14 October 2025

Calix Newsletter – Issue 50 – October 2025

Sydney, Australia | 14 October 2025 – Australian environmental technology company, Calix Limited (ASX: CXL) ("Calix") is pleased to provide a copy of its latest newsletter, providing a comprehensive update on activities across the business, including updates on its major commercial milestones and the naming of its global aluminium partner.

The newsletter is attached overleaf.

–ENDS–

This announcement has been authorised for release to the ASX by the Calix Board of Directors.

About Calix

Calix Limited (ASX: CXL) is a technology company creating businesses that solve global challenges in industrial decarbonisation and sustainability.

Calix's patented core platform technology is being developed for indirect heating of raw materials to enable efficient, precise, flexible and renewably powered metals and minerals processing and capture of unavoidable industrial emissions.

Calix is applying its core technology to the cement, steel, magnesia, alumina, critical minerals and direct air capture industries.

Leveraging its core platform technology and a global network of partners, Calix is urgently developing multiple businesses that deliver positive global impact. Because there's only one Earth.

Mars is for quitters.

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Calix News

Issue 50 | October 2025

Mars is for quitters

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calix

WELCOME TO THE 50TH EDITION OF THE CALIX NEWSLETTER

A MESSAGE FROM THE CEO

This milestone edition of the newsletter comes as we celebrate 20 years since our founding. I am pleased to say that this edition also contains several commercial milestones for Calix as we continue to make progress towards the deployment of our patented platform technology in multiple major global markets.

Perhaps most notably, this newsletter features the award of up to $44.9m in matched funding from the Australian Renewable Energy Agency to help fund a **ZESTY Green Iron Demonstration Plant**. The execution of the grant agreement to build a 30,000 tonne per annum Hydrogen Direct Reduced Iron (H_2-DRI) demonstration plant follows extensive pilot-scale testing and thorough technical and commercial assessment of the ZESTY Green Iron Demonstration Plant project. We aim to build on this endorsement and use it to help catalyse further funding for ZESTY at a subsidiary level. The ZESTY Green Iron Demonstration Plant project is now proceeding to detailed design as we aim to demonstrate a globally leading technology that can help Australia capitalise on its green iron opportunity.

Staying within our Sustainable Processing line of business, we also announced an MOU, material testing and engineering study for our **Zero Emissions Alumina (ZEAL) technology with Hydro**, a global aluminium and renewable energy company. We are delighted to be working with one of the world's leading aluminium companies to develop the application of our platform technology to help electrify the alumina calcination process. The testing and development program is expected to generate over $1m of revenue whilst progressing a highly prospective application of the technology.

> “The combination of growing revenues and diligent cost management continues to provide Calix with an 18-month cash runway to pursue its commercial objectives, most notably securing funding at the subsidiary and project level for ZESTY and Leilac.

In our Leilac business, this newsletter focuses on recent works at our **Leilac-1 pilot plant** in Belgium, where a significant plant upgrade and testing program was completed. Following the installation and commissioning of a new calciner tube suitable for electrification and potential hybrid electric-natural gas heating, an extensive operations campaign in partnership with the Heidelberg Materials host cement plant team successfully achieved two key objectives. First, we demonstrated stable and flexible operations, running continuously for 21 days whilst quickly responding to the needs of the host plant. Second, the performance of the plant strongly correlated with predictions from our technical models, providing further validation of the potential of next generation designs and commercial scale deployments. Also featured in this newsletter, we're pleased to report that **Project ZETA**, a world-first electric lime calciner and carbon capture plant in South Australia, passed its pre-FEED milestone and has entered the FEED stage on time and on budget.

Our **Magnesia** business continues to report growing revenues. In this edition, we focus on one source of that revenue growth — expansion of our business in Queensland — thanks to a new contract with Unitywater and a long-term contract that was renewed and expanded with the City of Gold Coast. The growth in Queensland mirrors revenue growth and sales in new regions in the United States, where the benefits of our expanded production capacity and footprint are being realised.

This edition of the newsletter follows the recent publication of Calix's results for the 2025 Financial Year. We were pleased to report **growing revenues, cost reductions and an extended cash runway**. For the first time, Calix recorded revenue contributions from all lines of business. The difficult but necessary decision to reduce our headcount in response to ongoing reviews of grant funding awarded to Leilac's projects in the U.S. contributed to a 23% reduction in operating costs in the second half of FY25 compared with the first half, despite some one-off costs being incurred. We also expect a significant reduction in capital expenditure this financial year.

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> It has been extremely pleasing to start the 2026 Financial Year with important milestones delivered across our target applications in green iron, alumina, and lime, as well as contract wins in our Magnesia business.

The combination of growing revenues and diligent cost management continues to provide Calix with an 18-month cash runway to pursue its commercial objectives, most notably securing funding at the subsidiary and project level for ZESTY and Leilac. In FY25, we also continued to make progress towards our own sustainability ambitions, and we're pleased to provide more information in this newsletter and through links to our full **2025 Annual Reporting suite** and results materials.

It has been extremely pleasing to start the 2026 Financial Year with important milestones delivered across our target applications in green iron, alumina, and lime, as well as contract wins in our Magnesia business. As we look ahead, the next few months look set to bring an exciting close to the 2025 calendar year. In particular, the **lithium Mid-Stream Demonstration Plant**, being developed in a joint venture with PLS, remains on track to complete construction in the December 2025 quarter. It has been wonderful to see a world first electric calciner for spodumene erected, and we look forward to keeping you updated with our progress over the weeks and months ahead.

As always, we sincerely thank our shareholders and other stakeholders for your ongoing support and interest. Despite the significant progress we're pleased to report, we recognise that a combination of market conditions and project delays have led to missed commercial milestones in FY25 and, together with challenging market conditions for clean tech companies, this has resulted in a disappointing share price performance for the company. We are grateful for your support, and we hope you continue to share our conviction in the opportunity ahead of us, and the long-term value it can create for shareholders, industry and the planet.

Mars is still for quitters!

Phil Hodgson
Managing Director & Chief Executive Officer

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CALIX'S ZESTY EXECUTES $44.9M ARENA GRANT FOR GREEN IRON DEMONSTRATION PLANT

Calix has executed final agreements on the award of a AUD$44.9m grant from the Australian Renewable Energy Agency (ARENA) to build a Zero Emissions Steel Technology (ZESTY) Green Iron Demonstration Plant.

The Demonstration Plant will have a targeted capacity to produce 30,000 tonnes per annum of hydrogen direct reduced iron (H_2-DRI) or hot briquetted iron (HBI).

Calix's ZESTY uses a combination of electric heating and hydrogen reduction to produce green iron and ultimately, green steel. ZESTY aims to provide lowest-cost pathways to green iron and steel by:

- Enabling flexible operations compatible with variable renewable energy sources
- Enabling theoretical minimum hydrogen use of 54kg per tonne of iron
- Removing the need for ore pelletisation
- Enabling the use of fines and lower-grade ores.

As reported by The Superpower Institute's *A Green Iron Plan for Australia*, ZESTY's targeted benefits have the potential to enable substantial cost savings for green iron projects compared with 'inflexible' hydrogen direct reduced iron technologies.

ARENA CEO, Darren Miller stressed that finding a low or zero emissions pathway for steelmaking is crucial, given its significant contribution to global emissions.

"As the world's largest producer and exporter of iron ore, Australia has a critical role in reducing emissions across the steel value chain.

"ZESTY is a strong step toward building a low-emissions steel industry at home.

"What makes ZESTY so compelling is its potential to dramatically lower the amount of hydrogen required to convert iron ore into pure iron. ZESTY, in combination with use of renewable electricity from Australia's world-class solar and wind resources, has the potential to create a new green iron industry targeting both domestic and export markets as the world transitions away from fossil fuels."

Minister for Climate Change and Energy, Chris Bowen said *"Australia is the world's largest exporter of iron ore — and with that comes a massive opportunity to help decarbonise global steelmaking.*

"That's why green metals are a priority area for the Albanese Government's Future Made in Australia agenda and a clear example of how Australian innovation, backed by support from the Government, can drive down industrial emissions, create new jobs, and seize new clean export opportunities.

"We're backing technologies like ZESTY because cutting emissions from heavy industry is not only essential to reaching net zero — it's also good for Australian workers and good for our economy."

Calix CEO and Managing Director, Phil Hodgson was delighted to announce this important milestone in the commercialisation of ZESTY, and thanked ARENA and the Australian Government for its support.

"Our shared vision is that a green iron industry here in Australia can add value to, and help future-proof, Australia's iron ore industry. Iron ore is Australia's largest source of export income, and it is under existential threat in a decarbonising global economy.

> ZESTY, in combination with use of renewable electricity from Australia's world-class solar and wind resources, has the potential to create a new green iron industry targeting both domestic and export markets as the world transitions away from fossil fuels.
>
> DARREN MILLER, CEO, ARENA

"Following successful pilot-scale testing and global recognition for ZESTY from the Net-Zero Industries Award at COP29 and the Decarb Connect Next Gen Award over the past 12 months, this next milestone continues to mark our progress in realising ZESTY's potential. With the iron and steel industry responsible for approximately 7% to 8% of global CO_2 emissions, we look forward to working with ARENA to advance the project and help address this significant global challenge and opportunity."

The ZESTY Green Iron Demonstration Plant Project

Following successful pilot-scale trials and the positive outcome of an ARENA funded Pre-Front End Engineering Design (Pre-FEED) / Front-End Engineering Design (FEED) study, the funding under ARENA's Advancing Renewables Program for a ZESTY Demonstration Plant Project aims to advance the technical and commercial readiness of ZESTY, facilitating its scale-up to commercial operations.

The Project's objectives are:

1. Construct, commission and operate a 30,000 tonne per annum H_2-DRI / HBI ZESTY Demonstration Plant
2. Deliver a Pre-FEED / FEED study for a commercial scale ZESTY plant

The Demonstration Plant is designed to enable toll processing of iron ores from a range of producers both within Australia and internationally. Targeted project outcomes aim to assist in progressing the viability of Australian iron ore in a low emissions steel value chain, support the development of a green iron industry in Australia, and support global deployment of the technology.

The Demonstration Plant's toll processing of multiple ore types and grades is also designed to facilitate testing of the H_2-DRI / HBI product by multiple steelmakers using different steelmaking routes. This aims to demonstrate ZESTY's potential to provide flexible decarbonisation pathways, including substituting a portion of the iron ore charge to a blast furnace in the near term, and longer-term low emissions steel production via an Electric Smelting Furnace (ESF) / Electric Arc Furnace (EAF) route.

Calix GM, Sustainable Processing, Chris Ormston said the ZESTY Demonstration Plant could be a landmark facility to help accelerate the development of a green iron industry in Australia.

"ZESTY's compatibility with multiple ore types and grades will make it an ideal, multi-user platform facility to test and develop green iron and steel pathways.

"Its potential to minimise hydrogen consumption, avoid pelletisation, and operate flexibly on low-cost electricity can enable it to do so in the most cost-effective way possible. We look forward to continuing to work with our partners across the iron and steel value chain in this exciting next phase."

The Demonstration Project will now commence detailed design engineering. A Final Investment Decision for the Demonstration Plant, the location of which remains commercial in confidence, is targeted for FY26. The procurement of major capital items will remain subject to further financing and detailed design and engineering.

Subject to matched funding being secured, procurement and construction is targeted to commence in 2026, followed by a staged commissioning and operations phase that is planned to commence in 2028. Following commissioning, the Demonstration Plant will be used to test a wide range of iron ores with different mineralogy, grade and composition.

Informed by the Demonstration Plant's results, a pre-FEED/FEED study for a commercial scale ZESTY plant will provide a detailed techno-economic assessment of ZESTY at scale. This study is designed to support the final scale up stage of the technology and facilitate commercial deployment into international supply chains.

Enabling flexible and lowest-cost pathways to green iron and steel

The steel industry is energy and carbon intensive, accounting for ~2.8 billion tonnes per year, or 7-8% of global CO_2 emissions. Global steel production predominantly uses the high emissions blast furnace-basic oxygen furnace (BF-BOF) route, which relies on metallurgical coke as both a heat source and reductant. The reduction of iron ore to metal iron in a blast furnace accounts for over 80% of the emissions from steelmaking, leading to ~1.9 tonnes of CO_2 emitted for every tonne of steel produced via BF-BOF. Australia is the world's largest iron ore producer, with most of this being medium grade hematite/goethite ore exported from the Pilbara region and processed overseas via the BF-BOF route.

The alternate direct reduced iron – electric arc furnace (DRI-EAF) route has significantly lower carbon emissions. Using natural gas to produce a 'syngas' of hydrogen and carbon monoxide to make direct reduced iron can reduce carbon emissions to ~0.7 tonnes of CO_2 for each tonne of steel produced. Replacing natural gas with renewable hydrogen and electricity (i.e. H_2-DRI) can further reduce ironmaking emissions to near zero. However, Australian hematite/goethite iron ore, due to its high level of impurities/gangue, is not directly suitable for conventional DRI-EAF processes without costly beneficiation.

A novel process to address the use of hematite/goethite ores in low emissions steelmaking is the DRI-ESF route, where impurities are removed after the direct reduction step in an ESF, which has greater flexibility to process lower grades of iron ore compared to an EAF. The Neosmelt project in Kwinana that is being developed by Rio Tinto, BHP and BlueScope with funding from ARENA is an example of this processing route. Hot metal produced from an ESF may be refined downstream in existing BOF infrastructure or an EAF to produce low emissions steel. It should be noted, however, that an ESF needs a DRI input, such as that provided by ZESTY.

Addressing the use of hematite/goethite ores in low emission steelmaking routes is critical to ensure the viability of Australian iron ore in a future green steel value chain. ZESTY initially targets incremental decarbonisation of the BF-BOF route via partial substitution of ZESTY H_2-DRI / HBI in the raw BF feed, offsetting a portion of iron ore and metallurgical coke. Ultimately, ZESTY aims to process hematite/goethite ore fines into H_2-DRI / HBI compatible with the ESF-BOF and EAF steelmaking routes.

ARENA
Australian Government
Australian Renewable Energy Agency

The ZESTY Green Iron Demonstration Project is supported by funding from the Australian Renewable Energy Agency (ARENA) under its Advancing Renewables Program.

CALIX AND HYDRO PARTNER TO DEVELOP ZERO EMISSIONS ALUMINA

Calix and Hydro, a leading aluminium and renewable energy company, have signed a Memorandum of Understanding (MOU) and services agreement to jointly develop Calix's electric calcination technology for Zero Emissions ALumina (ZEAL).

Calix and Hydro will jointly engage in the development of electric calcination for near-zero emissions alumina by undertaking a pilot-scale material testing program and pre-Front-End Engineering Design (pre-FEED) study. The material testing program and pre-FEED study are expected to deliver over AU$1.0m in revenue to Calix.

In welcoming the announcement, **Calix CEO and Managing Director, Phil Hodgson** said *"We are delighted to begin materials testing and technology development with Hydro for near zero emissions smelter-grade alumina.*

"This announcement marks a few important milestones for Calix," Dr Hodgson continued. *"It will deliver our first revenues in alumina. For our Sustainable Processing line of business, it builds on commercial traction in the lithium market with a new engagement with a leading global player in a second application of the same core technology."*

About Calix's ZEAL technology

ZEAL aims to use Calix's core platform technology to produce smelter-grade alumina, with the potential to enable zero scope 1 emissions in the energy-intensive calcination of bauxite to alumina.

ZEAL also aims to reduce costs for alumina producers. Electric calcination of alumina has the potential to be more energy efficient, as electric heating replaces fuel combustion and creates high purity steam for potential reuse within the process. ZEAL's precise and indirect heating approach may also reduce particle breakage and control the temperature to maximise yields, providing further benefits to both product quality and process efficiency.

> We look forward to the journey ahead with Hydro as we aim to demonstrate the lowest-cost pathway to near-zero emissions alumina.

Material testing, pre-FEED and technology development

Paid pilot-scale testing at Calix's Technology Centre in Bacchus Marsh, Victoria aims to demonstrate the potential of the ZEAL technology to produce smelter grade alumina from feedstock used at Hydro's Alunorte alumina refinery in Brazil. The pre-FEED study aims to further develop the process and plant basis of design for the ZEAL technology's potential application in a commercial alumina refinery.

The MOU establishes the intention to jointly develop designs to apply the ZEAL technology in integrated and scalable electric alumina calcination systems. The combined materials testing, pre-FEED study and collaborative technology development program is designed to develop and demonstrate the viability, efficiency and scalability of the ZEAL technology for commercial alumina calcination.

The agreements follow Calix's successful initial testing of the ZEAL technology and separate engagement with the Heavy Industry Low-carbon Transition Cooperative Research Centre (HILT-CRC) AlumiNEXT project.

Calix will retain all Intellectual Property (IP) relating to the core Calix technology and retains the right to deploy its ZEAL technology as an industry-wide solution for alumina calcination.

Dr Hodgson added, *"This announcement further validates our commercialisation strategy – developing partnerships with global industry leaders and creating self-funded projects that generate immediate revenues on a pathway to commercial demonstration in extremely large addressable markets."*

"We look forward to the journey ahead with Hydro as we aim to demonstrate the lowest-cost pathway to near-zero emissions alumina."

DECARBONISING ALUMINIUM

Aluminium is a strong and lightweight metal that plays a critical role in many sectors including aviation, defence and energy. Aluminium is typically produced by first refining the ore bauxite to alumina, or aluminium oxide, before smelting alumina to make aluminium metal. The global alumina market size surpassed US$45 billion in 2022 and is projected to be worth approximately US$72 billion by 2030, while the broader aluminium market is projected to grow from US$250 billion in 2024 to US$400 billion by 2032.

Aluminium production, however, is highly energy intensive. The calcination step in the refining of bauxite to alumina typically uses fossil fuel heating to reach the required process temperatures of ~1000°C – this is the process step ZEAL aims to replace. Large amounts of electricity are then required in smelting alumina to make aluminium metal. The production of aluminium results in 1.1 billion tonnes of annual carbon dioxide emissions, approximately 2% of total global industrial emissions.

ABOUT HYDRO

Norsk Hydro ASA (OSL: NHY) is a leading aluminium and renewable energy company committed to a sustainable future. Hydro has 32,000 employees in more than 140 locations and 42 countries.

hydro.com

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LITHIUM MID-STREAM DEMONSTRATION PROJECT

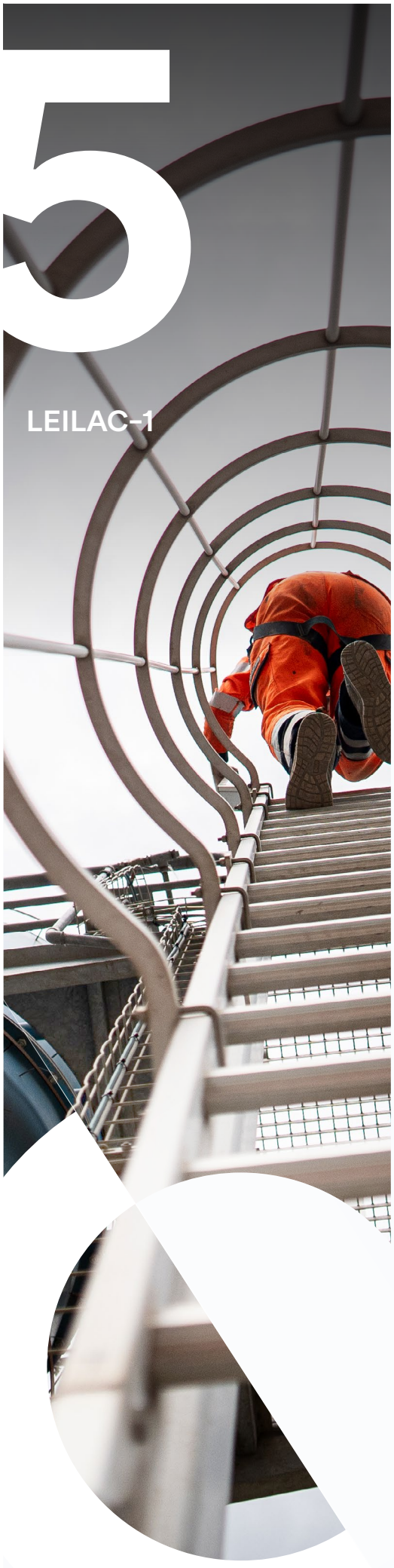
CONSTRUCTION PROGRESS UPDATE FOR LITHIUM MID-STREAM DEMONSTRATION PROJECT

Construction of the lithium Mid-Stream Demonstration Plant Project developed in a joint venture with PLS was 80% complete by the end of FY25. The Calix electric calciner tower has been erected and the calciner tube installed.

The project aims to:

- Demonstrate lower CAPEX & OPEX for spodumene processing with electric calcination
- Create a concentrated & low-carbon lithium product at the mine site
- Demonstrate the ability to simplify supply chains and unlock logistically challenging ore deposits

The project remains on budget, with construction completion targeted for the December 2025 quarter. The project is supported by a $15m grant from the Western Australian Government and a $20m grant from the Australian Government Department of Industry, Science and Resources.



LEILAC-1 COMPLETES SUCCESSFUL UPGRADE AND PERFORMANCE TESTING CAMPAIGN

Leilac-1, a pilot plant and R&D facility at Heidelberg Materials' cement site in Lixhe, Belgium, has successfully completed an operations campaign demonstrating the stability and performance of the Leilac technology.

This campaign followed the installation and commissioning of a new calciner tube suitable for electrification, marking an important step toward hybrid-electric operations.

Building on earlier campaigns, recent operations at Leilac-1 achieved two key milestones:

1. **Stable & Flexible operations:** The plant operated continuously for 21 days, while at the same time quickly and flexibly responding to ramp operations up and down as required by the host cement plant.
2. **Validated performance:** The plant delivered the targeted calcination rates and the successful separation of unavoidable process CO_2 at multiple tonnes per hour of material throughput. The results strongly correlated with the technical models that underpin Leilac's proposed scale-up strategy, thereby supporting Leilac's economic value proposition at commercial scale.

Operational flexibility

The campaign demonstrated the Leilac technology's ability to operate flexibly and responsively, functioning safely within a host plant's control hierarchy. The Leilac-1 plant is integrated to an operational cement plant, and the system is equipped to adjust quickly to the host plant's needs. The Leilac technology uses a flash calcination approach, meaning material residence times are measured in seconds, and the technology can quickly ramp production up or down as required. Its ability to quickly halt production while efficiently maintaining temperature ensures the technology is well suited to the realities of cement operations.

Operational simplicity

A 24/7, on-site team operated the Leilac-1 plant. The team included a number of newly trained staff who were able to fully support safe plant operations within a few weeks. At scale, the Leilac technology is designed to be run by the existing cement plant operations team, with minimal training and added labour costs.

> "Whilst I had some background in plant operations, I had never operated a plant like Leilac-1 before. Despite being new to the system, I managed to get up to speed relatively quickly and felt comfortable manning the controls within a week or so. I think the low training burden likely speaks to the operability of the core technology. I imagine an established cement plant operations team would be able to run this process easily.
>
> Neil Wardrop, Technical Writer and member of the Leilac-1 operations team

Scaling from Leilac-1

Since being commissioned in 2019, Leilac-1 has continued to be used to derisk the core technology; testing individual components — such as multiple material conveying options — process conditions, and helping to evolve the value that can be offered by the technology to cement and lime producers. The latest extended demonstration run produced valuable performance data to further support Leilac's technical models. The operations team tested numerous process parameters, recording and analysing each, to gain deeper insights into plant behaviour, and the drivers of steady state performance. As an example, over 200 meal samples are typically taken and analysed from multiple points in Leilac-1's process per operational month. The results generated from this campaign provided further validation of the expected performance of Leilac's next generation designs and will feed into future projects. The ability to operate in a truly hybrid setup is expected to be the next major evolution to the Leilac-1 plant, enabled by the recent calciner tube design upgrade.

Leilac-1 continues to demonstrate the effective separation of unavoidable process CO_2 from the cement manufacturing process, ready for use or storage. However, the potential value of indirect heating to the cement and lime industries extends beyond just carbon capture. Leilac aims to prove that the technology can deliver flexible and switchable heating options for its partners. The technology is designed to be compatible with a broad range of fuel and energy sources, and different options could be deployed and alternated between, to both lower running costs and cut emissions.

In future campaigns, Leilac intends to electrify the inner calciner tube to demonstrate dual-fuel, hybrid-electric operations. The hybrid fuelled i-Leilac technology is being designed to dynamically switch between both fuel and electricity, whilst delivering continuous heat for stable production. This option could allow manufacturers to optimise their energy costs and would create scope for the provision of valuable grid load balancing services.

In this way, a hybrid electric Leilac plant aims to provide a unique opportunity for the cement and lime industries. By integrating what may be considered Leilac's 'carbon capture technology' a cement plant could produce its main product, capture unavoidable process CO_2, and potentially lower energy costs and/or provide a new additional income stream from grid services at the same time.

— Powering Cement's Future: Hybrid Fuel and Grid Integration

Leilac-1 continues to serve as a testbed for technology development. By validating these concepts in a commercially relevant environment, Leilac is aiming to prove that indirect heating can enable lower carbon emissions, lower energy costs, and greater operational flexibility, making it easier for facilities to adopt and adapt this technology to evolving industry needs.

> “The success of the recent campaign at Leilac-1 was a testament to both the robust nature of our technology and the commitment of our purpose-driven team. Our team's dedication, in partnership with Heidelberg Materials and especially the CBR host plant team, was key to delivering new milestones for our Leilac-1 plant, and important proof points that help validate the huge potential of the Leilac technology.
>
> Vincent Nguyen, General Manager, Operations, Leilac.

Leilac

To learn about the Leilac technology's capabilities and the value it can create for our partners, please contact us at contact@leilac.com

PROJECT ZETA PASSES PRE-FEED MILESTONE

Calix and its subsidiary, Leilac, have successfully completed the pre-Front-End Engineering Design (pre-FEED) phase of its flagship Project ZETA, marking an important step on the pathway to building the world's first commercial electric lime calciner with carbon capture and use of unavoidable process carbon dioxide emissions.

Project ZETA aims to produce near-zero emissions lime for sale to the South Australian market and sell captured process CO_2 to the South Australia Solar Fuels Project (SASF) to make sustainable transport fuels. Lime is a critical material, widely used across industries including iron and steel, aluminium, and water treatment. Demand for lime is projected to grow by approximately 50 percent between 2025 and 2032, while the transition to low-carbon intensity lime production will be essential for the decarbonisation of multiple sectors. As Leilac's first commercial lime project, ZETA represents not only a world-first demonstration of electric calcination, but also a major step on Leilac's pathway to commercialisation.

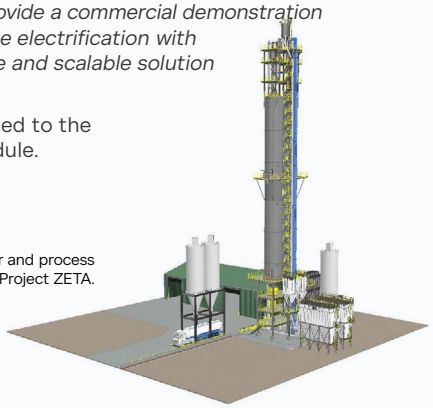
The project is supported by a AU$15m grant, subject to matched funding, from the Australian Government's Carbon Capture Technologies program and aims to prove the viability of electric calcination for cement and lime at commercial scale. By capturing unavoidable process CO_2 emissions while using renewable electricity, ZETA aims to demonstrate a viable pathway to decarbonise industries responsible for over 8% of global emissions.

The completion of the pre-FEED phase has provided a robust technical and economic foundation for the next stage of development. Completed engineering work to date has focused on:

- Implementation of the Leilac technology for lime production
- The operating flexibility required to enable the utilisation of variable renewable electricity in South Australia
- The design considerations for utilisation of local and available limestone feed materials
- High level integration considerations for providing CO_2 to SASF.

Leilac CEO, Daniel Rennie said passing pre-FEED was an important milestone for the project. *"ZETA is a world-first project, aiming to provide a commercial demonstration of how our indirect heating technology can combine electrification with process CO_2 capture to deliver an efficient, flexible and scalable solution for low-carbon cement and lime."*

With pre-FEED complete, the Project has advanced to the FEED stage and remains on budget and on schedule.



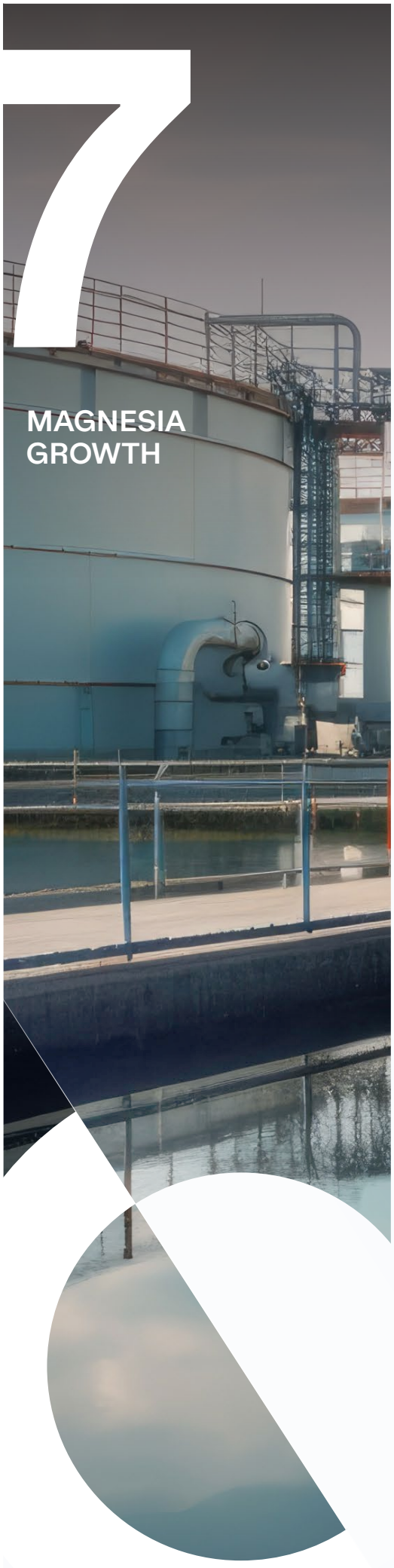
A render of the electric lime calciner and process CO_2 capture plant designed for Project ZETA.

LEARN MORE ABOUT ZESTY AND GREEN IRON

WATCH A VIDEO ON HOW ZESTY WORKS

LISTEN TO A PODCAST ON THE GREEN IRON OPPORTUNITY, FEATURING THE SUPERPOWER INSTITUTE

WATCH A DEEP DIVE WEBINAR ON ZESTY



MAGNESIA MARKET EXPANSION IN QUEENSLAND

Unitywater have awarded a contract to Calix to supply magnesium hydroxide liquid (MHL) to 'dose' at 55 wastewater pump stations across Moreton Bay, the Sunshine Coast and Noosa.

Magnesium hydroxide is a sustainable, non-hazardous, non-toxic substance, commonly used as an antacid to treat heartburn and indigestion.

Unitywater Executive Manager Customer Delivery, Rhett Duncan said Calix, with support from Sunshine Coast Council, had established an operational facility in Caloundra West to expand delivery of its MHL product to the Sunshine Coast region.

"MHL prevents the production of hydrogen sulphide (H_2S) gas in the wastewater network, which people commonly refer to as the 'rotten egg' gas due to its odour," Mr Duncan said.

"MHL suppresses the gas which helps reduce any odour, helps prevent fats and oils from congealing and creating blockages, and prevents corrosion in our pipes, which in turn, prolongs the life of our assets. It will also lower our operating costs and in some cases, we can also use it as an interim solution to odour issues reported by our customers while we evaluate long term capital solutions."

Mr Duncan said using MHL was an economical and environmentally sustainable solution to control alkalinity in wastewater, and Calix and Unitywater were working on an optimisation project to manage MHL dosing rates.

"Calix has visibility of Unitywater's SCADA (Supervisory Control and Data Acquisition) system which monitors our water and wastewater networks and they can monitor the storage levels at each dosing site," Mr Duncan said.

"Once levels get to 20%, they can deploy a truck to top up the levels. Managing it intelligently helps reduce truck deliveries and vehicle movement which, in turn, lowers Unitywater's carbon footprint."

Calix General Manager, Magnesia, Greg Holmes said support from the Sunshine Coast Council had helped facilitate the move to the region.

"We're delighted to be delivering more sustainable and cost-effective solutions for wastewater network management to the Sunshine Coast with Unitywater. In this partnership, a combination of Australian innovation and local services delivery, facilitated by support from the Council, is creating both environmental and economic benefits," Mr Holmes said.

"Our new operational site in Caloundra marks another expansion of our growing global operations, adding to our fleet of facilities in Australia and the United States, as we continue to scale delivery of sustainable water and wastewater treatment solutions."

Sunshine Coast Division 2 and Resilient Economy Portfolio Councillor, Terry Landsberg said Council was proud to collaborate with Unitywater and welcome Calix to Caloundra West Industrial Estate.

"Since first engaging with Council last year, Calix has received tailored assistance including development and site search support, regulatory guidance and talent attraction services," Cr Landsberg said.

"Our economic modelling indicates this project will generate a broader economic impact of $7.14 million and support up to 23 direct and indirect jobs in the waste collection, treatment, and disposal services sector.[1] "We welcome Calix to the Sunshine Coast and look forward to the positive contributions they will make to our economy and community."

1. Source National Economics (NIEIR) modelled by economy.

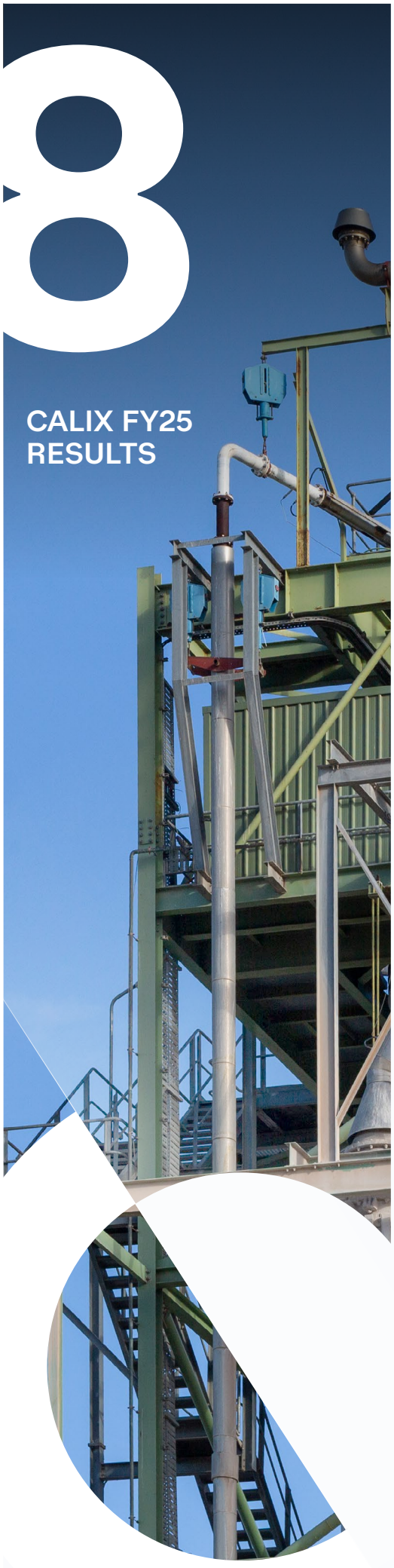
> Our new operational site in Caloundra marks another expansion of our growing global operations, adding to our fleet of facilities in Australia and the United States, as we continue to scale delivery of sustainable water and wastewater treatment solutions.

GREG HOLMES, CALIX GENERAL MANAGER, MAGNESIA

EXPANDING IMPACT ON THE GOLD COAST

Calix has renewed and increased its contract with the City of Gold Coast. The renewed long-term contract is expected to deliver further revenue growth for Calix's Magnesia business. Increased product volumes are being supported by Calix's dosing units, which increase capacity on-site.

Together, the City of Gold Coast and Unitywater contracts have secured long-term engagements with two of the largest consumers of magnesium hydroxide liquid in Australia.



CALIX FY25 RESULTS: REVENUE GROWTH, COST REDUCTIONS AND STRONG CASH RUNWAY

Calix was pleased to report its results for the 2025 Financial Year (FY25), delivering revenue growth, reduced costs and an extended cash runway, alongside progress towards key commercialisation milestones.

Revenue growth

Calix achieved revenue and other income of $33.9m in FY25, up 11% from FY24 ($30.5m). Product and services revenues increased 17% to $28.2m (FY24: $24.2m), with magnesia revenue up 16% to $24.3m and Leilac services revenue up 19% to $3.8m. For the first time, all lines of business contributed revenue to the Group.

Operating cost base reduced

Cost reduction measures delivered a 23% reduction in operating costs in 2H FY25 ($17.1m) compared with 1H FY25 ($22.3m). A significant reduction in capital expenditure is also expected in FY26.

Cash runway extended

The Group held $23.0m in cash and cash equivalents at 30 June 2025 (30 June 2024: $43.0m). Calix's balance sheet was strengthened by a $21m equity raising and continues to provide an 18-month cash runway.

COMMERCIAL MILESTONES

FY25 saw continued progress across Calix's lines of business

Sustainable Processing

- $44.9m ARENA grant executed for the ZESTY Green Iron Demonstration Plant (subject to matched funding)
- $15m WA Government grant for the PLS JV; Construction completion of the Mid-Stream Demonstration Plant on track for December quarter 2025

Leilac

- $15m grant for Project ZETA, (subject to matched funding)
- Successful Leilac-1 upgrade and campaign
- New revenues from paid test work and engineering studies

Magnesia

- Unitywater contract awarded
- Long-term Gold Coast contract renewed
- Revenue growth and sales in new regions in the U.S

> For the first time, Calix earned revenues across all lines of business, with Sustainable Processing recording its first revenues for the Group.

CALIX MANAGING DIRECTOR & CEO, PHIL HODGSON

GROWING REVENUES

Calix achieved record revenues in FY25 with contributions from all lines of business.

Revenue and gross profit growth was achieved in the Magnesia line of business as the benefits of new customer contracts and expanded production capacities began to be realised.

In Leilac and Sustainable Processing, services revenue reflects a focus on the creation of self-funded projects prior to the commencement of licensing royalties.

REDUCED COST BASE

In FY25, Calix implemented cost reduction measures equating to a 23% reduction in its operating cost base in 2H FY25 ($17.1m) relative to 1H FY25 ($22.3m).

Annualised cost savings of approximately $6m from January 2025 were predominantly achieved by discontinuing non-priority or non-revenue generating activities and streamlining teams across the Group. A further annualised saving of approximately $2m was implemented in June 2025 as Leilac reduced its cost base, pending the outcome of the U.S. DOE reviews of funding programs that were expected to support its U.S. projects.

Calix's FY25 operating costs include some one-off costs that were incurred during the financial period associated with the organisational restructuring and cessation of certain activities.

EXTENDED CASH RUNWAY

An institutional placement and share purchase plan completed in FY25 provided the Group with the balance sheet to continue to pursue its funding strategy for Leilac and ZESTY. Under this strategy, the substantial procurement and construction stages of projects such as Leilac-2 in Germany, the ZETA lime project in Australia, and the ZESTY Green Iron Demonstration Plant are intended to be funded via project financing or subsidiary funding rounds for these projects to progress.

Calix's recent capital investment activity is substantially complete, and a significant reduction in capital for Calix's balance sheet is expected in FY26. Calix's reduced cost base and ongoing focus on the efficiency of its operations continue to support an 18-month cash runway.

KEY METRICS – FY25

PRODUCT & SERVICES REVENUE
$28.2m
(↑17%)

LEILAC SERVICES REVENUE
$3.8m
(↑19%)

CASH ON HAND (30 JUNE 2025)
$23.0m
(↓46%)

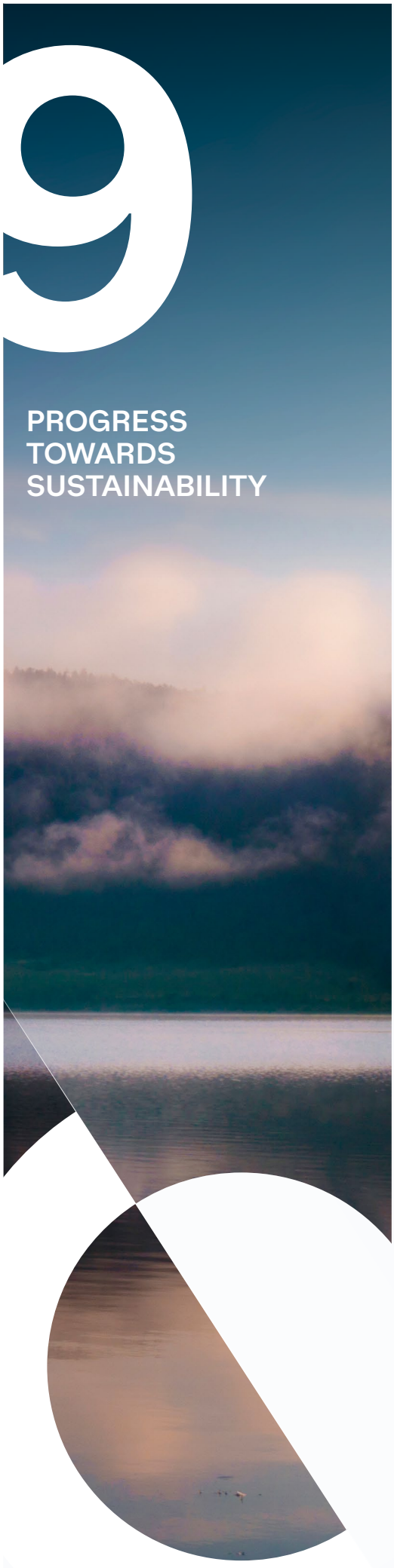
MAGNESIA REVENUE
$24.3m
(↑16%)

REVENUE, INTEREST & OTHER INCOME
$33.9m
(↑11%)

OPERATING COSTS 2H FY25
$17.1m
(↓23% vs 1H FY25)

Download our FY25 Annual Report

Watch the FY25 Results Webinar with CEO & MD, Phil Hodgson and CFO, Darren Charles



BUILDING SHARED VALUE: CALIX'S PROGRESS TOWARDS SUSTAINABILITY IN FY25

Calix has released its **FY25 Sustainability Report**, outlining progress towards our commitments to people, communities and the planet. Sustainability sits at the heart of our purpose and continues to shape both our technology development and our operations.

The report highlights progress against five key ambitions:

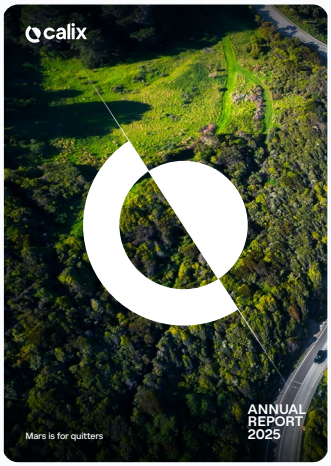
- Advance sustainable technology development
- Ensure safe and controlled operations
- Reduce emissions in line with a 1.5°C pathway
- Address the sustainability of the materials and resources we use
- Foster fairness and belonging.

In FY25, we strengthened our sustainability governance, set outcome-based targets, and advanced our ability to measure and report our impact. We also continued our commitment to the United Nations Global Compact, embedding its Ten Principles across our business.

The FY25 Sustainability Report is available alongside the Annual Report and Corporate Governance Statement in Calix's Investor Centre.

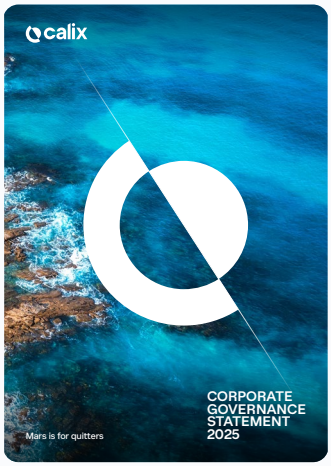
DOWNLOAD THE 2025 REPORTING SUITE

Read the Calix 2025 Annual Report



Read the Calix 2025 Sustainability Report

Read the Calix 2025 Corporate Government Statement



calix

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Calix is committed to sustainable practices. This means we try to reduce printing where possible or we print on 100% recycled paper if printing is necessary. We appreciate your support in this important initiative.