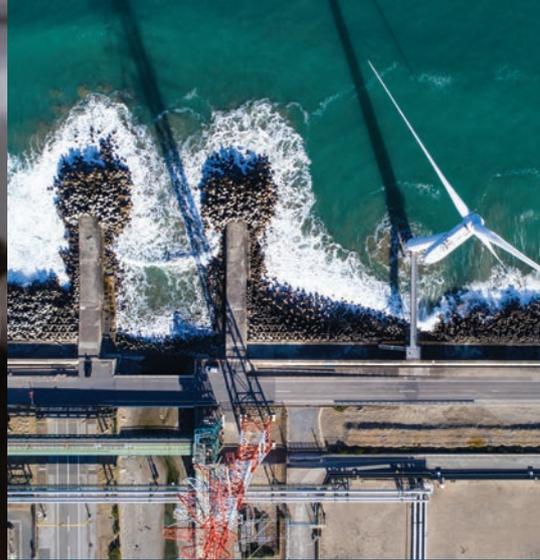


Coates

Equipped for anything

Coates Greener Choices





Coates
GREENER CHOICES



Coates is more than just Australia's leading equipment hire provider. We're an end-to-end solutions company offering safe, smart and sustainable equipment solutions.

Equipped for anything.

Towards sustainability the smart way 4

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Towards sustainability the smart way

Our vision is to be the market leader in safe, smart and sustainable equipment solutions.

As a responsible organisation, we must proactively respond to global and industry changes that are impacting us all today, and into the future.

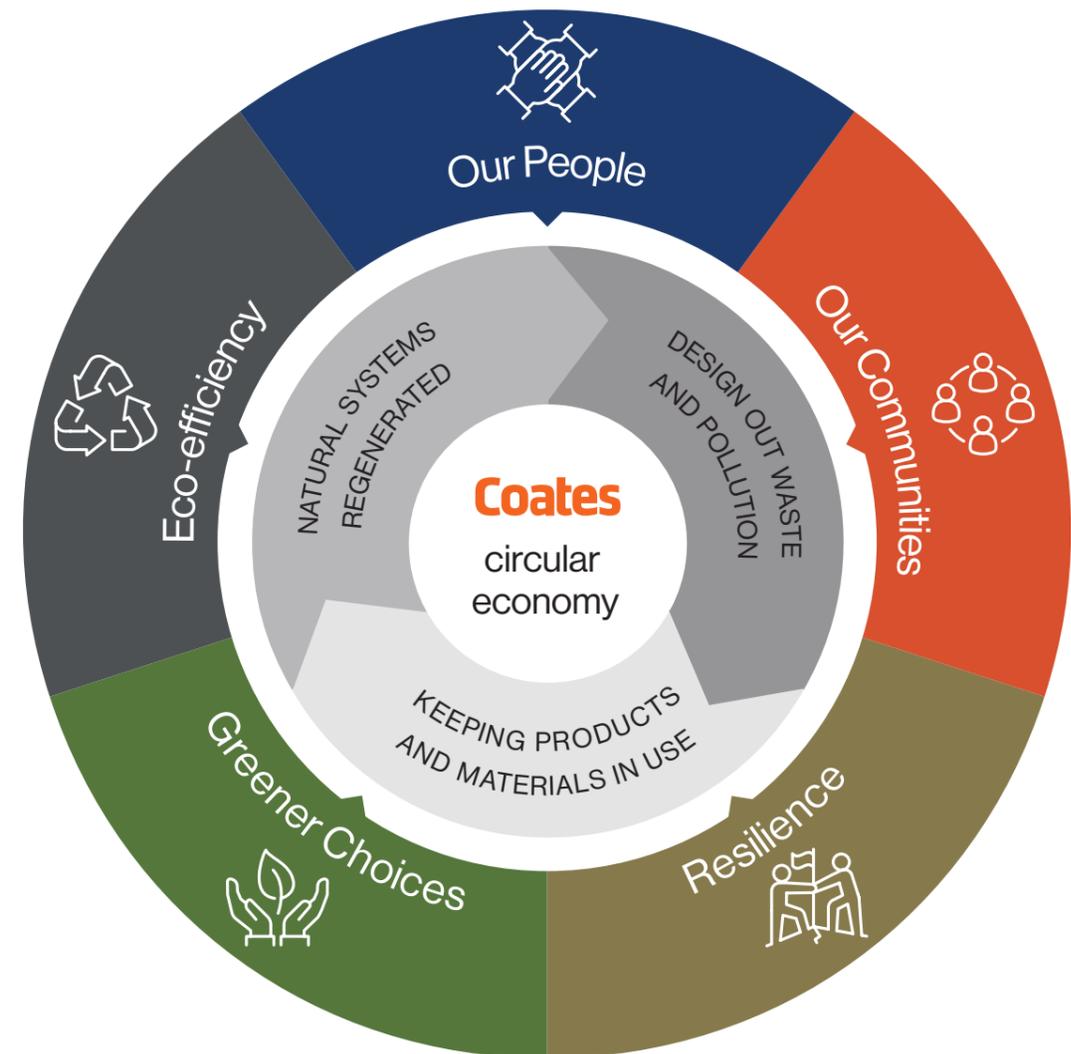
We know you want a partner who shares your values. That's why we've committed to net-zero targets and established a sustainability framework with five key pillars – Eco-efficiency, Greener Choices, Our People, Our Communities and Resilience – to help drive positive change for our business, stakeholders, communities and wider society.

To have real impact on the world, we need to not only change the way we think and act, but also inspire others to act as well.

At Coates, we aspire to strengthen the resilience of our people, our customers, and our planet by playing our part in the circular economy. By driving eco-efficiency and resilience in our business and equipment solutions, we will contribute to a sustainable economy that keeps products and materials in use, designs out waste and pollution, and helps regenerate the natural environment.

There are challenges ahead, but by working together, we can turn shared vision into meaningful action.

Coates.
A partner for positive change.



Sustainability commitment

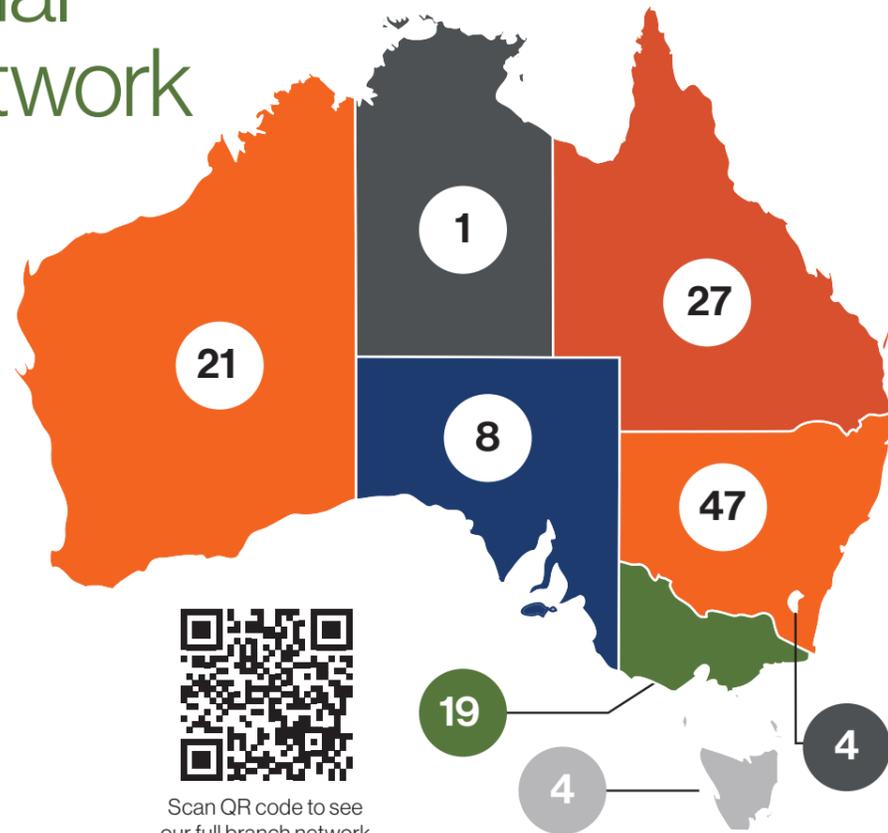
We are relentless in our commitment to reduce our environmental impact and that of our customers.

As your organisation looks to suppliers to support your sustainability targets, we're responding by providing more greener choices. These include solar-powered and hybrid lighting towers; hybrid diesel and electric access, earthmoving, materials handling, power generation and traffic management equipment; and heavy equipment compatible with running on lower-impact biofuel blends.

Coates is a natural participant in the circular economy because our hire and solutions business model is inherently circular.

The way that we enact the circular economy principles means we can extract maximum value from our fleet and equipment, reduce negative impacts, optimise longevity and efficiency through repair and maintenance, and encourage recyclability and reuse at the end of life. We know this is a major commitment and requires true collaboration. We are committed to partnering with manufacturers, customers and other key partners to identify opportunities to design for sustainability, optimise use and enhance 'end of life' management.

Our national branch network



Scan QR code to see our full branch network

Our markets

We offer greener choices across the markets we serve, from small trades to Australia's largest companies.



Engineering & civil



Commercial & manufacturing



Residential & non-residential



Large public events



Government



Oil & gas



Mining & resources



Maintenance

Coates Greener Choices Program

We are excited to be the provider of choice for efficient and more sustainable equipment solutions, supporting tangible sustainability outcomes across industries.

Our long-term commitment to energy efficiency and investment in emerging technologies makes us well-placed to deliver.

At Coates, we are committed to further developing our Greener Choice range of equipment and solutions to offer benefits such as reduced energy use, lower pollutants and reduced noise impacts on your site.

What is a greener choice?

Coates Greener Choices range offers customers opportunities to reduce emissions, improve efficiencies and commit to best practice environmental sustainability standards. We recognise that the criteria for inclusion in our Greener Choices range will continue to evolve as the industry advances and new technologies emerge.

Today, our Greener Choices categories are:

- Battery Electric
- Solar
- Hybrid
- Low pollutant engines
 - USA Tier 4 Final / EU Stage 4
 - EU Stage V

Portable buildings:

- Responsible Construction Leadership Group (RCLG) alignment

Coates Greener Choices also captures other aspects such as compatibility with biodegradable oils, energy efficient appliances and LED lighting.

To ensure that our Greener Choices range keeps growing, we are asking our supply chain to provide detailed information on product sustainability attributes, including recycled content materials and recyclability, modularity/multifunctionality, extended service intervals, battery type and biodiesel compatibility. This data helps to inform the scope and boundaries of the Coates Greener Choices range over time.



Coates Greener Choices Range

With more than one million pieces of equipment, Coates is positioned to be the market leader in greener choice equipment hire and solutions.

Greener product categories

Equipment

- | | | | |
|--|------------------------------|--|--------------------|
| | Access | | Earthmoving |
| | Lighting | | Materials Handling |
| | Power generation and storage | | Site Accommodation |
| | General Hire Tools | | Traffic Management |

Solutions

- | | |
|--|--------------------------------|
| | Biodiesel |
| | Water Management and Treatment |
| | Drones and Digital Twins |
| | IoT and Smart Site |

Over **2000** Solar products in our range

16 Circular systems category plans developed

57% of access equipment is a Greener Choice

18% of our current powered fleet is a Greener Choice, increasing to 20% in FY24

26% of our powered hand tools are cordless

Making the Greener Choice

We care about the health and wellbeing of people and our planet. Greener Choices are smarter choices that aim to reduce environmental impacts associated with fuel consumption, emissions and other impacts associated with manufacturing, operation and end-of-life management.

A transition from diesel and petrol to electric and battery options can present significant emissions reduction opportunities. Additionally, choosing renewable energy sources to power or charge electric equipment on your sites will ensure emissions are reduced and not just transferred.

Identifying Greener Choices

Coates Greener Choices can be identified by these symbols. If you see them on our zero and low emissions equipment you can be assured that you are making a greener choice.

Zero emissions
Battery Electric

Zero Emissions – Battery Electric

Equipment powered purely by electricity with zero tailpipe emissions, enables recharge with renewable energy to avoid off-site energy emissions.

Zero emissions
Solar

Zero Emissions – Solar

Solar power produces no emissions during generation of the electricity or during the operation of the equipment.

Low emissions
Hybrid

Low Emissions – Hybrid

Hybrid technology provides equipment with more than one energy source. This typically means combining a normal combustion engine with an electric motor and batteries.

Low pollutants
Tier / Stage 4 & 5

Low Pollutants – Emissions Standards Compliance

These engines comply with international emissions standards, that are not yet regulated in Australia for diesel non-road equipment. These engines emit relatively low levels of particulate and other pollutant emissions when compared to older designs. Coates Greener Choices equipment is compliant with relevant US EPA Tier 4 final and EU Stage IV and V emissions standards for particulate, NOx and other exhaust pollutants. In addition, newer engine design is often more fuel efficient than legacy equipment.

The evolution of diesel engine particulate emissions

Ahead of regulation in Australia, Coates has been specifying lower pollutant engines in our procurement processes since 2016, progressing to the current Tier/Stage 4 and 5 compliant engines available in some of our equipment today.

This low-pollutants equipment allows our customers to make a 'greener choice' by using modern non-road diesel equipment on site that complies with international standards and emits less particulate and other pollutant emissions. This choice has immediate benefits to occupational exposure and environmental air quality, compared to emissions from older non-road diesel equipment.

Coates will continue to transition our fleet to lower pollutant engines as they become more widely available.

Tier 1/EU Stage I equipment	Tier 4f/EU Stage V equipment
<ul style="list-style-type: none"> Particulate emissions (PM) rate <0.85g/kWh Emissions of approx. 500g PM/shift 	<ul style="list-style-type: none"> Particulate emissions (PM) rate <0.015g/kWh (>90% reduction in pollutant emitted) Emissions of approx. 9–16g PM/shift Reductions in Hydrocarbons (HC) and NOx emission rate

* Assuming non-road diesel 55kW engine, 12 hours operation using diesel meeting AS fuel quality standard

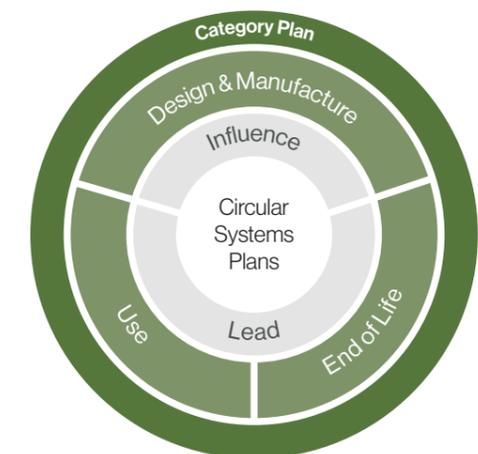
Coates Circular Systems Plans

Engaging our supply chain

At Coates, we understand the leadership role we have in promoting circular economy thinking because of the inherently circular nature of our equipment hire and solutions model. Working with our supply chain, we will continue to look to apply the principles of the circular economy to reduce waste and pollution in the procurement, design and operation of our equipment, keep products and materials in use, and ultimately, regenerate natural systems.

Coates Circular Systems plans have been designed for our major product categories, across three phases 'Design and manufacture', 'Use' and 'End of life'. These plans guide us in pursuing sustainability outcomes across our full equipment portfolio.

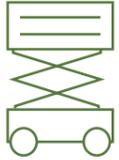
In the 'Design and manufacture' phase, we work with our supply chain to reduce energy use and emissions, optimise materials efficiency, and reduce waste through improved design for disassembly and recycling. In the 'Use' phase, we leverage our equipment hire and solutions model, as well as our internal expertise, to maintain a strong focus on shared usage, repair and maintenance, and reuse. At 'End of life', we identify opportunities for salvage and reuse of equipment parts, as well as recycling of components where they can no longer be reused.



Coates Greener Equipment



Access equipment



Mobile elevating work platforms

Coates has an extensive range of electric access equipment. We have significantly invested in the latest technology electric and hybrid scissor and boom lifts for all indoor and outdoor use, on all terrains.

Our range is energy efficient and delivers the performance to match your productivity needs.





Telework platforms – electric and push-around

Zero emissions: electric

Our one-person telework platforms are fully electric and are available in self-propelled or push-around options. Working safety at heights is paramount and telework platforms are a safe alternative to working on ladders. They are ideal for service personnel, electricians, installation experts, fit-out professionals and anyone else who needs access to high building spaces.



Benefits:

- ✓ Zero emissions
- ✓ Quiet and smooth operation
- ✓ No fuel costs
- ✓ Easy and safe to operate with the latest operator protection systems
- ✓ Smart technology with telemetry for battery preservation and preventative maintenance

Boom lifts – hybrid and electric

Zero emissions: electric
Low emissions: hybrid

Our hybrid and electric boom lifts range in size from 10m to 20m (30ft to 60ft) and have indoor and outdoor capability. The new drive systems enable machines to perform in full 4WD rough ground conditions or run silently inside the cleanest of warehouses.

These booms suit all requirements from facilities maintenance to construction and to the harshest mining conditions.

Benefits:

- ✓ Easy and safe to operate with the latest operator protection systems
- ✓ Zero noise and zero emission (while running electric)
- ✓ Smart technology with start/stop engines and telemetry for battery preservation
- ✓ All purpose, all terrain, all the time
- ✓ Smaller footprint allows transportation on smaller trucks
- ✓ Cost savings from no or reduced fuel usage

Trailer mounted boom lifts – hybrid

Low emissions: hybrid

Our range of 10 – 11m trailer mounted boom lifts are easy to operate and incredibly stable. Suitable for short-term building work, trades and repair work and many other tasks. Lightweight and easy to transport, these innovative boom lifts can run on diesel, petrol or electric power, providing a versatile choice for a wide range of indoor and outdoor tasks.



Benefits:

- ✓ Reduced noise and low emissions
- ✓ Lightweight and towable
- ✓ No fuel costs when running in electric mode

Scissor lifts – electric

Zero emissions: electric

Our indoor and rough terrain electric scissor lifts range in size from 3.8m (13ft) all the way to 10m (33ft).

The new range of Coates indoor scissor lifts all come with the latest electric drive systems for maximum working efficiency.

Our range of Rough Terrain electric scissor lifts have all the 4WD performance of traditional diesel powered units.

We are also introducing maintenance-free lithium-ion battery packs with built-in battery management systems (BMS), which will further improve run-time and reduce battery charging.



Benefits:

- ✓ Zero noise and zero emissions
- ✓ Small electric scissor lifts towable for efficient transport
- ✓ No fuel costs
- ✓ Easy and safe to operate with the latest operator protection systems
- ✓ Quick charge time for continual use
- ✓ Smart technology with telemetry for battery preservation and preventative maintenance

Earthmoving



Coates' expansive range of earthmoving vehicles means we have the latest low pollutant dump trucks and tippers available for use for our construction and mining customers.

Our range of earthmoving trucks are a great addition to any work site with the most fuel efficient and low pollutant engines currently available on the market.



Dump trucks – Stage V engines

Low pollutants: hybrid

Our articulated dump trucks are the latest addition to our fleet. The 4WD capability and steering versatility ensures use in all conditions. While still requiring diesel, the Stage V engine reduces NOX and other unpleasant emissions to almost zero, while fuel efficiency keeps the CO2 to a minimum.



Benefits:

- ✓ Low pollutant engines
- ✓ Reduced emissions
- ✓ Reliable and tough for all conditions

Tipper trucks – Stage V engines

Low pollutants: engines

Coates offers 2t to 6t tipper trucks with the Stage V engine to suit a range of work-site needs when it comes to gathering and moving materials. These new engines not only reduce diesel particular emissions they are also more fuel efficient and produce less CO2 than older engines.



Benefits:

- ✓ Low pollutant engines
- ✓ Cost savings from reduced fuel usage
- ✓ Easy and safe operation

Lighting

Coates began the transition to LED lighting towers many years ago to provide a reduction in fuel usage and emissions, while providing improved light output.

Coates has continued to monitor product development of solar and hybrid lighting solutions and has collaborated with manufacturers to not only improve lighting technology but also ensure they are designed and built to suit the harsh conditions of the Australian environment.

Today, Coates offers 2nd generation solar and hybrid lights with improved light output using the latest technology. With a large range of solar and hybrid powered portable lighting solutions, Coates offers greener choices to match your lighting requirements.



Lighting towers – solar

Zero emissions: solar

Our trailerised solar lighting towers are 100% powered by the sun using the latest solar panel and LED lighting, providing zero emissions and silent operation. These solar lighting units are ideal for ambient lighting for roadworks, ongoing street lighting, sports and events lighting, council lighting, mining and construction.



Benefits:

- ✓ One hour of sun provides up to 3 hours of efficient quality LED light
- ✓ Zero emissions
- ✓ Zero noise
- ✓ Auto shut down in daylight hours – eliminates unnecessary use
- ✓ No fuel costs
- ✓ Available on trailer for easy and efficient transportation

Lighting towers – hybrid

Low emissions: hybrid

Our hybrid lighting towers are powered by batteries but have a small engine to charge the batteries when running low. This combination provides the ability to run the units silently and with zero emissions when powered by batteries, without the concern of running out of power.

The light output of hybrid lighting towers is equivalent to traditional diesel powered units and can be used in all typical applications.



Benefits:

- ✓ Silent running when powered by the batteries – great for night works
- ✓ Reduced emissions
- ✓ Light output equivalent to traditional diesel engine models
- ✓ Auto start battery charge – peace of mind that batteries will never run flat
- ✓ Auto shut down in daylight hours – eliminates unnecessary use
- ✓ Reduced fuel cost

Light pole – solar

Zero emissions: solar

Our water-filled solar lights provide zero emissions and silent operation. They utilise a water-fillable base section that when empty provides lightweight manoeuvrability and are easy to set up.

When filled, the units are designed for Category A & B winds (up to 186 kph) and are very stable when in operation.

These solar light poles are ideal for ambient lighting for roadworks, ongoing street lighting, sports and events lighting, council lighting, mining and construction. The portable nature of these units makes them ideal to set up in any work environments that requires temporary lighting or non-permanent lighting.



Benefits:

- ✓ No fuel costs
- ✓ Zero emissions
- ✓ Zero noise
- ✓ Lightweight, easy set-up and operation
- ✓ Multiple units can be transported reducing transport costs

Portable LED lighting

Zero emissions: electric

Our portable LED lighting range includes handheld rechargeable torches to small pedestal mounted lights providing many options to light up your personal workspace.

We also provide Intrinsically Safe lighting solutions when working in hazardous areas.



Benefits:

- ✓ Zero emissions
- ✓ Zero noise
- ✓ Lightweight
- ✓ Easily used and transportable

Portable linklites

Zero emissions: electric

Linklites are a great option for lighting up work sites that span long distances. The lights can be linked or daisy-chained and are great for rail projects, tunnels or long stretches of road.



Benefits:

- ✓ Zero emissions
- ✓ Zero noise
- ✓ Lightweight
- ✓ Easily used and transportable
- ✓ Linked together for efficient lighting
- ✓ Low consumption LED solution

Mobile battery tower light

Zero emissions: electric

Our mobile battery tower lights are versatile and can be used in many conditions around a work site. Easily moved and with legs that can be individually extended and retracted they are a flexible option for lighting up indoor or outdoor areas.



Benefits:

- ✓ Zero emissions
- ✓ Zero noise
- ✓ Lightweight
- ✓ Easily used and transportable
- ✓ No fuel costs

Materials handling



Moving materials around a worksite, warehouse or event is a regular activity for Coates customers. Whether stacking pallets in a warehouse or lifting bricks onto the second story of a construction site, materials handling is vital to the success of many projects. Coates' Materials Handling equipment range offers Forklifts (Industrial and Rough Terrain), Telescopic Handlers and Warehouse Equipment.

Our range of zero emissions battery electric and low emission engine equipment provide a greener choice for your material handling needs.



Forklift – lithium battery electric

Zero emissions: electric

Our new zero emission electric forklifts use maintenance free lithium battery technology for long run times and fast charging, making them suitable for most operating conditions.

The battery technology allows 'opportunity charging' during working breaks allowing the forklifts to run all day.



Benefits:

- ✓ Zero emissions
- ✓ Easy and safe use with safety features included
- ✓ Zero noise – other than safety movement alarms
- ✓ Zero manual handling in changing LPG tanks or refuelling
- ✓ No fuel costs
- ✓ Fast charge for continual use

Rough terrain forklift – Stage V engine

Low pollutants: stage v

Our rough terrain forklifts are the all-round machine for any work site. The 4WD capability enables use in all conditions. Our new Stage V low diesel particulate emissions range are available in 2.5T open cabin or 5T full cabin models.



Benefits:

- ✓ Low pollutants
- ✓ Stage V engine
- ✓ Reliable and tough for all conditions
- ✓ Comes with fork tine positioners to reduce manual handling risks



Telehandler – Tier 4 Final / Stage V engine

Low pollutants: stage v

Coates has a wide range of telehandlers offering lifting heights between 5m and 17m capable of lifting 2t to 4t loads. Telehandlers are versatile machines that can often do the job of a forklift, crane or other materials handling equipment. They also include load management systems to prevent overload, and switching between lifting attachments is safe and easy.

Why use two or three different machines when a telehandler from Coates can do it all?

Our new telehandlers come with Tier 4 and Stage V engines and provide a much lower particulate emission level than other telehandlers on the market.

Benefits:

- ✓ Low pollutant engines
- ✓ Easy and safe operation
- ✓ Reliable and tough for all conditions



Warehouse equipment – battery electric

Zero emissions: electric

Battery electric materials handling equipment is important for modern warehouse and logistics centres to store and move materials around the site. Our new range of low emission electric pallet jacks and walkie reach stackers help to significantly reduce the risks associated with manual handling, while avoiding unnecessary fuel use.

Benefits:

- ✓ Zero emissions
- ✓ Easy and safe use with all safety features included
- ✓ Zero noise
- ✓ Zero manual handling in changing LPG tanks or refuelling
- ✓ No fuel costs
- ✓ Fast charge for continual use

Power generation and storage



Coates' greener choice energy storage range are battery energy storage systems that allow the storage of energy from multiple sources; traditional temporary power generators, solar arrays or the grid. Energy can then be redistributed, at a later time, to a site that needs power.

Our battery energy storage systems provide a greener solution to power a site during those periods of low energy demand, such as overnight or over the weekend. This allows customers to utilise renewable energy in almost any application and reduce generator run times by an average of 50% and in some cases up to 80%, therefore reducing fuel consumption and costs.



Hybrid power systems

Reduced emissions: hybrid

Our two types of hybrid power systems deliver “plug and play” sustainable power solutions. These units are the HPS 15 and HPS 45 solar/hybrid systems and the HAC 15 Hybrid system. The solar/ hybrid systems combine battery storage with a built-in solar array and a back-up generator.

The hybrid system combines battery storage with a generator and the ability to connect the system into existing external power supplies such as solar.

Perfect for running off-grid power requirements delivering reduced fuel consumption periods of no noise and reduced emissions.



Benefits:

- ✓ Reduced noise and low emissions
- ✓ Easy and safe to operate
- ✓ Cost savings from reduced fuel usage

Solar power system

Zero emissions: solar

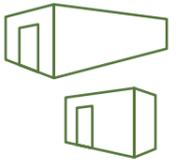
Our range of modular, demountable solar arrays can be ground deployed or roof mounted on temporary portable buildings and can be tailored to the power requirements of most sites to deliver zero emissions solutions.



Benefits:

- ✓ Zero emissions
- ✓ De-mountable and re-deployable
- ✓ Does not penetrate roof or ground

Site accommodation



Fit for purpose amenities and secure storage on site is essential.

Coates offers on-site accommodation and amenities ranging from small, single standard shell spaces, right up to large-scale office complexes and equipment storage containers.

Our site accommodation is continually evolving to optimise efficiency and improve environmental performance. Coates participated in the development of the Responsible Construction Leadership Group (RCLG) sustainability requirements to ensure our site accommodation is a greener choice for customers.

Coates minimum standards for new portable buildings include:

Water

- Water – Toilets 3 Star WELS (3/4.5L dual flush)
- Water – Taps – push button with aerators 3.5L/min or less
- Water – Showers 3 Star WELS (7.5L/min or less)

Low VOC

- Paint
- Adhesive and sealants
- Carpets and flooring (where applicable)

Insulation

- Roof Insulation – R3.0
- Wall Insulation – R2.0

Other

- Weather seals - doors and windows to AC spaces
- FSC/AFS Timber
- Lighting master switch
- LED Lighting
- ‘Turn off’ reminder labelling to switches and air conditioners
- Door closers – all external doors
- Blinds/tinting or external shading for windows to office spaces
- Recyclability and second life when refurbished



General hire – tools



Coates offer a wide range of battery and cordless hand tools and general hire products.

Manufactured by leading global suppliers, we offer a safe and innovative range of tools for all tasks. Our range of battery and cordless tools includes:

- Angle Grinders
- Drills
- Hammer Drills
- Breakers
- Impact Wrenches
- Demolition Saws
- Vacuum Cleaners
- Nail Guns
- Circular Saws
- Reciprocating Saws
- Power Tool Charging Stations

In addition, all of our new small petrol engine-driven equipment complies with the Product Emissions Standards Rules 2017 for outdoor power equipment and marine engines.



Battery rammers

Zero emissions: electric

This battery electric compactor provides serious power for completing trench work, foundations and other jobs requiring solid compaction. Zero emissions, quiet and easy to manoeuvre and with the ability to 'fast charge', our new electric rammers are up to the task.



Benefits:

- ✓ Zero emissions
- ✓ Quick charge time for continuous use
- ✓ Lightweight
- ✓ No fuel costs
- ✓ Reduced hand vibration for safer use

Demolition saws – battery electric

Zero emissions: electric

Our new battery-powered demolition saws come in 230mm and 350mm sizes and are powerful enough to do most jobs. They also come with a safety brake to minimise kickback. Being cordless, they also remove trip hazards and electrical risks from your worksite.



Benefits:

- ✓ Zero emissions
- ✓ Low vibration
- ✓ Lightweight and cordless
- ✓ Blade brake for increased safety
- ✓ Long run times and fast charge
- ✓ No engine fumes, ideal for inside use



All-in-one – charging station

Coates mobile charge pods allow you to safely store and charge power tool batteries, chargers and mobile devices on construction sites.

The mobile charge pod has six lockers that are big enough to securely store most handheld power tools or battery bank chargers. Each locker has its own protected GPO enabling safe charging of individual tools and appliances, while the large holes in the doors provide plenty of air ventilation.

Benefits:

- ✓ Connect to a central power solution like a battery storage unit for green charging
- ✓ Save money and time on lost tools and equipment
- ✓ Compliant and safer storage solution
- ✓ Double pole RCBO (Residential Current Circuit Breaker) protected
- ✓ Fire rated polyethylene

Traffic management

Controlling vehicle and pedestrian traffic in and around worksites and events is important to keep people safe. Coates traffic management equipment solutions can assist in making the site safer for everyone, allowing you and your team to work confidently on construction sites, roadworks, or at events.

Coates has a large range of solar-powered traffic management equipment including variable message signs, portable traffic lights, speed observation signs and portable boom gates to meet your needs.

Benefits:

- ✓ Zero emissions
- ✓ Zero noise
- ✓ No fuel costs
- ✓ Remote control programming
- ✓ Road authority compliant



Coates Greener Solutions



Biodiesel



Renewable, low carbon resources and biofuels have a significant contribution to make in reducing emissions, particularly in transportation and off-road equipment.

We are committed to supporting the use of biodiesel in our equipment and have approved blends of up to 7% in all of our diesel engine fleet and up to 20% in a select range of equipment.

How can Coates help?

Many suppliers stipulate minimum quantities for biodiesel deliveries. Coates can assist your on-site refuelling requirements including solar powered mobile fuel trailers or bulk fuel tanks ranging from 500 ltrs to 10000 ltrs.

What is Blended Biodiesel Fuel?

- Pure Biodiesel is a type of combustion fuel made from organic oils, such as vegetable oil.
- Biodiesel is mixed with standard diesel fuel to produce different concentrations known as 'Blended Biodiesel'.
- Blended Biodiesel is considered a more environmentally friendly alternative to standard diesel fuel due to the reduced emissions associated with its use.

Can I refill Coates plant and equipment with Blended Biodiesel Fuel?

Use of Blended Biodiesel is permitted in all Coates diesel engine-powered plant and equipment as follows:

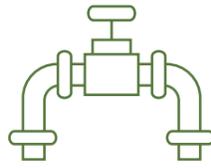
- Blends of up to and including 'B7' are acceptable for use in all plant and equipment.
- Blends greater than 'B7' are acceptable if marked at the fuel filler neck of the equipment.

Where do I purchase Blended Biodiesel Fuel?

- All Blended Biodiesel fuel must be sourced/purchased from a reputable supplier who can assure the quality of the Biodiesel blend meets the requirements of the "Fuel Standard (Automotive Diesel) Determination 2001 (as amended)".
- Biodiesel supply is often dependent on site location and should be discussed with suppliers for each project.

More information on biodiesel use can be found in Coates "Customer Product Information: Biodiesel Usage in Coates Equipment".

Water management and treatment



Coates Engineering Solutions team are available to assist with your water management and treatment needs.

Pumps & fluid management

When you need to move water on a construction site, tunnelling project or remote mine site, our Product Specialists will advise you on the right technique and greener choice pump for the job. Plug in and pump yourself, or ask about a turnkey solution including installation and monitoring.

Site dewatering

Our team of geotechnical engineers, technicians and licensed drillers can design, supply and install a variety of dewatering systems, including sump pumping, wellpoint, deep wells, bypass and dredging.

Sewer bypass

For the temporary bypass of sewage, Coates has a full range of pumps, test plugs, float switches, hoses and fittings. For total peace of mind, we can provide fully compliant flow management and emergency response plans.

Huge pump fleet

Coates has one of Australia's largest pump fleets, ranging from small submersible pumps to large and powerful units for high-volume dewatering applications. Our range includes:

- Electric pumps
- Hydraulic and electric submersible pumps
- Mine spec high head pumps
- Silenced canopy pumps
- Diaphragm pumps
- Flood pumps
- Slurry pumps
- Pumps with telematics and SMS alarms



Water treatment

Water treatment allows you to manage and discharge site water in a way that is safe for the environment and community.

Contaminated site water may present significant risk to a construction project, unless it can be safely discharged to stormwater, sewer or another appropriate discharge point near your site. Contaminated site water may be potentially harmful to nearby waterways, ecosystems and even people, therefore it is critical that it is appropriately treated before being discharged.

If contaminated water is present on your site, you'll need specialist expertise so that work can continue safely and without interruption. Our chemical engineers will design a compact, cost-effective and reliable system to treat and manage wastewater according to national and state regulations.

Turnkey convenience

Plenty of companies offer pump rental, but few can match our end-to-end capabilities when it comes to water treatment. For a hassle-free way to prevent downtime and meet your regulatory and environmental requirements, Coates can design, install and operate a temporary dewatering and water treatment system on your site.

24/7 monitoring

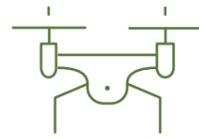
Water quality on a construction or mine site can change daily. Our engineers and technicians will continuously monitor conditions and adjust their strategy to meet the discharge standards of your local authority. Whether we're on site, on-call or monitoring your system remotely via telemetry, we'll help you save time, money and stress.

Our water treatment range includes:

- Sediment tanks
- Silt stoppers
- pH dosing units
- Chemically enhanced primary treatment (CEPT)
- Media filtration systems
- Chemical storage and management systems
- Solids dewatering and sludge management systems
- Water quality and groundwater monitoring



Drones and digital twins



Coates drone service can access hazardous and hard-to-reach areas on your site, eliminating the need for costly, risky and labour-intensive physical inspections.

An intuitive online platform allows you to capture and view high-resolution imagery and 3D models of your asset, so you can create comprehensive maintenance programs and monitor conditions over time.

With a simple click, you can virtually inspect the asset, mark defects using annotation cards, assign workflow actions and collaborate live with your team.



Benefits:

- ✓ Time and resource efficient
- ✓ Safer for your workforce
- ✓ Faster than manual inspections
- ✓ Cheaper than manual inspections
- ✓ Accurate data collection
- ✓ Reduced asset downtime
- ✓ Monitor defects over time
- ✓ Proactively maintain assets

IoT and Smart Site



Connectivity is key in today's industries and Coates can help you seize the opportunities of the Internet of Things (IoT).

Our IoT-enabled telemetry system provides you with real-time visibility of the equipment you have on hire. By collecting data, such as equipment utilisation and fuel consumption, you can maximise the value of your rental equipment, drive productivity and reduce operating costs.

Telemetry

Working with industry partners, Coates developed an IoT-enabled telemetry solution that is capable of being retrofitted to all of our machines. Our telemetry retrofit project that began in 2018 is enabling customers to understand their hire equipment profile, and to make data-driven hire decisions.

Our systems track location and utilisation, and the resulting data allows you to make smarter hiring choices, reduce waste and utilise equipment more efficiently.

Importantly, Coates has created a universal system, which supports data from Coates telemetry devices as well as other manufacturers' devices, meaning that you can easily access all of your telemetry data in one place.

Ready access to this data not only offers short-term benefits but can provide valuable inputs into the estimating process for future projects, by offering insights into actual plant hire, distribution and usage.

Coates is investigating how we may further use this data to support energy efficiency and greenhouse gas emissions reductions. Real-time monitoring of plant hours allows you to more accurately understand fuel demand and consumption across your site. We will also continue to explore how our IoT data can help to minimise and reduce fuel burn on future projects, a key requirement of many sustainability programs and frameworks.



Smart Site

Coates Smart Site currently in development, uses low-power wide area networks (LPWAN) to capture data on the movement of people or equipment within a geofenced area to identify opportunities to improve tool time and work time productivity.

Harnessing these analytics can make a significant difference to the productivity and efficiency of a major maintenance event, especially when coupled with Coates' proprietary Smart Site technology.

Smart Site enables productive and non-productive geozones to be created, where tagged tools and equipment can be located, tracked and studied. Real-time data can also be collected from personnel wearing a smart badge.

Coates Greener Choices Case Study



Coates recycles plastic traffic barriers

Safety barriers find new life as recycled products

Prompted by the implementation of a **new Australian standard** for temporary traffic barriers on the nation's roads, Coates has launched a program to recycle end-of-life cycle plastic barriers.

The program was initially started in FY22 and we have now sent over 6000 barriers for recycling.

The barriers are processed into granules and refined in Australia, before being sold back to the original plastic manufacturer in New Zealand to create new products, including traffic barriers, in a circular recycling system.

"The aim of the program is to make our barriers part of the circular economy, which will help in reusing plastic and reducing waste," says Peter Davis, Executive General Manager for Asset Services.

Sustainable asset disposal

The circular economy underpins Coates' **Sustainability Strategy** and is based on the principles of designing out waste and pollution, keeping products and materials in use, and regenerating natural systems.

But as the company aims to achieve net zero greenhouse gas emissions by 2040, the Asset Services team is increasingly looking for new and more sustainable ways to manage asset disposal.

When a member of the Asset Services team pitched the idea of recycling the barriers to make new plastic products, Coates senior management were quickly on board.

"We know sustainability really matters to our customers but it's also important to Coates, so we continue to seek ways to reduce greenhouse gas emissions and collectively strive to reach net zero," says Peter. "I'm sure our customers would love to know the traffic barriers they had on hire this year will be going back to the manufacturer to produce barriers they may hire in 10 years' time."

Long-term national program

With more than 70,000 traffic barriers in its nationwide fleet, there are plans to expand the program nationally. The company is also investigating how it can recycle plastic components on other equipment.

"We're starting off with one barrier model in NSW and Victoria, but we have a huge fleet of plastic traffic barriers across the country. As they reach end-of-life or they're damaged, we'll recycle them via this program," says Peter.

The barriers are made of high-density polyethylene (HDPE), one of most commonly used and recycled plastics.

"Like all plastics made from petroleum-based raw materials, HDPE manufacturing has a significant environmental impact," says Peter. "Finished products can take centuries to decompose, so it's crucial that they're recycled into new products to be used again. This program is the circular economy in action and brings to life our vision to be the market leader in safe, smart and sustainable equipment solutions".

What's coming next to Coates Greener Choices?

Over the past three years we have procured \$44m of Greener Choice equipment.

While this is a great start, we acknowledge our Greener Choices Program is the beginning of our sustainability journey.

Coates is committed to further progressing our approach "towards sustainability, the smart way" and supporting our decarbonisation ambitions for fleet and for hire equipment.

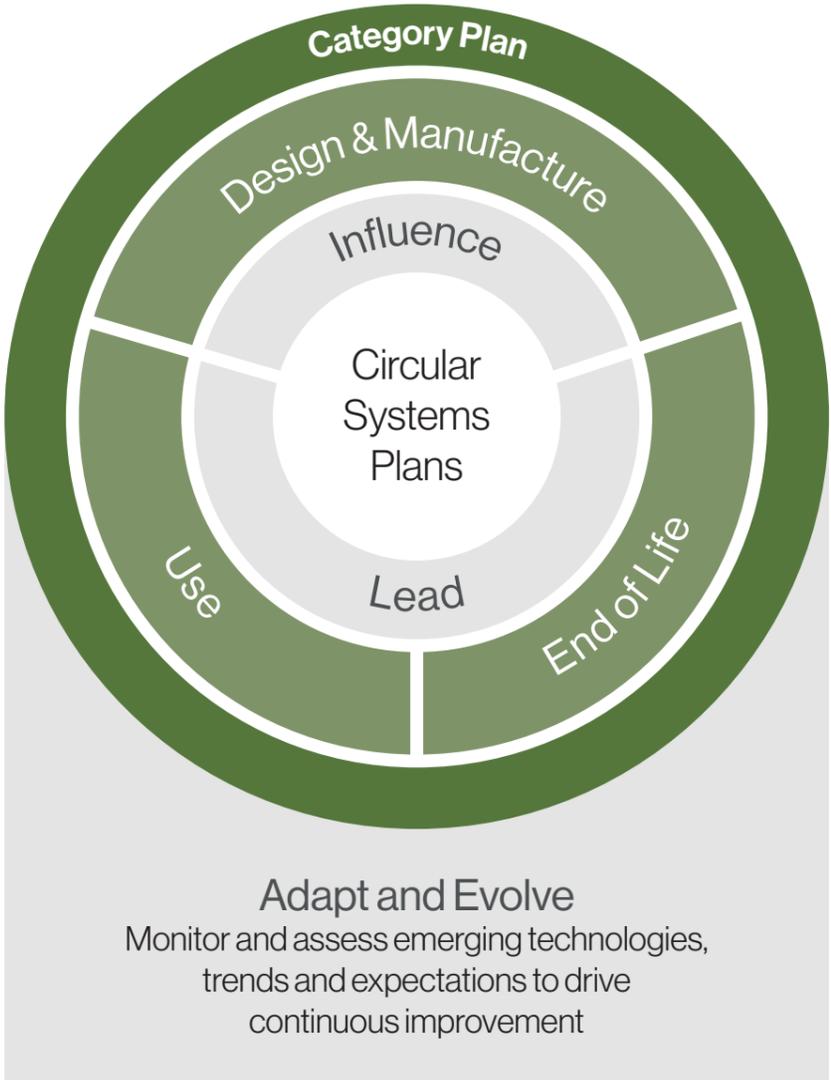
Over the next 12 months we will focus on the following actions:

- Growing our Greener Choices equipment range by 2% in FY24
- Investing in over \$30m of new Greener Choice equipment in FY24, including expanding our range of electric equipment with additional electric telehandlers and electric earthmovers as well as access, lighting, materials handling, traffic management and general hire equipment
- Continue to identify and incorporate other product categories
- Work with customers, manufacturers, suppliers and government on the further development of alternate energy sources for our solutions, including electrification, hydrogen, renewable energy and HVO fuel
- Influence suppliers to transition more product categories
- Trial equipment for suitability and sustainability benefits
- Investigate 'total cost of ownership' for alternate equipment, compared to standard combustion engine equipment.

A Greener Future

As Australia's leading equipment hire and solutions provider, we are focused on providing more sustainable equipment and solutions that support your sustainability goals and guide our suppliers to make greener choices in product design and manufacture.

Our circular systems plans continue to guide our progress.



Coates

Equipped for anything

Contact us

Find out how we can help you make a greener choice for your next project.

13 15 52 |
coates.com.au

