

SUSTAINABLE DEVELOPMENT GOAL 13

WHAT'S HAPPENING IN THE HUNTER



UNIVERSITY OF NEWCASTLE

The University of Newcastle (UoN) stands tall on the international, national and regional stage as an institution leading the way in climate action. UoN know that environmental and social responsibility is extremely important to their staff, students and communities. They also recognise that prioritising environmental sustainability isn't just a nice thing to do, it's fundamental to our future. The University's Environmental Sustainability Plan 2019-2025 is guided by the United Nations' Sustainable Development Goals and is their roadmap to contributing to the solutions, through our operations, research and education.

CITY OF NEWCASTLE

We are in a critical decade for action on climate change and cities are at the forefront of responding to a changing climate and the systematic shocks that will be faced in the future. To meet the challenges of a climate emergency, take advantage of the economic opportunities from meeting emissions targets and create a net zero emissions city, it will take collective action, commitment and leadership from all sectors of the community. The Newcastle Climate Action Plan (2021-2025) sets the roadmap for achieving emission reduction both within the City of Newcastle (CN) operations and across the broader community, to support a future net zero emission Newcastle.

SIRRON GROUP

Sirron Group Holdings exists to support the vulnerable through charity and reward the efforts of staff and shareholders. They achieve this by profitably manufacturing and distributing sustainable products and equipment of high quality and performance. The Norris Industries division has been making commercial glass and dishwashers since 1954 and sells about 2,000 machines a year operating out of Caves Beach. Due to the nature of their manufacturing business, they're heavy power consumers for the size of the business that they are. Their journey to date includes 99 kilowatts of solar panel power on the roof and other energy-saving initiatives, such as machine testing on tank water, turning cardboard from old boxes into matts of packing fill and dropping the use of bubblewrap as a packing material.

BEYOND ZERO EMISSIONS

Beyond Zero Emissions is an internationally recognised think tank that shows through independent research and innovative solutions how Australia can prosper in a zero-emissions economy. To inspire political leadership and accelerate policy change, they publish research on technological solutions that unlock huge economic potential for industries, regions and communities. Their expert research is the springboard from which we showcase and facilitate lighthouse projects, which spurs policymakers to scale and replicate successful models.

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CLIMATE ACTION NEWCASTLE

Climate Action Newcastle (CAN) are a community based non-party-political group of volunteers who recognise that the world faces a crisis. Climate change is a global emergency. The urgency to act simply cannot be understated. CAN is here for people of all walks of life to be a part of the solution.

NEWCASTLE CLIMATE CHANGE RESPONSE

Newcastle Climate Change Response (NCCR) aims through connecting with and growing diverse communities and through providing a place for individuals to come, to bring climate change to the kitchen table, the barbecue, the political office, the bus stop, the water cooler, whatever and wherever it needs to be heard, with we as communities collectively declaring: CLIMATE CHANGE - NOT ON OUR WATCH. It proposes to provide a space and a nurturance to bring together people who want to MAKE INEVITABLE, powerful and effective cultural change against climate change and keep the world within safe levels of warming.

NEWCASTLE CLIMATE JUSTICE UPRISING

This group is for any Newcastle people or friends who want to be a part of a vibrant, creative and peaceful movement to demand climate justice before it's too late.

SCHOOL STRIKE 4 CLIMATE

A collaboration of Hunter school students actively working on climate action initiatives, including strikes and protests for a just transition of the coal-industry and stronger commitment from Government on climate action.

KEITH TULLOCH WINES

Keith Tulloch Wine is the first certified Carbon Neutral winery in the Hunter Valley. The winery and wines are certified under the Australian Government's 'Climate Active' program.

SPROCKET ROASTERS

Creating a roaster that is fuelled on bioenergy is a world first in the coffee roasting industry, and is something that Sprocket Roasters are very proud of. This advancement in roasting technology means end of life products like spent coffee grinds, along with a wide range of other organic material that usually ends up in landfill, are turned into fuel to power the roaster.

NET ZERO HUNTER

In early 2021 a concept for the establishment of an alliance/consortium known as Net Zero Hunter was developed. The initiative aims to: Create a supported network of champions and organisations with a coordinated approach to regional transition; co-design a regional Net Zero Roadmap; & identify collaborative opportunities to advanced outcomes towards a net zero future for the region.

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MGA THERMAL

MGA Thermal's mission is to revolutionise the world's renewable energy systems by developing novel materials, designing innovative technologies and delivering thermal energy storage solutions. Their core technology is a newly invented type of thermal storage material, Miscibility Gap Alloys (MGA). These alloys can store a huge amount of energy as heat, in a safe and easy to use way.

MIDCOAST COUNCIL

Council's Climate Change Strategy sets out how they will reduce emissions and adapt to the impacts of climate change. These actions include investing in renewable energy, becoming more energy efficient, sequestering carbon, transitioning to more sustainable transport options and reducing waste to landfill

MOLYCOP

Molycop are focused on reducing their carbon footprint with a number of initiatives currently underway. These include projects such as lighting changes to more efficient LED products, ongoing investments in operational efficiencies, the purchase of renewable energy, responsible water management and stewardship at our plants, improved waste management, their ongoing commitment to the circular economy and where possible, the use of recycled products.

FULTON HOGAN

Fulton Hogan are committed to reducing their emission by 30% by 2030 and achieving net zero emissions by 2050. They seek to reduce our impact on the environment, and regenerate healthy new ecosystems. They look to partner with others to lift the standards of our industry, and show customers lower-impact ways of delivering infrastructure.