

16 October 2026

Clean TeQ Water's ATA[®] and MBIX technologies adopted in Aura Energy's Tiris Uranium Bankable Feasibility Study

Highlights

- Aura Energy Limited (ASX: AEE, AIM: AURA) has released the Bankable Feasibility Study (BFS) for its Tiris Uranium Project in Mauritania
- Clean TeQ Water's ATA[®] dewatering system and MBIX moving-bed ion exchange have been adopted in the BFS processing flowsheet, replacing the pressure filtration and fixed-bed ion exchange carried in earlier studies
- The BFS reports that ATA[®] was the only post-leach dewatering option tested that was shown to be robust across the full range of Tiris ore variability, achieving separation and washing in a single step. Bench-scale counter-current wash tests recovered up to 97.8% of the soluble uranium, with residue reporting at approximately 67% solids, rising to 78 to 79% with vibration-assisted dewatering and suitable for return to mined-out pits
- Both technologies will be operated on Tiris ore in Aura's pilot plant at Bir Moghreïn during November and December 2026, ahead of a final investment decision (FID) targeted for December 2026
- Clean TeQ Water has been contracted to deliver its scope of the pilot programme. No binding arrangements are in place at this stage for the supply or licensing of the technologies for the project

Clean TeQ Water Limited (ASX: CNQ) ("Clean TeQ Water" or "the Company") notes the release by Aura Energy Limited ("Aura") of the Bankable Feasibility Study for the Tiris Uranium Project in Mauritania. The processing flowsheet adopted in the BFS incorporates two of the Company's proprietary technologies: the ATA[®] dewatering system for post-leach solid-liquid separation, and MBIX moving-bed ion exchange for uranium recovery.

Clean TeQ Water technologies in the Tiris flowsheet

ATA[®] is a complete dewatering system that conditions the leached slurry before filtration. Dual polymer conditioning binds the fine clay to coarse sand, forming a granular, free-draining structure that holds its shape under vacuum on standard horizontal vacuum belt filters. Because the structure stays open, the residue can be washed on the belt in four counter-current stages using diluted ion exchange barren liquor, so separation and washing are achieved in a single step and washing consumes no fresh water. Three belt filters operate in parallel in the BFS design.

Uranium is recovered from the resulting solution by MBIX. Resin moves continuously from column to column against the flow of solution. Compared with the fixed-bed ion exchange assumed in earlier studies, the use of MBIX results in improved solids tolerance, better resin utilisation, lower reagent and water consumption and a more concentrated uranium solution for downstream precipitation.

Pilot plant and path to FID

Aura's Tiris Optimised Pilot Plant at Bir Moghreïn replicates the full commercial flowsheet and is due to operate during November and December 2026, processing more than 80 tonnes of ore across the main ore types.

Clean TeQ Water has been contracted by Aura to deliver its scope of the pilot programme, comprising supply of the ATA[®] and MBIX pilot units and technical support during operation. Results will feed into detailed design, and contribute to Aura's targeted FID in December 2026.

Other than the pilot programme and engineering scope described above, there are no binding commercial arrangements between Clean TeQ Water and Aura in respect of the Tiris Project.

Significance for Clean TeQ Water

Adoption in a bankable feasibility study of this nature is an important step for the Company's technology platform.

If adopted, Tiris would be Clean TeQ Water's second commercial-scale ATA[®] deployment. Clean TeQ Water is delivering a 750,000 t/y ATA[®] tailings dewatering plant, now in fabrication and moving into construction and installation, for the Rasp mine at Broken Hill, New South Wales, under a design and construct contract awarded in May 2026 and supported by a long-term polymer supply and technology licence agreement, the Company's first recurring revenue stream from ATA[®].

Clean TeQ Water Chief Executive Officer, Peter Voigt, said:

"Our technologies earn their place in a flowsheet by taking cost and risk out of the hardest step in it. At Tiris that means three belt filters in place of thirteen filter presses, more than 97% of the dissolved uranium recovered in washing, a residue that can be stacked back in the pit, and no fresh water used to wash it.

“Having both ATA® and MBIX adopted in a bankable study, in the same year our first ATA® plant was contracted at Rasp, is exactly the path we set out to build, and we look forward to proving them on Tiris ore at Bir Moghreïn next month.”

Aura Energy Executive Chair, Philip Mitchell, said:

“Tiris is a simple, robust project, and the post-leach flowsheet is a large part of why. ATA® was the only dewatering option we tested that held up across the full range of our ore, and together with MBIX it gives us a plant that separates, washes and recovers uranium in fewer steps, with a residue we can return straight to the pits. Clean TeQ Water has worked alongside us from bench testwork through to engineering and pricing the packages in the BFS. Running both technologies on Tiris ore at Bir Moghreïn in November will give our financing partners further confidence as we move towards an investment decision in December.”

Information sourced from Aura Energy

Information in this announcement about the Tiris Uranium Project, including the BFS, testwork results and development timetable, is drawn from Aura’s ASX and AIM announcement dated 16 October 2026 titled Bankable Feasibility Study confirms Tiris as a low-cost, near-term uranium producer. Clean TeQ Water has not independently verified that information. Readers should refer to Aura’s announcement for the full results, the material assumptions and the cautionary statements that apply to them.

For more information, please contact:

Corporate

Peter Voigt (CEO)

+61 3 9797 6700

Email: info@cleanteqwater.com

Investors

Peter Taylor

+61 412 036 231

Email: peter@nwrcommunications.com.au

Website: www.cleanteqwater.com

This announcement is authorised for release to the market by the Board of Directors of Clean TeQ Water Limited.

About ATA®

ATA® (Activator-Tether-Anchor) is Clean TeQ Water’s dewatering system for clay-rich slurries and tailings. Dual polymer conditioning binds fine clay to coarse sand, forming a granular, free-draining structure that can be filtered and washed on standard horizontal vacuum belt filters. ATA® delivers the cake solids and stack stability normally associated with high-cost pressure filtration, at materially lower capital and operating cost, and produces a stackable residue that can be returned to mined-out voids rather than impounded in a tailings dam.

About MBIX

Moving Bed Ion Exchange (MBIX) is Clean TeQ's proprietary ion exchange technology platform, designed to deliver continuous counter-current operation for superior efficiency in water and metals processing. Unlike conventional fixed-bed systems, MBIX operates with moving resin beds, allowing higher stage efficiency, improved resin utilisation, and stable performance under variable feed conditions.

The advantages of MBIX include lower water consumption, reduced reagent consumption, more concentrated product streams, and significantly lower losses of target ions compared to traditional fixed-bed ion exchange approaches. MBIX is highly robust, with the ability to process streams containing suspended solids, while maintaining continuous operation without the extended downtime associated with bed cycling.

About Clean TeQ Water

Clean TeQ Water Limited (ASX: CNQ) is an Australian technology company developing proprietary separation technologies for water treatment, critical minerals and mine tailings applications. Its technologies are designed for applications where conventional approaches are constrained by performance, cost, water use or waste generation.

FORWARD-LOOKING STATEMENTS

Certain statements in this announcement constitute "forward-looking statements" or "forward-looking information" within the meaning of applicable securities laws. Such statements involve known and unknown risks, uncertainties and other factors, which may cause actual results, performance or achievements of the Company or industry results, to be materially different from any future results, performance or achievements expressed or implied by such forward-looking statements or information. Such statements can be identified using words such as "may", "would", "could", "will", "intend", "expect", "believe", "plan", "anticipate", "estimate", "scheduled", "forecast", "predict" and other similar terminology, or state that certain actions, events or results "may", "could", "would", "might" or "will" be taken, occur or be achieved. These statements reflect the Company's current expectations regarding future events, performance, and results, and speak only as of the date of this announcement.

Readers are cautioned not to place undue reliance on forward-looking information or statements. Although the forward-looking statements contained in this announcement are based upon what management of the Company believes are reasonable assumptions, the Company cannot assure investors that actual results will be consistent with these forward-looking statements. These forward-looking statements are made as of the date of this announcement and are expressly qualified in their entirety by this cautionary statement. Subject to applicable securities laws, the Company does not assume any obligation to update or revise the forward-looking statements contained herein to reflect events or circumstances occurring after the date of this announcement.