



Snowy 2.0 - watch the latest project update video



Check out this Snowy 2.0 project update and our fleet of custom-built concrete segment trucks that have been designed with, well, a truckload of safety features. At Snowy Hydro we are always looking for ways to improve safety outcomes and we're proud in this video to be showcasing the key safety innovations of these regionally-manufactured trucks.

Did you know the project is greatly reducing its overall heavy vehicle movements on the Snowy Mountains Highway by transporting in a single load, nine of the seven-tonne segments that are used to line the tunnels for Snowy 2.0? A standard semi-trailer would only be able to carry three segments at a time.

Snowy Hydro winter wonderland



The snow that falls in the Snowy Mountains is ultimately destined for Snowy Hydro's large reservoirs, where it will be used to generate clean, renewable energy.

Clockwise from top: Snowy 2.0's Tantangara construction site and surrounds under snowfall; dawn at Cabramurra; Tantangara; Marica surge shaft site for Snowy 2.0; snow-covered car after an overnight dump.

Driving home road safety to the next generation

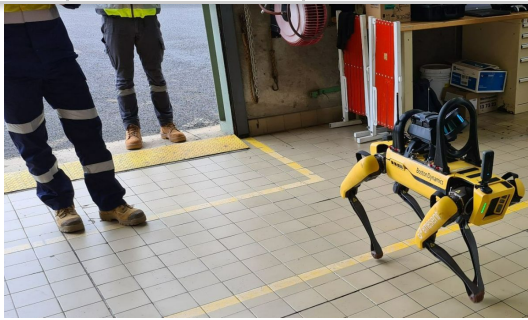
Snowy Hydro is committed to ensuring the next generation of locals are equipped with the skills and knowledge to help keep them safe on the roads, with the long-running Young Driver Program playing a crucial role.

For four years Snowy Hydro has partnered with Driving Solutions to provide local students with young driver training. Recently, about 275 local young people participated in the program, which helps prepare Learner and Provisional drivers for the driving conditions they face on Snowy Mountains roads.

Since its inception in 2002, the Snowy Hydro Young Driver Program has provided more than 1,600 local students with the opportunity to improve their driving skills and become safer drivers. You can [read more here](#).



Technology - high-tech hound



Snowy Hydro teams regularly investigate ways new technology can enhance existing operations, from digital engineering tools to remotely operated weather measurement systems.

One recent trial utilising scanning technology and autonomous vehicles could pave the way for sophisticated remote inspections across certain Snowy assets. Australian technology company Emesent, a world leader in drone autonomy, LiDAR mapping and data analytics, recently visited the Snowy Scheme to test a series of scenarios using a Boston Dynamics robotic dog.

Emesent's locally developed Hovermap LiDaR scanning hardware combines scans of the physical environment with drones and robotic vehicles that can navigate themselves around the real world with minimal operator involvement.

The robotic dog, named Spot, demonstrated impressive skills by climbing several sets of stairs inside Tumut 2 Power Station. An initial scan of the area allowed the operator to set waypoints for Spot and then control its progress remotely from the floor above. In confined spaces, a camera can be attached to Spot's back to capture imagery, or a manipulating arm connected to open doors, turn valves or pull levers.

The trials gave the Snowy team the opportunity to understand Hovermap's capabilities and explore the potential for a business case towards greater safety and productivity using platforms and drones. Following a debrief of Spot's performance during the trials, the Snowy and Emesent teams will be able to work together to adapt the solutions and provide input to Hovermap's product development roadmap.

Visit the Discovery Centre or host a function there!



present and future of the mighty Snowy Scheme, Snowy Hydro and renewables.

Got an event or function coming up? Snowy Hydro's Discovery Centre in Cooma is available to host functions and events for up to 100 people. To find out more or to book, [please email us](#).

While visiting the region, school groups are encouraged to stop by the Discovery Centre to experience the immersive theatre and hear stories behind the Snowy Scheme engineering and our people from our experienced staff, including former teachers. Our learning program will ignite students' imagination and expand their knowledge about a range of curriculum including geography, STEM, history and social science subjects. [Book now!](#)

Snowy Hydro Discovery Centre and Cafe

Monaro Highway, Cooma

Open 7 days

Weekdays 8am - 4.30pm. Weekends and public holidays 9am - 2pm

Phone: 1800 623 776



Copyright © 2022 Snowy Hydro All rights reserved.

We welcome your feedback - call 1800 623 776

Email communityfeedback@snowyhydro.com.au

Want to change how you receive these emails?

You can [update your preferences](#) or [unsubscribe from this list](#).

[View this email in your browser](#)