### LATEST NEWS

- US aims to expand uranium enrichment capabilities. The White House is seeking additional funding from Congress for enriching uranium needed for new breed of advanced reactors.
- Japan paves the way for reopening of nuclear power plants. Recent approval by the Japanese Government to release radioactive wastewater from the Fukushima facility in accordance with the international safety standards would aid the reopening of other nuclear power plants in the country.<sup>2</sup>
- France aims to increase production of nuclear fuel. To reduce reliance on Russian fuel, France will spend €1.7 billion to expand a uranium-enrichment plant in the southern part of the country as the west seeks to cut down on nuclear fuel imports.3
- Finland to consider extension of nuclear plant operator. To achieve a 10-year operational license extension and power uprating, plant operators has begun an environmental impact assessment to continue contributing to the nuclear power generation in the country.<sup>4</sup>
- Mongolia in talks with France for operating a uranium mine. An investment agreement between France and Mongolia to develop and operate a mining project is expected to be signed by end of 2023.5
- UK plans to expand nuclear energy capacity to 24 GW by 2050. With an aim to increase nuclear energy production, the government has selected 6 companies to bid for contracts in order to develop small modular reactors (SMRs).
- Norway might have its first nuclear power plant. A cooperation agreement has been signed between a Norwegian and Finnish company to assess the suitability of SMR nuclear powerplants in some Norwegian municipalities.
- Philippines partners with US for a nuclear feasibility study. To meet the growing power demand and need to transition towards a sustainable energy future, Philippines is considering deployment of Micro-Modular Reactor energy systems.
- Korea now has its first privately-funded Energy Exploration centre. In a pursuit to develop the next generation of advanced nuclear experts, South Korea opened up an exploration centre for hands-on experience to apply nuclear science and engineering principles through simulated, real-world nuclear power plant operation scenarios.9



Global X Uranium ETF (ATOM) Inception Date 07/12/2022 Since Fund As of 07/12/2023 YTD 1-Year 3-Years 5-Years Inception NAV 43.08% 47 95% 48 67% Index 43.94% 47.62% 49.69% 155.48% 195.67% MSCI World 17.56% 19.85% 18.35% 33.08% 70.74% Total Expense Ratio 0.69%

The Solactive Global Uranium & Nuclear Components Total Return Index was launched on 11/04/2010. Performance prior to this date is simulated. Index returns are theoretical and do not include the impact of fees or costs of investing. The performance data quoted represents past performance. Past performance does not guarantee future results. The investment return and principal value of an investment will fluctuate so that an investor's shares, when sold or redeemed, may be worth more or less than their original cost and current performance may be lower or higher than the performance quoted. For performance data current to the most recent month end, please call 02 8311 3488, or visit , www.globalxetfs.com.au.

## Share of Global Electricity Generation



	Operable Reactors	Share of Global Electricity Generation	Reactors Under Construction
	436	10.0%	60
	391,699 Mwe	10.0/6	67,099 Mwe

Nuclear Involvement calculated as the sum of operable, under construction, planned and proposed reactors. The darker the area the higher the country nuclear commitment

Source: World Nuclear Association as of 8/01/2023

## Global Uranium ETF Assets & ETF Flows (\$USD Millions) 4500 4000 ■ Cumulative Uranium ETF Flows 3500 Total Uranium ETF Assets 3000 2500 2000 1500 1000 500 0 -500 Sep-19 Mar-20 Jun-20 Sep-20 Dec-20 Mar-21 Jun-21 Sep-21 Jun Source: Bloomberg LP as of 9/30/2023

	K 1 1	Involvement	

# Reactors Change July 2023 - August 2023\*

	Operable	Under Construction	Planned	Proposed
Belarus	0	0	0	0
Canada	0	0	0	0
China	0	1	-1	0
Egypt	0	0	0	0
Finland	0	0	0	0
Germany	0	0	0	0
WORLD	0	1	-1	0

Operable = Connected to the grid.

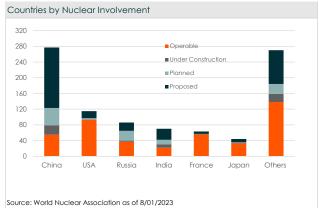
Under Construction = First concrete for reactor poured.

Planned = Approvals, funding or commitment in place, mostly expected to be in operation within the next 15 years.

Proposed = Specific programme or site proposals; timing very uncertain.

\* No other country apart from China recorded any change in Reactors.

Source: World Nuclear Association as of 8/01/2023





(1) Global Uranium ETFs represented by: URA US, Global X Uranium ETF; URNM US, Sprott Uranium Miners ETF; NLR US, Vaneck Uranium + Nuclear Energy ETF; HURA CN Equity, Horizons Global Uranium Index ETF; URNM LN Equity, Sprott Uranium Ucits ETF; URNU LN Equity, Global X Uranium Ucits USD-A ETF, URNM AU Equity, Betashares GLB Uranium ETF; URAM IM. Equity, SG ETN Uranium Mining; ATOM AU Equity, Global X ETFs Australia Uranium ETF; URNJ US Equity, Sprott JR Uranium Miners ETF; NUCL LN Equity, Vaneck Uranium& Nuclear ETF. Universe originally constituted by Global X on 09/30/22 and does not include any funds that may have existed but no longer exist as of that date. Includes all exchange traded funds globally related to the uranium industry and is reviewed quarterly for new additions (last update as of 09/30/2023). Not all funds invest in physical

DEFINITIONS: Solactive Global Uranium & Nuclear Components Total Return Index: The Solactive Global Uranium & Nuclear Components Total Return Index tracks the price movements in shares of companies which are (or are expected to be in the near future) active in the uranium industry. This particularly includes uranium mining, exploration, uranium investments and technologies related to the uranium industry. The Index will include a minimum of 20 components at every rebalancing.

- 1. Nuclear Energy Institute. (October 30, 2023). White House Requests Support for Enrichment Capabilities in Supplemental Funding.
- 2. BBC News. (August 22, 2023). Fukushima nuclear disaster: Japan to release treated water in 48 hours.
- 3. Bloomberg, (October 20, 2023). France Plans \$1.8 Billion Uranium Plant Expansion to Cut Reliance on Russia. 4. Barron's. (February 16, 2023). Lifespan Of Finland's First Nuclear Plant Extended To 70 Years.

- 5. Reuters, [June 29, 2023]. French minister to push 1 bln euro uranium deal on trip to Mongolia sources.
  6. UK Parliament. (July 31, 2023). Strategic plan needed to deliver nuclear power and close the power gap.
  7. World Nuclear News. (November 3, 2023). SMR power plant proposed in Norway.

- 8. World Nuclear News. (November 16, 2023). Philippines considers deploying USNC microreactors.
  9. Nuclear Engineering International. (November 17, 2023). Seoul National University opens NuScale Power Energy Exploration Centre.

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