

Building green, building forward:

How sustainability is reshaping construction & your role in 2026

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Coates

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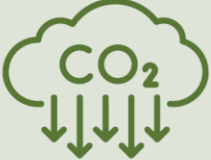
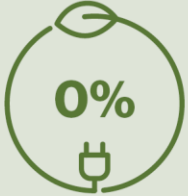
Snapshot

- Today: making change for sustainability in construction
- Career pathway mirrors the evolution of environmental sustainability in industry
- Circular economy and how to use this in construction to get the right equipment at right time
- Operational carbon reduction measures are cost reduction measures
- Working as an expert / cheerleader and influencing change vs your role in construction sustainability



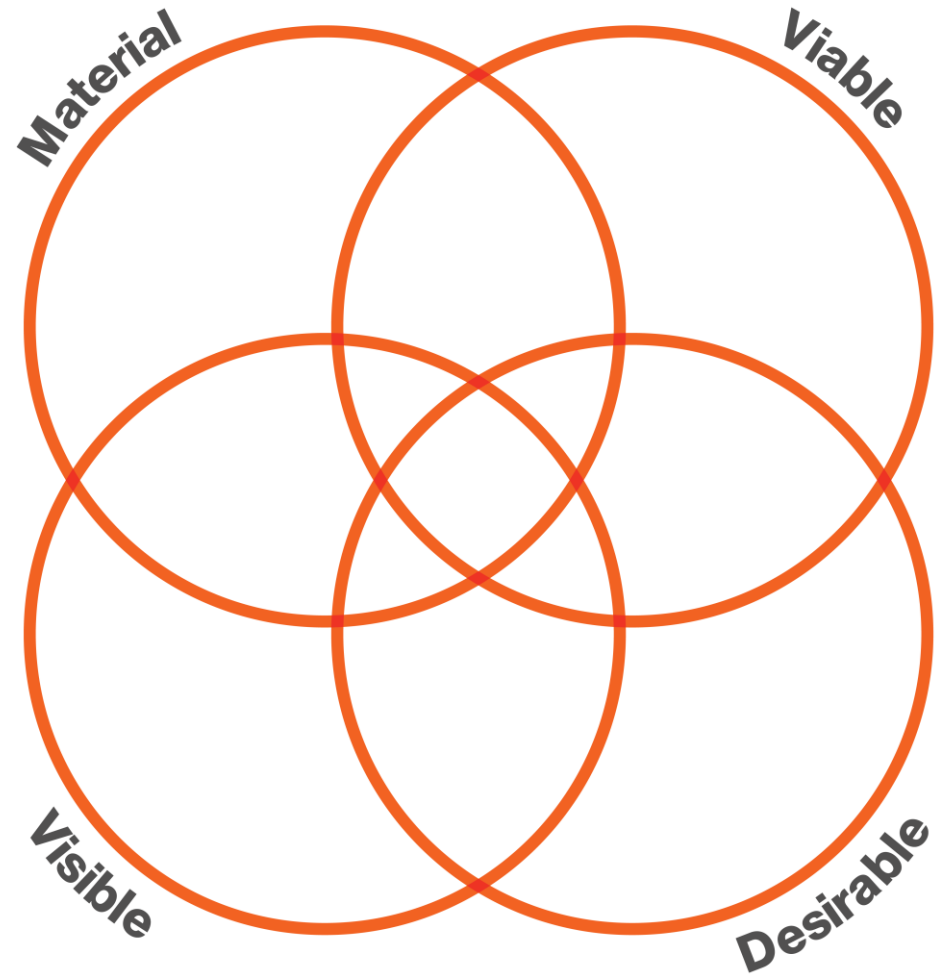
Earthrise: April 6, 2026 - from Artemis II
<https://theconversation.com/how-artemis-iis-earthset-photo-compares-with-the-iconic-earthrise-image-from-1968-279966>

Coates: Supporting Australian industry

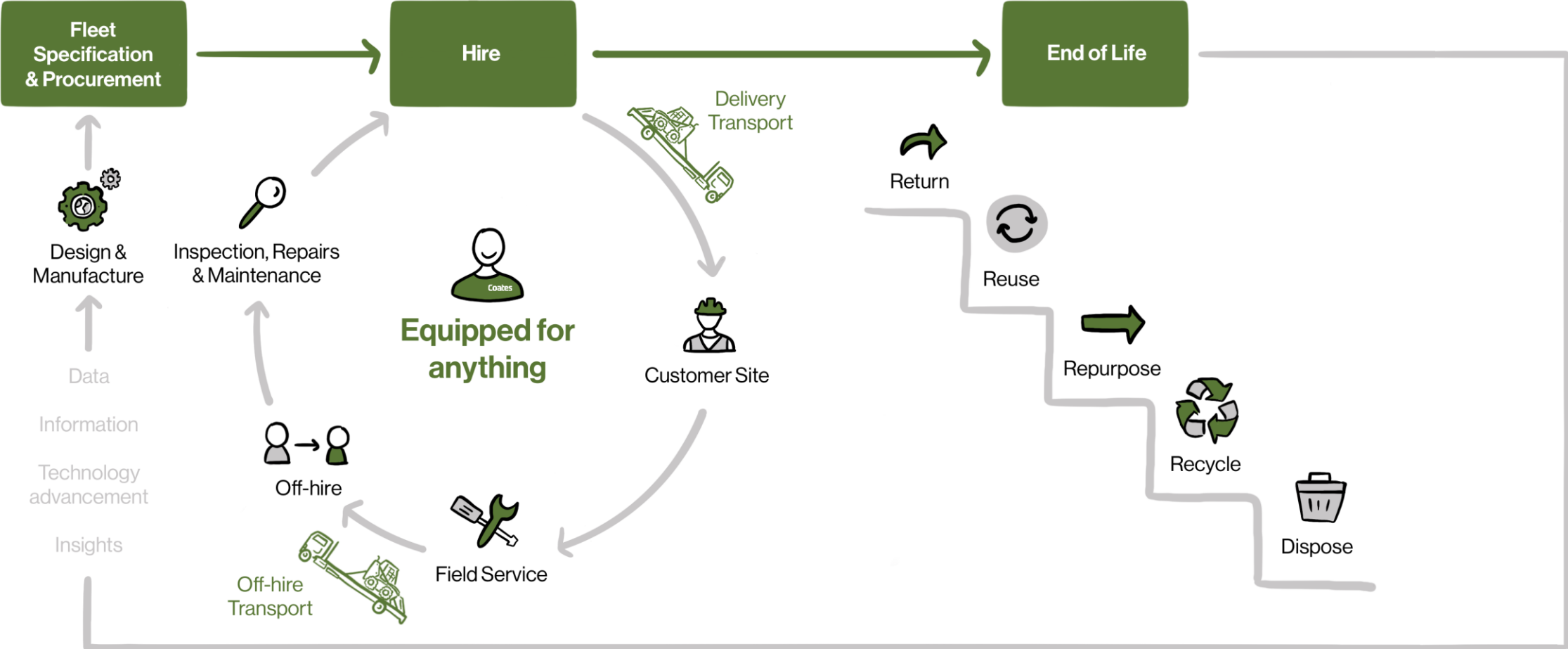
<p>#1 leader in the market</p>	<p>\$1.85bn in assets</p>	<p>\$200m capital investment in FY26</p>	<p>2x larger than nearest competitor</p>	<p> 40% intensity emissions reduction by 2030</p>
<p>140 years of experience</p>	<p>29 equipment categories</p>	<p>145+ branches nationwide</p>	<p>24/7 field support</p>	<p> 0% Net-zero emissions by 2050</p>

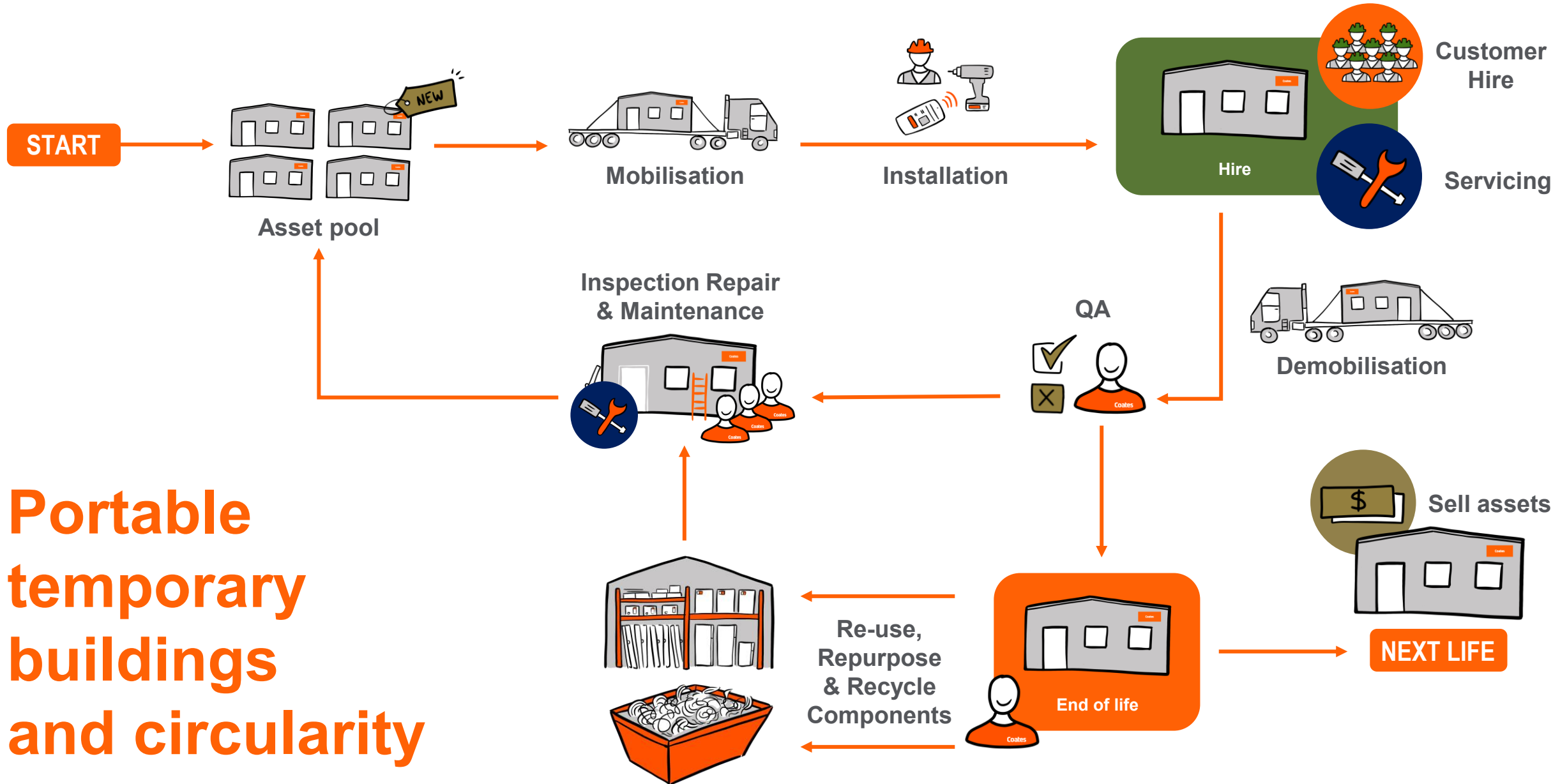
GSD: Get Stuff Done

- Speak in normal language
- Pick and prioritize your target initiatives →
- Cheerlead, collect collaborators: form your 'coalition of the willing'
- Communicate and keep communicating
- PILOT, gain acceptance, build as BAU



Asset lifecycle: Circular economy at Coates





Portable temporary buildings and circularity

The humble pie-warmer – a circular champion!

Electrical
appliance

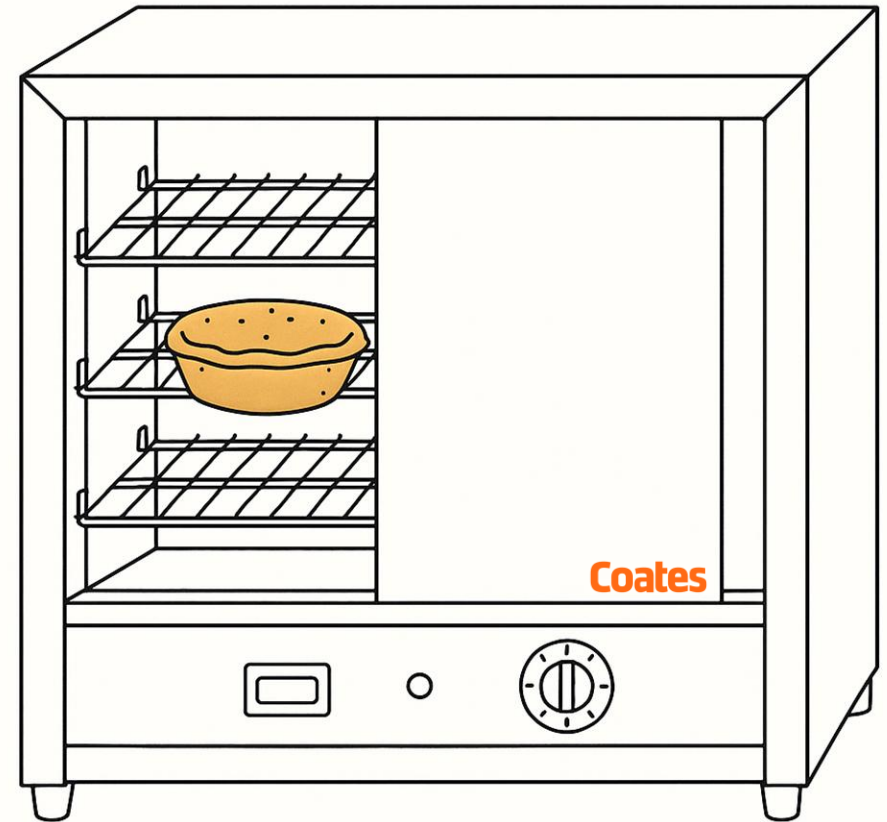
At every
construction
job, at every
Coates branch
(inside & out)

Average age of
assets: 8.5 years

Oldest individual
asset is...

Highly
durable

Utilisation rate:
85% in NSW







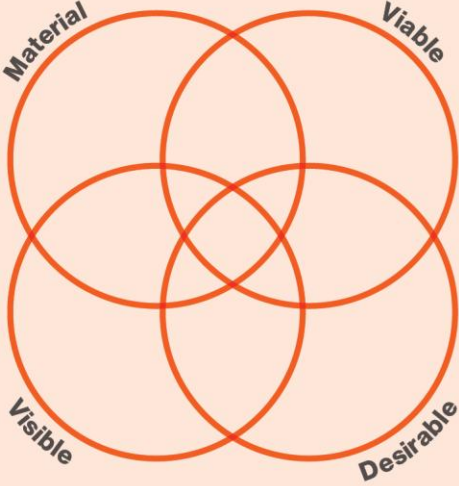

Portables today

Future: Portables product innovation

- Supporting regional renewable energy and transmission build-out
- Climate resilience
- Supporting the construction workforce of 2030



Construction decarbonisation levers

Efficiency	Hybridisation	Electrification	Alternate fuels
<p data-bbox="308 429 568 482">Efficiency</p>  <p data-bbox="242 843 287 1158">Material volume</p>	<p data-bbox="823 429 1166 482">Hybridisation</p>  <p data-bbox="823 1062 1082 1125">Fossil Fuel Free Construction Guidance for Clients, Project Teams, Subcontractors and Suppliers</p>	<p data-bbox="1378 429 1727 482">Electrification</p>  <p data-bbox="1322 715 1778 1196">Material, Viable, Visible, Desirable</p>	<p data-bbox="1921 429 2295 482">Alternate fuels</p>  <p data-bbox="2086 896 2244 1011">DIESEL 7% Biodiesel</p>

Efficiency: Avoid, Reduce, improve efficiency, first:

Practical steps to reduce the OPERATIONAL carbon footprint of your construction site: energy efficiency first

Right-size equipment to cut fuel waste

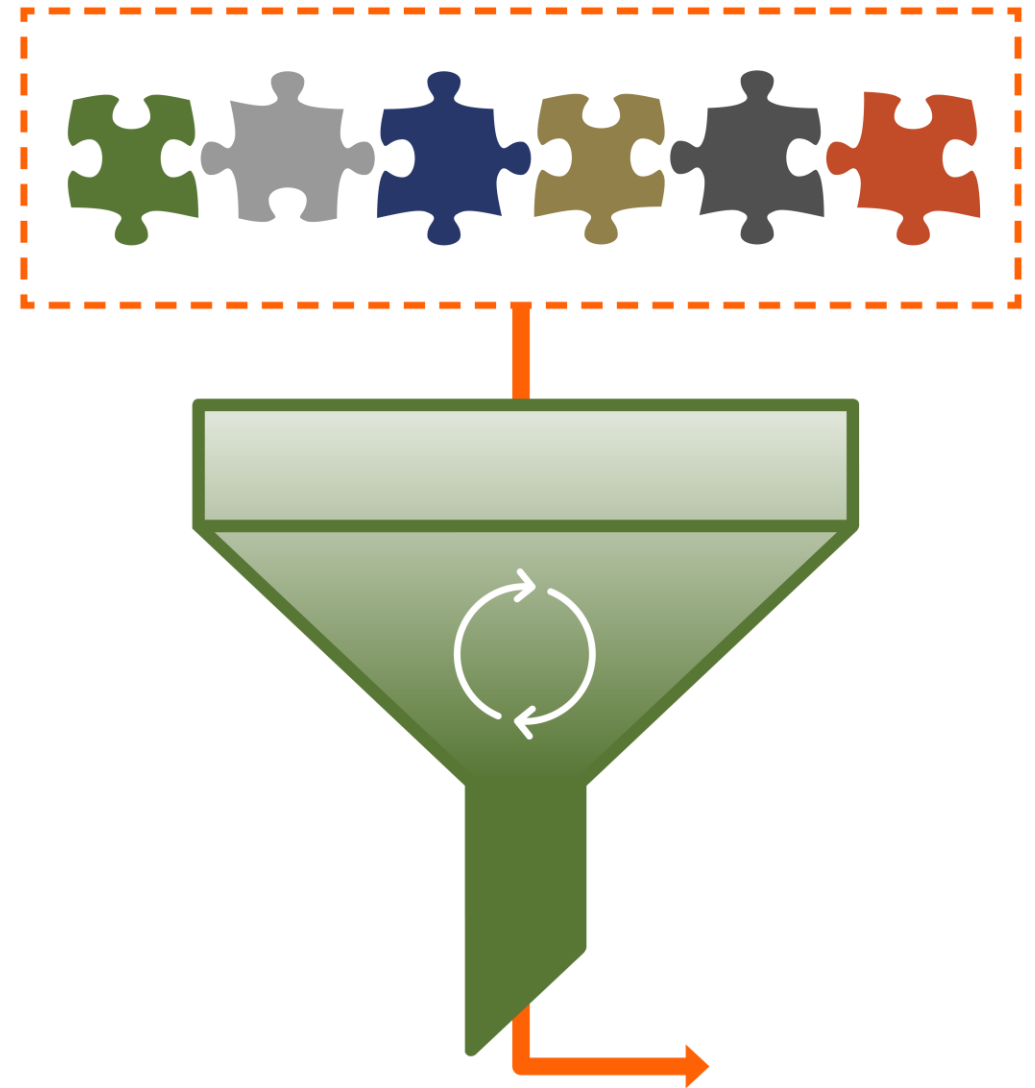
Rent what you need, when you need

Rationalise equipment

Avoid unnecessary idling

Reduce transport and secondary handling






& choose hybrid equivalents



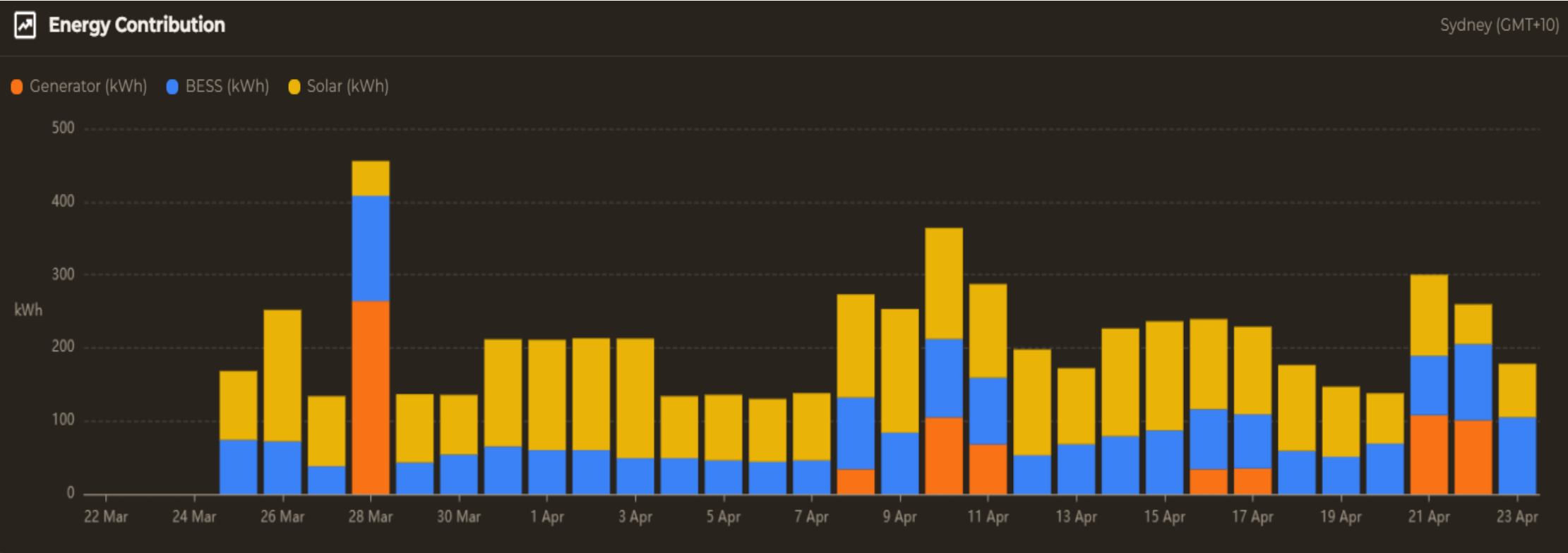
Hybridisation: Matching hybrid systems to the job

Sized to suit the job:

1. Instagrid battery – mobile power (or use V2L on fleet vehicles)
2. Modular generator and battery
3. Solar hybrid all in one
4. Standalone solar, battery and generator
5. Bespoke solar, generator and large storage →

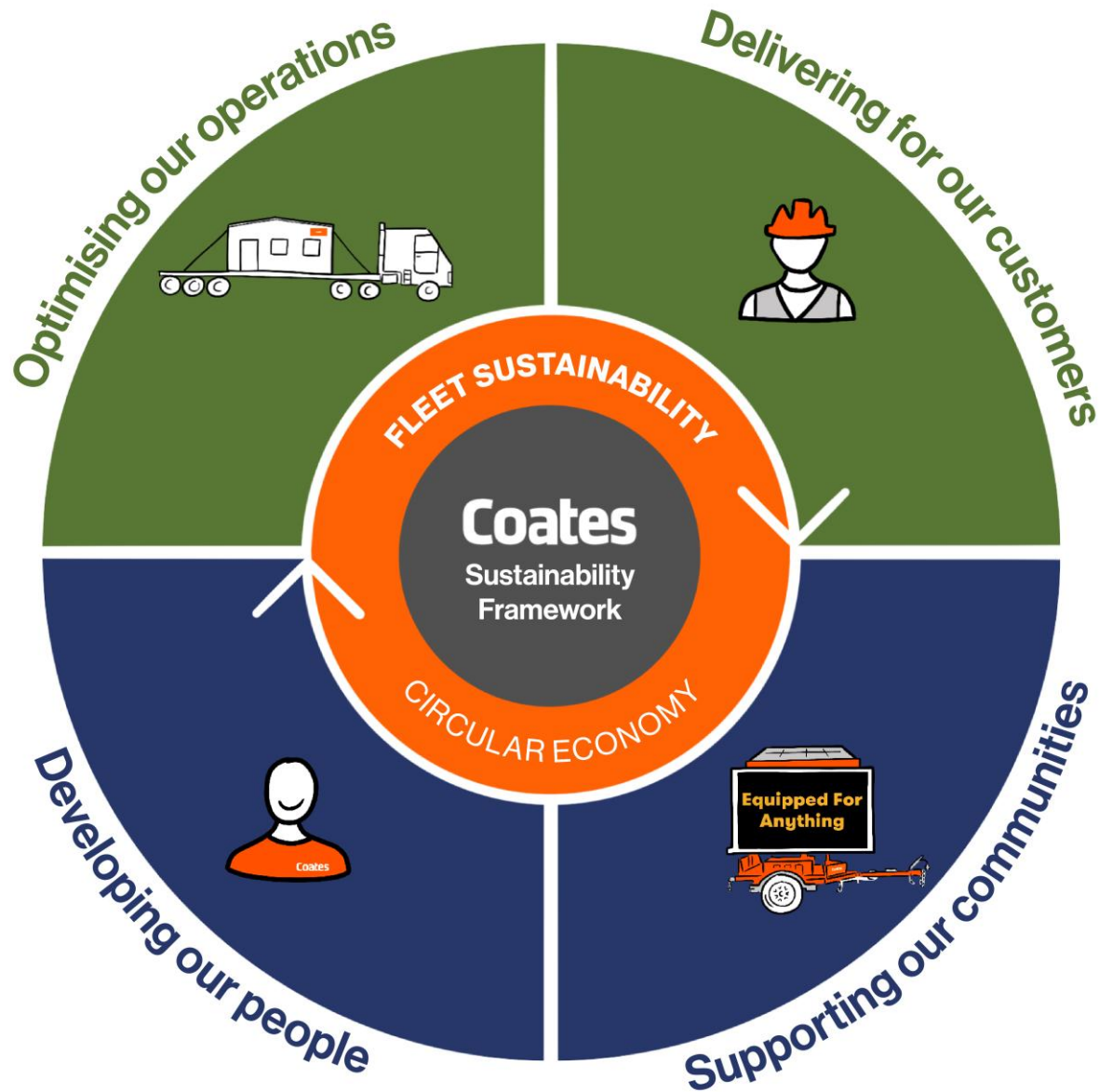
Solar Hybrid Portables case study			
 Demand from site load	79 kW Peak output	2 kW Peak average night time load	18 kW Average daytime load
 Generator Utilisation	12.7 hours of total generator running	5,027 hours of avoided generator running	21 days with zero generator running
 Energy Contribution	471 kWh genset power (via BESS)	4,280 kWh renewable solar power	90% renewable energy used
 Fuel Savings	175 L fuel consumed	4,257L fuel saved	
 Avoided Greenhouse Gas (GHG) Emissions	462 kg CO ₂ e-emissions generated	11,535 kg CO ₂ e-emissions avoided	

Solar Hybrid Portables case study continued



Electrify





Coates