Ezz: Our investment in "Egyptian Steel" is for the future..and we do not interfere in the administration

In an interview with Al Arabiya, the CEO of the Egyptian Ezz Steel Company, Eng Ahmed Ezz, denied any intention to merge the two companies, Ezz Dekheila and Ezz Steel; he said that Ezz Steel's investment in Egyptian Steel is an investment for the future, given the conviction of the technology used in Egyptian Steel, with confidence in the feasibility of investing in it. He added that investing in Egyptian Steel is a silent partnership, "and we do not interfere in the management, taking into account all legal considerations".

Ezz Dekheila Steel, Alexandria, the largest rebar producer in the Middle East and North Africa, had acquired 18% of the total equity in Egyptian steel for managing steel mill projects from Ahmed Abu Hashima, the founding partner, and Abu Hashima Steel for managing steel projects at 2.5 billion pounds to be paid from the Company's resources. Regarding the group's debts, Ahmed Ezz said that the ratio of debt to the value of assets is very low, and the percentage of debt to one tonne of production is within safe limits, as well as for the sector in the world. Ahmed Ezz revealed the investment during the last year in a significant expansion that exceeds more than one million tons of liquid steel, which will enter production at the beginning of next year. Therefore, Ezz Steel's crude steel production in 2023 is expected to reach more than 6.5 million tonnes if the demand pattern continues as it is now. Press reports had stated that Ahmed Ezz was considering merging Ezz El-Dekheila and Ezz Steel into one entity by using the stock exchange system, with a proposed initial name for the new entity "Ezz Holding" or "Ezz", which Ahmed Ezz denied.



The Coke General Assembly decided “to liquidate the company because it was not feasible to continue but preserving the rights of employees”

The Extraordinary General Assembly of Al-Nasr Coke Manufacturing and Basic Chemicals Company, affiliated with the Holding Company for Metallurgical Industries, decided, in its session held on September 5 2022, to dissolve and liquidate the company while taking the necessary measures in this regard and preserve the rights of the workers stipulated by law, in light of the memorandum presented to the Assembly regarding the feasibility of the company’s continuity.

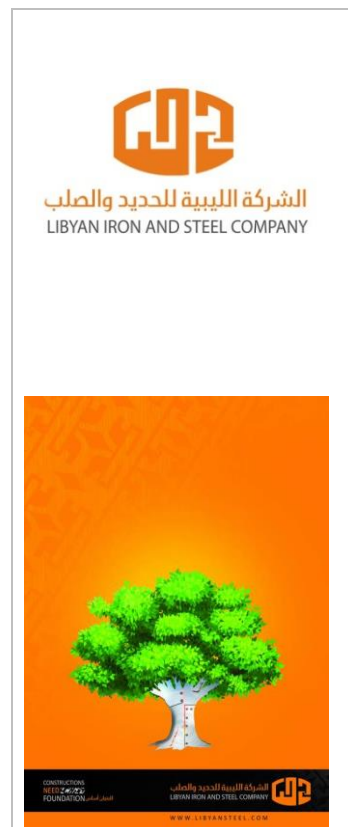
The memorandum presented to the General Assembly included the study of the global consultant, and what was stated in the report of the Coke Company’s board of Directors in April 2021, about the poor technical condition of the batteries and the deterioration of the condition of all the company’s factories, equipment, machinery and buildings, and the suspension of Coke’s activity from August 7, 2021, and the report of the Environmental Affairs Agency on the incompatibility of the company’s environmental conditions with the provisions of the Environmental Law, in addition to the report of the Central Auditing Organization on June 30, 2022, about the existence of a fundamental doubt about the continuity of Al-Nasr Coke Manufacturing Company. In this context, Eng. Mahmoud Esmat, Minister of Public Business Sector, directed that workers’ compensation should be a priority in liquidating the factory work. The association confirmed the continuation of the work of the water plant/treatment plant in the Coke Company to supply the neighbouring factories, provided that the work will be carried out by technicians from the Coke Company and the use of technicians with expertise in the factories of the companies affiliated with the Holding Company, will be studied according to its needs in this field.

On the other hand, the company’s Ordinary General Assembly approved the amended business results of the El Nasr Coke Manufacturing Company, according to the notes contained in the Central Auditing Organization’s report, with a loss of 339.3 million pounds for the fiscal year 2021/2022.

The new members of the Board of Directors of the Libyan Iron and Steel Company

The new members of the Board of Directors of the Libyan Iron and Steel Company Today’s celebration was attended by several officials, led by the Minister of Industry and Minerals, the Undersecretary for Production and Industrial Zones, the Head of the Misurata Audit Bureau, members of the Municipal Branch Qasr Ahmed, the Chairman of the Council of Elders and Notables of Misurata, the former and current Presidents and members of the Board of Directors and some leaders within the company to begin the procedures for handing over the Company board of directors. For his part, the Chairman of the Board of Directors, Dr Muhammad Abdul-Malik Al-Faqih, expressed during the speech his great thanks and appreciation to all the successive governments during this period, especially the ministries of industry and economy, and all those who had a direct and indirect relationship with dealing with the Board of Directors. He also praised during his speech on the role of the loyal workers who preserved the company and were an example of the faithful and honourable national worker, wishing all the success to the former members and thanking them for all their tremendous effort. The second unit of direct reduction went into operation yesterday. List of board members:

- Dr Muhammad Abdul-Malik al-Faqih..President
- Mr Suleiman Gomorrah Biram .. Vice-President
- Mr Ali Awad bin Omran.. Member
- Dr Abdul Hakim Mustafa Al-Hudayri.. Member
- Mr Jamal Al-Sharif Al-Wilda .. Member
- Mr Abdel-Sami' Muhammad Khadoura..Member
- Mr Abdul Salam Muhammad Munaither.. MemberAt four o'clock this morning, the second unit of direct reduction started work.



Gulf Area

Saudi Arabia announces 3 new projects in the iron and steel sector worth 35 billion riyals

The Saudi Minister of Industry and Mineral Resources, Bandar Al-Khorayef, announced three new projects- in Saudi iron and steel worth 35 billion riyals. During the second Saudi International Iron and Steel Conference, the minister said that the production capacity of new projects in Saudi Arabia is 6.2 million tonnes of iron and steel. The minister added that Saudi Arabia aims to reduce iron and steel imports by half.

The projects include an integrated complex establishment for iron sheets production, with a production capacity of 1.2 million tonnes. The Complex aims to build ships, pipelines, oil rigs and massive oil tanks. The announced projects included a factory establishment for circular iron block production with a capacity of one million tons annually.

The minister added, “We are working with several international investors to establish an integrated complex for the production of flat iron, with an annual production capacity of 4 million tons of hot rolled iron and one million tons of cold rolled iron.”

He pointed out that this sector aims to serve the automobile industry, food packaging, home appliances and water pipes.

Average prices of rebar and cement in Saudi Arabia

According to the General Authority for Statistics, the average price of rebar in the Kingdom of Saudi Arabia was recorded at 3502.29 riyals in August 2022, a decrease of 7.9% compared to July 2022, which amounted to 3802.88 riyals, and a drop of 4.8% compared to the price of August 2021, which amounted to 3669.99 riyals.

As for the average price of cement, it reached 13.82 riyals per bag of 50 kg in August 2022 compared to 13.90 riyals per bag in July 2022 and 13.92 riyals in August 2021.

Description	Augaust 2021	July2022	August 2022
Average rebar prices	3502.29 riyals	3802.88 riyals	3669.99 riyals
Average cement prices	13.82 riyals	13.90 riyals	13.92 riyals



Emirates Steel announces reinforcing steel that reduces the cost between 10% and 25%

Mohammed Al-Afari, Senior Vice President of Marketing at Emirates Steel, Arkan, revealed the launch of a new rebar product called ES600, which is considered the first of its kind in the UAE and the region, and the company has obtained local certifications for it.

According to Al-Afari, this new type reduces the cost of using reinforcing steel in construction by 10-25%, explaining that the new steel product gives tremendous durability and higher efficiency with less use; this came during the activities of the Middle East Building and Design Week and the Middle East Manufacturing and Technology Exhibition, which are being held at the Abu Dhabi National Exhibition Center ADNEC.

Al-Afari expressed his expectations that the new product will receive significant interest from (companies operating in the construction sector, as it saves construction operations by using Al-Afari touched on the .less iron, indicating that this product reduces carbon emissions company's efforts to expand the volume of cement production and open new markets outside He said: "The company's .the country instead of limiting production to local distribution production of cement is 2.6 million tons, and the local market is saturated with the local production of this product, and we seek to open new markets for the cement industry. Regarding the rebar distribution, Al-Afari said: "We cover 65% of the market's needs of " rebar, and our products reach more than 60 markets around the world."

Emirates Steel announces the prices of rebar for the month of October

The "Emirates Steel - Arkan" group announced a decrease in the rebar price for its approved distributors in the local market by 5.5% to reach 2,222 dirhams per tonne for October.

The Group indicated that this price does not include any discount based on quantities or contains any additional fees for sizes or product grade or any other fees applied to the product price such as the additional cost of raw materials. It is indicated that the rebar price in the group reached 2516 dirhams per tonne in July, while the Group fixed the price during August 2022, then it decreased to 2351 dirhams per tonne during September.



The launch of the new Emirati rebar in the last quarter

Eng. Saeed Ghamran Al Rumaithi, CEO of Emirates Steel Group, Arkan confirmed that the Group continues its excellent financial and operational performance, explaining that the results it achieved during the first half of this year confirm this. In an interview with Gulf News, Al-Rumaithi said, “Despite the decline in market momentum, the increase in fluctuations in commodity prices, and the growing fears of high inflation rates, the group recorded strong growth in profits during the second quarter of this year. Which reflects our high operational efficiency and continued success in reducing our indebtedness significantly, improving the way we manage cash flow and inventory. The positive consecutive quarterly results confirm that the merger that took place between Emirates Steel and Arkan Building Materials in the fourth quarter of 2021 was the right step on the path of growth and prosperity for both companies.”

Profits

The group’s net profits amounted to 280 million dirhams for the first six months of 2022, compared to a loss before the merger of 23 million dirhams in the first half of last year, while profits for the first half rose to 4.61 billion dirhams, compared to 418 million dirhams for the same period in the previous year. Al Rumaithi added, “The Group has succeeded in achieving these excellent results in conjunction with the uncertain and volatile global markets conditions by taking some measures. As maintaining low levels at the minimum stock of our raw materials and finished products, which led part of the working capital liberation, led to the support of the Group position in front of the potential fluctuations of the global markets. We have also taken several measures to enhance business resilience, including strategic structural changes, investment in new environmentally friendly products, an extensive marketing program, and tight cost management.”

Increasing export markets

He stated that Emirates Steel Arkan could increase the number of export markets for its steel products during the first half of this year, including Europe, America, Asia, the Middle East, and North Africa. The company remains committed to strengthening its presence in global markets and raising the competitiveness of UAE products. He continued, “Among the products that will help us achieve that is the new steel reinforcement (ES600), which the Group plans to launch during the last quarter of 2022. The new product, which is characterized by its superior strength, will also help reduce the carbon footprint of the Group, knowing that its emissions are much lower than the global average carbon emissions of industry peers. In addition to supporting our customers' efforts in their plans to reduce their environmental impact. The Group CEO said, “on a larger scale, the Group continues to work with its partners to develop a comprehensive roadmap to achieve climate neutrality in line with national goals to reduce carbon emissions. It is worth noting that our building materials sector is currently studying plans to produce green cement using low-carbon production technologies and processes.”

Clear strategy

He concluded: “We are fully confident in the growth and development the group will achieve and in the bright future that awaits it. We have a clear strategy to expand geographically, diversify our product portfolio further, and continue to provide long-term value to our shareholders. The group continues its strong commitment to supporting the economic growth of the United Arab Emirates and the goals of economic diversification. We are working to achieve the objectives of the National Strategy for Industry and Advanced Technology “Project 300 Billion”, and we look forward to further contributing to the success of this strategic initiative by investing in sustainable and responsible industry practices, employing the latest technologies, invest in research and development, and continue to develop and nurture local talent.”



"Emirates Steel cooperates with Japan's "Itochu" and "GFE Steel

Emirates Steel Arkan announced that it has entered into a partnership with Itochu and GFE Steel Corporation, a subsidiary of GFE Holdings, to study the possibility of establishing a steel production complex in Abu Dhabi to make the complex a significant part of the global supply chain in low carbon steel. Emirates Arkan Steel will work with the two Japanese companies to conduct the necessary feasibility studies for the integrated iron production plant establishment in a suitable location for the project in Abu Dhabi to meet the growing demand for environmentally friendly steel products. Under the initial plan, high-quality iron ore will be purchased and supplied to Abu Dhabi for iron production. The new industrial complex is expected to enter production in the second half of 2025, and its products will be mainly supplied to customers in Asia, including Japan's GFE Steel. Initially, the iron will be produced through an enhanced process using natural gas to reduce iron ore. The plan also includes renewable energy sources adoption in the manufacturing processes of the complex, as well as the use of green hydrogen in the future.

On this occasion, Eng Saeed Ghamran Al Rumaithi, CEO of Emirates Steel Group, Arkan, said: "We are pleased to lead efforts to reduce carbon emissions at the level of the steel manufacturing sector in the Middle East, which supports the intensive global efforts to reduce carbon dioxide emissions. Our cooperation with GFE Steel and Itochu is the first of its kind in the region. If the iron ore reduction using the hydrogen process turns into an approved steel production technology, Emirates Arkan Steel will harness it to enhance its efforts to reduce carbon emissions. Globally, about 80% of carbon dioxide emissions from the steel industry are the result of the use of coke in blast furnaces during the process of iron ore reduction.

However, the carbon footprint of Emirates Arkan Steel Group is much lower than its global peers. Thanks to its use of natural gas and advanced DRI technologies. The use of hydrogen will make our high-quality steel products more environmentally friendly and support our customers' efforts to achieve sustainability in their businesses." Jun Inomata, Chief Operating Officer, Metals and Mineral Resources Division, Itochu Corporation, said, "We are also pleased to be part of the key partners in this important project that aims to create a low-carbon iron supply chain to reduce the carbon footprint and contribute to the green iron and steel industries. Itochu will be responsible for sourcing high-quality iron ore through the supply chain that has been built through trade and investment activities over decades, while Emirates Steel Arkan will contribute through its successful experience in operating a direct reduction plant and carbon capture, use and storage in the production of green iron. For its part, GFE Steel Corporation will use the iron produced through this project to make steel and further reduce carbon dioxide emissions."

سابك
عندك

مجموعة حديد الاردن
JORDAN STEEL GROUP



حديد الكويت
الشركة المتحدة لصناعة الحديد (ش.م.ك.ح.)
United Steel Industrial Co. (K.S.C.C.)

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FOR FUTURE GENERATIONS

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World

Steel prices in the fourth week of September 2022

According to the prices of the global steel markets, the scrap price reached 350\$/tonne , Iron ore price was 98\$/tonne , while the prices of billets ranged between 525 and 630 \$/tonne, and the prices of rebar ranged between 690 and 710\$ / tonne, Wire Rod ranged between 690 and 740\$ / tonne. Prices for iron and steel products in Russia and Ukraine were not obtained due to the war between them.

The following prices of iron and steel in the global markets on 16/09/2022

Product	Place	Min	Max	Date	w-o-w
Scrap HMS 1&2 (80:20)	CFR Turkey	350	350	23/09/2022	↔
Iron ore Fe 62%	CFR- China	98	98	23/09/2022	↔
	CFR Turkey	525	525	23/09/2022	↓
	FOB Russia	610	630	23/09/2022	↑
Rebar	FOB Turkey	690	710	23/09/2022	↑
	FOB Ukraine	-	-	23/09/2022	-
Wire Rode	FOB Turkey	690	740	23/09/2022	↔
HR coil	FOB Russia	575	585	23/09/2022	↔
CR coil 1mm	FOB China	630	650	23/09/2022	↓

Russia cuts off the gas entirely to Europe

The Russian company “Gazprom” announced, on September 2, the suspension of gas supplies through the natural gas pipeline “Nord Stream” completely until the pipeline turbine is repaired, as it was intended to resume work on September 3, after the maintenance process. Gazprom said in a statement that it discovered an oil leak in the turbine during the maintenance process and stated that, until the completion of the repair, the transportation of gas through Nord Stream is suspended. The former Russian president and deputy head of the Russian Security Council, Dmitry Medvedev, had threatened that Moscow would “stop gas supplies to Europe” as Brussels headed to set a ceiling price of Russian gas. In response to the statements of the President of the European Commission, Ursula von der Leyen, about setting a ceiling on the price that Europe pays for Russian gas, Dmitry Medvedev wrote on the Telegram application. “There will simply be no Russian gas in Europe”. On September 3, the Kremlin announced that the work of the Nord Stream gas pipeline, which supplies Europe, was “threatened” due to a lack of spare parts because of the sanctions imposed on Moscow due to the war in Ukraine. “Technically speaking, there are no precautions- only one turbine is working,” Kremlin spokesman Dmitry Peskov said. He added, “The reliability of the operation of the entire system is under threat,” stressing that this is not the result of a “mistake from Gazprom”, the Russian Group that provides supplies through the pipeline.



World crude steel production declined by 3.0% in August 2022

According to preliminary data announced by the World Steel Union about world production (64 countries) during August 2022, crude steel production amounted to 150.6 million tonnes, a decrease of -3.0% compared to production in August 2021, Africa produced 1.3 million tonnes in August 2022, up 3.5% from August 2021 and Asia and Oceania produced 112.6 million tonnes of crude steel in August 2022, down -0.2% from August 2021. The European Union (27) produced 9.7 million tonnes of crude steel in August 2022, a decrease of -6.7% compared to July 2021. Other Europe produced 3.5 million tonnes, down -16.5%; and the Middle East produced 3.2 million tonnes, up 24.2%. Crude steel production in North America in the same month was 9.6 million tons, a decrease of -13.3% compared to the same month in 2021. Independent countries including Russia and Ukraine produced 6.9 million tonnes of crude steel in August 2022, down -22.4% from the same in 2021 and South America produced 3.6 million tonnes, down -10.1%.

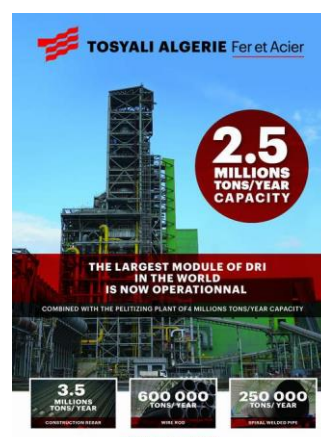
Top 10 crude steel producing countries in the world

Countries	August. 2022 (Mt)	% change August 22/21	August-March 2022(Mt)	% change 22/21
Africa	1.3	3.5	9.7	-7.4
Asia and Oceania	112.6	-0.2	925.1	-4.3
EU (27)	9.7	-13.3	95.3	-6.9
Europe, Other	3.6	-18.6	31.0	-8.4
Middle East	3.2	34.2	28.5	6.9
North America	9.6	-5.4	76.0	-3.6
CIS	6.9	-22.4	59.1	-18.2
South America	3.6	-10.1	29.2	-3.4
Total	150.6	-3.0	1253.9	-5.1

As for the Arab countries, Egypt topped the Arab countries with a production of 883 thousand tonnes, an increase of 0.6%, followed by the Kingdom of Saudi Arabia with a production of 785 thousand tonnes, with a decrease of -0.4%, and the UAE came in third place with a production of 271 thousand tonnes.

Crude steel production in the Arab countries

Countries	Feb.2022 (Thousand)	% change Feb.- Feb. 22/21	% change 22/21
Egypt	796	766	3.9
Saudi Arabia	715	673	6.2
United Arab Emirates	180	228	-21.0
Qatar	86	77	11.6
Lybia	62	72	-13.8



Europe's largest steel group to shut two plants in northern Germany as gas prices soar

ArcelorMittal said it would switch off one of two furnaces at its steelworks in the German city of Bremen until further notice from September-end, citing the soaring cost of gas, weak market demand and a negative economic outlook.

The world's second-largest steelmaker said it would also shut down the direct reduction plant at its Hamburg steel factory from the fourth quarter of this year while keeping workers on shorter hours at both sites.

"The high costs for gas and electricity are putting a heavy strain on our competitiveness. On top of that, from October onwards, there will be the German government's planned gas levy, which will further burden us," Reiner Blaschek, chief executive of ArcelorMittal Germany, said in a statement. With a tenfold increase in gas and electricity prices, which we had to accept within a few months, we are no longer competitive in a market that is 25% supplied by imports. We see an urgent need for political action to get energy prices under control immediately," he added. Russia has cut gas supplies to Europe after invading Ukraine in February, a move that has pushed up prices and threatened recession and energy shortages going into winter.

World DRI production reaches 119.2 Mt in 2021

Midrex Publishes World Direct Reduction Statistics
Global direct reduced iron (DRI) production in 2021 was 119.2 million tons (Mt), up 13.7% from the revised 104.8 Mt produced in 2020 and up 10.2% from the previous record of 108.1 Mt in 2019. From 2016, the worldwide DRI output has grown by almost 44.4 Mt or nearly 61%. MIDREX Plants produced 70.85 Mt in 2021, a 12.3% increase compared to 2020. MIDREX Technology continued to account for ~80% of the worldwide production of DRI by shaft furnaces. MIDREX Plants have produced a cumulative total of approximately 1,250 Mt of all forms of DRI (CDRI, HDRI, and HBI) through the end of 2021. Each year Midrex Technologies, Inc. compiles and publishes World Direct Reduction Statistics as a resource for the global iron and steel industry. World Steel Dynamics (WSD) audits the data collection and preparation processes used by Midrex to confirm that the methodology and accuracy of the data to be published are representative of the global direct reduction industry in a given year.

Vale's iron ore exports down 19.6 % in H1 2022

In June this year, Brazilian miner Vale's iron ore export volume totalled 19.89 million mt, rising by 7.7 % compared to May and decreasing by 16.4 % compared to June 2021, according to Brazil's National Union of the Industry of Extraction of Iron and Base Metals (Sinferbase). In the first half of the current year, Vale's iron ore exports decreased by 19.6 per cent yearly to 100.89 million mt, meanwhile, in June this year, Vale's iron ore sales in its domestic market amounted to 2.08 million mt, moving up by 50.1 % year on year and by 1.3 % month on month. From January to June this year, Vale's iron ore sales in its domestic market totalled 11.58 million mt, increasing by 38.7% compared to the same period last year.



German steel federation calls for natural gas price cap

The German steel federation Wirtschaftsvereinigung Stahl (WV Stahl) has stated that the German government's third package of relief measures is not enough to prevent massive effects of high energy prices on the industrial foundations of the country's economy. According to the statement, the significant increase in natural gas and electricity prices compared to spring last year has resulted in an annual increase in the steel industry's energy costs of more than €10 billion, threatening Germany's international competitiveness.

WV Stahl has called for a capping of natural gas prices for 80 per cent of industrial users' natural gas consumption to a competitive level. The federation stated that the price signals from the market would provide a sufficient incentive for the rest to limit their consumption.

China's iron ore imports down 3.1% in January-August 2022

In the January-August period this year, China imported 722.922 million mt of iron ore (iron-ore), down 3.1 % year on year, as announced by the Chinese customs authorities on September 7. In August alone, China imported 96.208 million mt of iron ore, down 1.3% yearly while up 5.4 % month on month. In early August, iron ore prices dropped sharply amid decreasing iron ore futures prices at Dalian Commodity Exchange (DCE) and rising supplies. Later, iron ore prices indicated a rebounding trend until mid-August amid an increasing capacity utilization rate of blast furnaces in China.

However, iron ore prices softened again later in the month due to relatively high inventory levels.

Turkey's billet imports down 31.9% in January-July 2022

In July this year, Turkey (turkey)'s billet (billet) and bloom import volume decreased by 46.8 % month on month to 175,603 mt, down by 25.3 % year on year, according to the data provided by the Turkish Statistical Institute (TUIK). The imports value totalled \$117.85 million, down 51.3 % monthly and 28.4 % year on year. In January-July, Turkey's billet import volume amounted to 1.36 million mt, decreasing by 31.9 %. However, the value of these imports decreased by 16.6 % to \$1.01 billion, both year on year.

US wire rod imports up 101.3% in July, Algeria and Egypt led

According to the latest census data from the US Department of Commerce, US wire rods imports totalled 177,448 mt in July 2022, up 101.3% from June and up by 79.3% from July 2021. By value, wire rod imports totalled \$186.6 million in July 2022, compared to \$105.7 million in June and \$85.9 million in July 2021. The US imported the most wire rod (wire-rod) from Malaysia in July, with 34,687 mt. Other top sources of imported wire rods in July include Canada, with 27,112 mt; Germany, with 24,532 mt; Algeria, with 22,868 mt; and Egypt, with 16,197 mt.



China's steel industry PPI declines by 15.1 % in August

In August this year, China (china)'s producer price index (PPI) for its ferrous metal smelting and rolling sector declined by 15.1 % year on year, with the declining pace 5.6 percentage points faster compared to that recorded in July this year, while down 4.1 % month on month, according to the data released by China (china)'s National Bureau of Statistics (NBS).

In the first eight months of this year, China's Producer Price Index (PPI) for its ferrous metal smelting and rolling sector increased by 1.0 % yearly, 2.5 percentage points slower than the increase recorded in the first seven months. China's overall producer price index (PPI) rose 2.3% yearly in August. However, it declined by 1.2 % month on month. Meanwhile, in August, Chinese industrial producers' purchase prices rose by 4.2 % yearly and were down 1.4 % compared to July.

In the first eight months this year, China's overall producer price index (PPI) increased by 6.6 % year-on-year, while the industrial producers' purchase prices rose by 9.1 % year on year.

Turkey's longitudinally welded tube and profile exports up 9.4% in Jan-July, Egypt and Iraq were in the lead

In July this year, Turkey's total longitudinally welded tube and profile exports decreased by 42.8 % to 122,405 metric tons compared to June and were up 35.1 % year on year, according to the data provided by the Turkish Statistical Institute (TUIK). These exports had a value of \$151.17 million, down 40.1% monthly, while increasing by 49.4 % compared to June 2021.

In January-July this year, Turkey longitudinally welded tube and profile exports amounted to 1.1 million mt, up 9.4 %, exports value increased by 41.3% to \$1.24 billion, both compared to the same period of 2021. In the given period, Turkey's largest longitudinally welded tube and profile export destination were Romania, which received 162,919 metric tons, up 5.3 % yearly.

Romania was followed by the US with 116,628 metric tons and the UK with 106,295 metric tons. Egypt and Iraq came in fourth and sixth place with 89,538 metric tons and 70,788 metric tons, respectively.



Signs of the “American Fed” .. fixing interest rates will not take place without rates of 4%

US Federal Reserve officials are heading to raise interest rates this week by 75 basis points for the third meeting in a row and indicate that they will go to more than 4 per cent and then will be maintained at this level, Bloomberg News reported

September 19. Bloomberg said the increase could be even higher, however, there are compelling arguments not to make a sudden interest rate hike of 100 basis points, which is likely to prevail when they meet on Tuesday and Wednesday in Washington since the officials’ meeting last July, “the whole” of the data shows, in the words of Board Chairman Jerome Powell, that the economy remains resilient and inflation is rampantly rising. German Bundesbank President Joachim Nagel called on the European Central Bank to be firm in dealing with inflation rates, which may reach double what they are now, later this year. If the data trend continues, we should go for an additional rate hike, as already agreed in the Governing Council,” Nagel said. We have to be determined in October and beyond. The European Central Bank raised interest rates by three-quarters of a point this month, a rate described as historic. Economists expect the central bank to take another similar action in October as policymakers face record inflation.

Their work is complicated by the rapidly deteriorating economy and the pressures posed by energy conservation this winter. During the German central bank’s open day in Frankfurt, Nagel suggested that the momentum would decline in the third and fourth quarters but expressed confidence that the economy could avoid a severe recession. In Vietnam, Pham Thanh Ha, deputy governor of the Central Bank of Vietnam, said the bank aims to maintain the credit growth ceiling, at 14 per cent, for 2022, ruling out speculation that the regulator will ease lending limits to boost the economy.

Rio Tinto, China’s Baowu Steel agree on joint venture to develop iron ore in W. Australia

Mining group Rio Tinto announced that it would team up with China Baowu Steel Group to develop a Western Range iron ore project in the Pilbara region of Western Australia, with a joint investment of 2 billion U.S. dollars. According to a media release, Rio Tinto contributes 1.3 billion dollars, and Baowu invests 700 million dollars. The venture is expected to help develop the mine by constructing a primary crusher and an 18 km conveyor system, linking it up to an existing processing plant in Paraburdoo, a mining town in the Pilbara region. Western Range’s annual production capacity of 25 million tonnes of iron ore will help sustain production of the Pilbara Blend from Rio Tinto’s existing Paraburdoo mining hub,” said the multinational mining group. Construction is scheduled to begin in 2023, with the first production anticipated in 2025. We have enjoyed a strong working relationship with Baowu for more than four decades, shipping more than 200 million tonnes of iron ore under our original joint venture,” said Rio Tinto Iron Ore Chief Executive Simon Trott. “We are looking forward to extending our partnership at Western Range”. Meanwhile, Baowu Resources Chairman Shi Bing regarded the signing of the joint venture agreement for the Western Range Project as “a significant event in the history of cooperation between Baowu and Rio Tinto”. We hope that the two parties will deepen the mutually beneficial and win-win partnership, continue to carry forward the spirit of sincere cooperation and further expand cooperation in more fields and aspects based on working together to operate the project well,” Shi said.

The project is still pending approvals from the Chinese and Australian governments.



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Trillion-dollar cost of climate changes globally in 2023

The Information and Decision-Making Centre of the Council of Ministers has published a vital report on the effects of climate change. It confirmed that in light of the continuing impacts of climate change around the world, the cost is expected to reach one trillion dollars next year so that the world will witness another year of climate changes that destroy homes, crops and the movement of the freight and threatens the lives of the citizens.

The report was based on data from the Aon Data and Research Company. It indicated that the world would suffer due to lower temperatures in some parts of the Pacific Ocean and higher in other parts of it, as well as changes in the circulation of the tropical atmosphere, such as winds, pressure and rainfall. For his part, Michael Pinto, president and founder of Pento Portfolio Strategies of consultancy, said that these phenomena essentially exacerbate existing problems; it increases energy and food prices and increases inflation rates, which negatively affects the global economy. The rise in greenhouse gases in the atmosphere increases the likelihood of many atmospheric climate changes and temperature instability in the Pacific Ocean until January 2023 by 80%, said Richard Seger, a research professor at Columbia University. According to data and research company, Aon, climate change cost the world \$268 billion in 2020 and \$329 billion in 2021

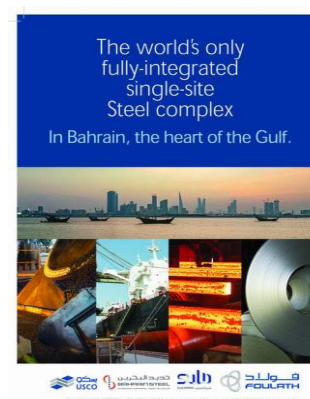
China's steel bar exports down 21.5 % in Jan-Aug 2022

From January to August this year, China's steel bars exports totalled 4.95 million tonnes, down 21.5 per cent year-on-year, while exports of wire coil reached 1.39 million tonnes, down 1.7% year-on-year. Meanwhile, China's export volume of angles/channels reached 2.38 million tonnes in the specified period, up 25.3% yearly and 10.5 percentage points faster than the annual increase recorded in the first seven months of this year. In August, China's steel bar exports reached 650,000 tonnes, up 41.0% year on year, while declining 15.6 per cent month on month and exports of wire coils and angles/channels amounted to 170,000 tons and 390,000 metric tons, down 1.1% and increased by 132.4 % on an annual basis, while it decreased 15% and 21.875% monthly, respectively. In August, Chinese rebar export prices moved sideways amid stagnant demand in the traditional season while declining in September.

As the energy crisis worsens, the European Union eases restrictions on Russian.

The European Union has eased sanctions on Russian coal, Russia's principal energy resource, after a European ban on these supplies was imposed earlier this year. The European Union announced the easing of sanctions on Russian coal, allowing supplies to be transported to other countries worldwide. The European Commission has said that goods transport, including coal, should be allowed to combat food and energy insecurity worldwide. The Russian newspaper "Izvestia" commented on the decision, saying that although the relevant European Commission document only mentions permission to transport coal, most likely, the Europeans will facilitate access to the resource for their companies. She added that this move is expected given the high prices of all fuels and the restart of coal-fired thermal power plants in Europe, which has led to high-demand for coal. The Russian newspaper stressed that it is hard to replace Russian coal completely due to its high calorific value and ease of shipment from Russia.

Western countries imposed sanctions on Russia after Moscow launched a special military operation in Ukraine, affecting various economic sectors, companies and individuals, and coal exports.



Technology

SMS group secures prestigious cold mill order from Hindalco

SMS group announced today that Hindalco, one of the world's largest aluminium companies, has placed an order for the supply of a high-performance cold rolling mill for wide aluminium strip. The new mill will be constructed within the periphery of Hindalco's Aditya Aluminium Unit in Lapanga in Odisha, India. The facility is located near another FRP division of Hindalco in Hirkud, where the company is operating a hot rolling mill. Hindalco Industries Limited supplies the local and international markets with its aluminium products, which cover a whole alloy spectrum from soft to very hard aluminium grades. The new cold rolling mill is part of Hindalco's strategy to expand its value-added product portfolio and serve the growing demand for sustainable aluminium solutions.

The new cold rolling mill will feature the well proven interplay of the mill builder's CVC® plus (Continuously Variable Crown) technology and other comprehensive actuators, ensuring highest product quality of strips up to 2.2 meters width and as thin as 0.1 millimeters. In addition the advanced rolling technology aligns with Hindalco's focus on green technologies. For cleaning the rolling oil, SMS group will supply two of their Multiplate®-filters. The exhaust air will be cleaned by an Airwash™-system that reclaims rolling oil for economic and ecological re-use. The first coils will be produced on the new aluminium cold rolling mill in end-2024. With this new mill, Hindalco's FRP (Flat Rolled Products) capacity will increase by 170,000 tons, cementing its leadership position in aluminium downstream. The new facility will enable Hindalco to serve the packaging, beverage can, and building & construction industries. This project is the biggest aluminium downstream project in India. Hindalco Industries Limited is the metals flagship company of the Aditya Birla Group and an industry leader in aluminium and copper. In India, Hindalco's aluminium units across the country encompass the gamut of operations from mining, alumina refining, captive power plants and aluminium smelting to downstream rolling and extrusions. Hindalco ranks among the global aluminium majors with a manufacturing footprint spanning ten countries.

SMS group and JSW Steel sign MOU for carbon reduction projects

In pursuing a shared ambition to reduce carbon emissions from iron and steel production, JSW Steel, the flag ship company of the \$22 billion JSW Group, has signed a memorandum of understanding (MOU) with SMS group to explore multiple cutting-edge solutions and R&D projects to reduce carbon emissions in its iron and steel making operations in India. SMS group, a world leader in iron and steel production technologies, will support JSW Steel in India in improving its operational efficiency and environmental performance. The MOU also sets out an agenda for discussions about future areas of cooperation with the greatest potential. Through this partnership, both businesses will be able to jointly look for ways of lowering carbon emissions and manufacturing green steel in a challenging industry. Sajjan Jindal, Chairman & MD, JSW Steel said, "While the steel industry accounts for 0.7 percent of the world's economic output, it also contributes 7 percent towards global emissions. We need a new transformative approach focused on green steel. With SMS group as our technology partner, we are on our way to turning metals green across the globe."

"We are also committed to building and continually upgrading all our plants using the latest technologies available, thereby ensuring a safe, secure and healthy future for all our stakeholders and communities. Achieving net zero in the steel industry will require major upgrades and capital investments in steel mills, and the initiative will have to be taken at both an industry and policy level," Sajjan Jindal added. Burkhard Dahmen, CEO and Chairman of the Managing Board of SMS group, said, "Our know-how and experience in metallurgy combined with our digital expertise and plant technology are enabling SMS group and JSW Steel to create a greener metals industry."

SMS group

JSW Steel





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