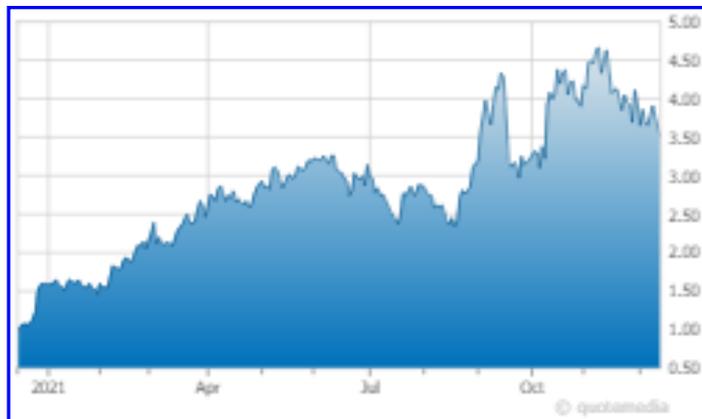


**Investment Alert – December 14, 2021**

[www.globalatomiccorp.com](http://www.globalatomiccorp.com)



## **Global Atomic Corp. (C\$ 3.43)**

TSX : GLO  
OTCQX: : GLATF  
Frankfurt : G12

H + L prices (12 months) : C\$ 4.84 – 0.97

Net shares issued : 172.7 million  
Fully diluted shares : 179.0 million

Market Capitalization : C\$ 592.5 million  
(US\$ 464.3 million)

**2022 price target: C\$ 6.00**

## **INVESTMENT ALERT**

### **► Dasa Uranium Project in Niger economically viable at a base price assumption of US\$ 35/pound**

On December 13, 2021 **Global Atomic Corporation** (“**Global Atomic**”) announced an update on the considerable progress being made at its **Dasa Uranium Project** in the **Republic of Niger**.

**President and CEO, Stephen G. Roman**, commented, “The **Dasa Project** is fully permitted and, based on our Feasibility Study results announced last month, is economically viable at a base price assumption of US\$ 35/pound. Global Atomic is a positive cash-flowing company from its Turkish Zinc Joint Venture and following our C\$ 35 million equity offering that closed on December 7, 2021, we are well-funded. In November, our Board of Directors made a production decision to proceed with the Dasa Project and we have been moving ahead at full speed. In fact, with the activity already occurring at site, we have broken ground almost two months ahead of schedule. The team is growing and fully engaged at site, with the goal of building our mine and mill to produce yellowcake for sale by January 2025.”

#### **Dasa Site Highlights:**

Site infrastructure development is underway using local contractors and heavy equipment as follows:

- Upgraded roads to connect the Mine Camp to the main highway
- New roads to the mine and the mill sites
- The Box Cut and Portal area cleared for excavation to begin in January
- Warehousing facilities currently under construction
- Employee housing development underway

To formalize the Letter of Intent announced on September 29, 2021, the Company has signed a definitive contract with CMAC-Thyssen Mining Group (“CMAC”), to commence operations at the Dasa Project site in April 2022. CMAC will collar the Portal and complete over 8,000 meters of horizontal and vertical underground mine development within the ensuing 24 months to prepare stopes for commercial operations.

### ► Niger Mining Company Advancing

To support the **Dasa Project**, the Company has begun the hiring process, targeting the experienced labour force available in Niger with interviews and initial hires underway. In Niger’s capital of Niamey, the Company has secured living accommodations and a head office for the Company’s local mining subsidiary to be named Société Minière Dasa or “SOMIDA”.

“We expect steady news flow as we achieve important milestones over the next quarter, including drill results, finalization of terms with the Government of Niger to form SOMIDA and the completion of an agreement with Orano Mining, based on the 2017 Memorandum of Understanding, to Direct Ship Ore to Orano’s Somaïr operation near the town of Arlit”, continued Mr. Roman. “In addition, discussions with lending institutions and utilities continue as part of the overall advancement of the **Dasa Project**”.

### **Company profile**

**Global Atomic Corporation (“Global Atomic”)** provides a unique combination of high-grade uranium mine development and cash-flowing zinc concentrate production.

The Company’s **Uranium Division** includes four deposits with the flagship project being the large, high-grade **Dasa Mining Project** located in **Niger**, discovered in 2010 by the Company’s geologists. With the issuance of the **Dasa Mining Project** and an **Environmental Compliance Certificate** by the Republic of **Niger**, the Dasa Project is fully permitted for commercial production.

**Global Atomic’s Base Metals Division** holds a 49% interest in the **Befesa Silvermet Turkey (“BST”) Joint Venture**, which operates a modern zinc production plant located in **Iskenderun, Turkey**. The plant recovers zinc from **Electric Arc Furnace Dust (“EAFD”) to produce a high-grade zinc oxide concentrate** which is sold to zinc smelters around the world.

The Company’s joint venture partner **Befesa Zinc S.A.U. (“Befesa”)**, is listed on the Frankfurt Stock Exchange under “**BFSA**”, holds a 51% interest in and is the operator of the BST Joint Venture.

Befesa is a market leader in EAFD recycling with approximately 50% of the European EAFD market and facilities located throughout Europe, Asia and the USA.

On November 15, 2021 **Global Atomic** announced the results of the **Phase 1 Dasa Project Feasibility Study**.

**The Study confirms that the Project is economically compelling, even at a price of \$35 per pound U<sub>3</sub>O<sub>8</sub>.** Based on the Study, the strong uranium market and anticipated uranium supply deficits, the Board of Directors have made a production decision to proceed with the **Dasa Project**. **The Study is focused solely on Phase 1, primarily comprised of the Flank Zone, and represents the initial 12 years of the Project and less than 20% of the Dasa mineralization, which has been delineated through 160,000 metres of drilling since 2010.**

Dasa is an impressive project as per the 2021 Feasibility Study using a uranium price of \$35/lb

**5,184 ppm** + **12 years** → **45.4 Mlbs**  
 Phase 1  **U<sub>3</sub>O<sub>8</sub>**  
 Phase 1 production

Compelling project economics after-tax

**\$208M** + **\$21.93/lb** → **\$157 M**  
 Start-Up CapEx  AISC Cost  NPV<sub>s</sub>

→ **22.7%**  
 IRR



These project economics for the Dasa Project are based only on Phase I, which represents approximately 20% of the known resource.

The Dasa Project has strong base case economics @ \$35/lb that improve significantly using higher uranium prices

Economic sensitivity with varying uranium prices\*

Uranium price (per pound)	\$35/lb	\$40/lb	\$50/lb	\$60/lb
Before-tax NPV @ 8%	\$187 M	\$309 M	\$556 M	\$804 M
After-tax NPV @ 8%	\$157 M	\$259 M	\$468 M	\$676 M
After-tax IRR	22.7%	30.6%	44.6%	57.2%

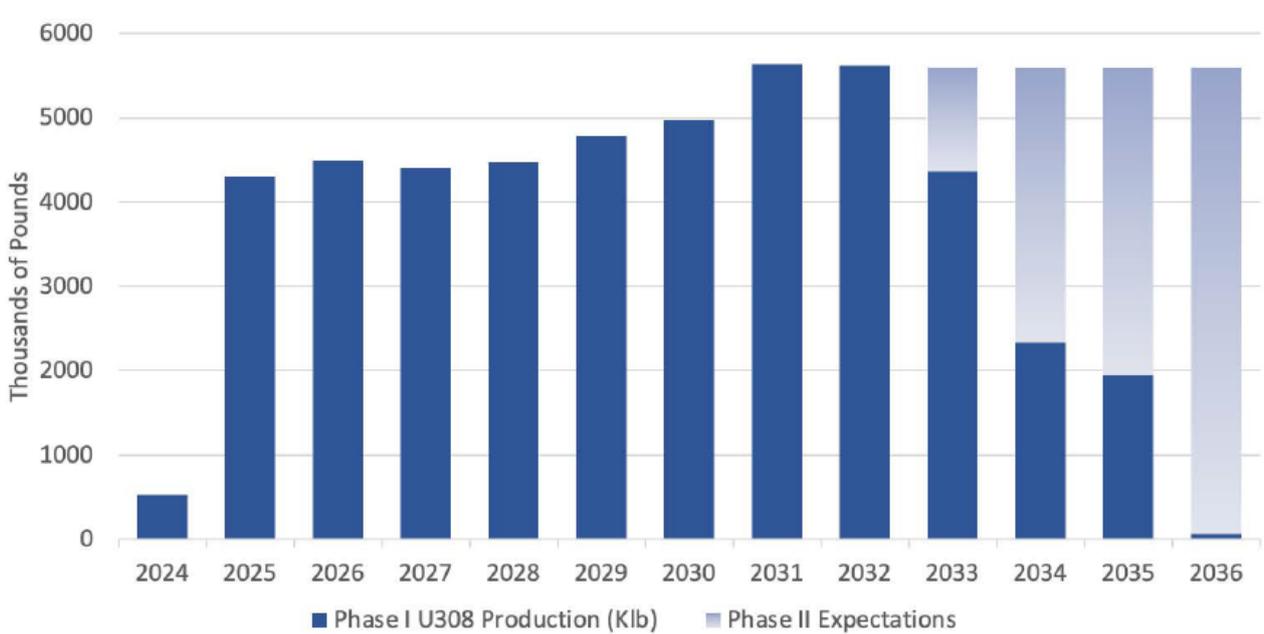
\*The schedule for all uranium price sensitivities used the base case model.

Economic sensitivity with varying discount rates using base-case uranium price \$35/lb

Discount rate (%)	5%	8%	10%	12%
Before-tax NPV	\$248 M	\$187 M	\$152 M	\$122 M
After-tax NPV	\$211 M	\$157 M	\$126 M	\$99 M

## Dasa Mine Phase I - Estimated U308 Production

Source: 2020 Preliminary Economic Assessment (to be updated with 2021 Feasibility Study)



THE DASA PROJECT IS COMPELLING



## Many significant catalysts ahead leading to uranium production

### 2022

- Complete project financing
- Local contractor in Niger to start excavating Box-Cut in January
- Canadian firm CMAC- Thyssen to collar the Portal and begin underground development in April
- Develop underground to support direct ore shipments

### 2023

- Advance ramping and underground development
- Commence DSO to Orano Mining's Somair processing plant
- Begin plant construction

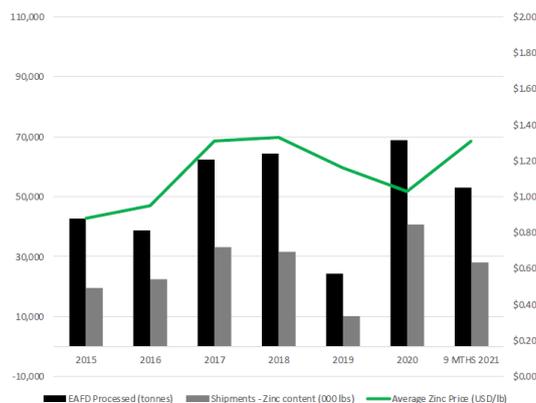
### 2024

- Commission plant
- Commence Commercial Production

PHASE 2

## Strong zinc prices contribute to a two-year payback of the 2019 modernization loan

- In the first 9 months of 2021, the plant processed 53,012 tonnes of EAFD
- Zinc prices staged a strong recovery in 2021, averaging \$1.36/pound in Q3 2021 and are expected to remain strong into 2022
- The plant is expected to process ~70,000 tonnes EAFD in 2021 as the steel industry in Turkey recovers
- Assuming steady availability of EAFD and strong zinc prices the Turkish JV should generate sufficient cash flow to fully repay the non-recourse, Befesa modernization loan in 2021
- Dividend flow from the Turkish JV will resume following the loan repayment



The plant was shut down most of 2019 for the expansion and modernization project.

## Investment comments:

**Global Atomic** is providing a unique combination of high-grade uranium development in **Niger** and cash flowing zinc concentrate production in Turkey.

The Phase 1 operating scenario for the **Dasa Uranium Project** outlined key elements in the **PEA** of the Project indicating an **initial 12-year phase to produce 44.1 million pounds U3O8 at an all-in sustaining cost of \$ 18.39/lb U3O8**.

The completed **Phase I Dasa Property Feasibility Study** confirms a **Study Base Case price of C\$ 35 per pound U3O8**. The average annual steady-state uranium production is **3.8 million pounds U3O8**, mining reserve **4.3 million tons grading 5,184 ppm U3O8**.

**Global Atomic's Base Metals Division** holds a 49% interest in **Befesa Silvermet Turkey ("BST")**, which operates a processing facility located in Iskenderun, Turkey that converts **Electric Arc Furnace Dust ("EAFD")** into a **high-grade zinc oxide concentrate** which is sold to zinc smelters around the world.

**Global Atomic** is rated as the world's highest ranked listed uranium exploration/development company by market valuation being focused on **Africa**, as the leading destination to search for prospective uranium investment opportunities (see overview).

With the Company having stated a uranium price assumption of **US\$ 35/lb** as an important part of the calculation of IRR and NPV, and being able to make a profit at that price, is one of the key factors that sets **Global Atomic** apart from its peers as most of the projects being developed today are not profitable at that price.

Being highly successful with bringing the **Dasa Project** on the road to production status by the end of 2024, at one of the lowest all-in sustaining cost of **\$ 21.93 per pound U3O8**, this has been honoured by the market with the witnessed share price having exploded in the last 12 months from a low of **C\$ 0.97** to a high of **C\$ 4.84**.

Commencing to follow the Company already in October 2019, its share price more than seven-folded.

Based on the significantly advanced status of **Global Atomic** as one of only a few new uranium producers in the next few years, **my price target for 2022 has been upgraded to C\$ 6.00**.