

4th – 18th June 2024

PRESIDENT PAULINE’S PONDERINGS

- It is an ‘End of an Era’ for our District 9820 as we now become the new District 9815 as we amalgamate with District 9810...because of falling membership in both districts. Colin Byron will be the new District Governor and our Rotary Community Leader will be our very own Tim Wills. Congratulations Tim.
- As this is my last Bulletin as President, I would like to thank all Rotarians and Partners for your work, support and friendship. It has been a privilege and pleasure to be your President and I am proud of all that we have achieved during the year, especially the help we have given to our local community.
- On June 2nd Brian & I, Mike & Sandy Kelleher, Judy Alexander and Lois Ryan had the pleasure of attending a Rotary luncheon at the Cape Schanck RACV Resort. We were inspired by two wonderful speakers, Rotary International President Gordon McNally and Professor Patrick McGorry AO, along with a musical performance by Alison Rae Jones. Both Gordon and Patrick spoke passionately about the increase in Mental Health issues, especially in young adults and, the lack of funding in this area compared to physical illnesses. They urged us to elevate the conversations about Mental Health and inspired us to *Create Hope In The World*.
- I look forward to a wonderful evening next Tuesday at our Changeover Dinner at the Drouin Golf & Country Club and I wish President Elect Mike all the best for the coming year. I know that this wonderful, friendly and supportive club will be behind you.



At Cape Schanck



The ‘choir’ prepares for Changeover



Pauline signs off

UPCOMING EVENTS

- **Birthdays:** David Veal, Judy Surman, Gwen Kelly and Val Gardner
- **Wedding Anniversary:** Glynn/Liz Fankhauser and Mike/Sandy Kelleher
- **Joining Anniversary:** Max Scott (11yrs), Jane & Roger Playdon (8yrs), Glynn Fankhauser (33yrs), Paul Davine (22yrs), Keith Cook (5yrs), David Proposch (17yrs), Peter Konjevic (34yrs)
- **Tuesday 18th June:** 2024-25 *Changeover Dinner* at Drouin Golf & Country Club
- **Sunday 29th June:** District 9815 *Inaugural* Changeover Dinner at the Cardinia Cultural Centre (*see Tim*)

2024 Rotary Intenational Conference

Take some time to listen to some of the amazing speakers at the Conference in Singapore and learn more about the amazing organisation of which we are part:

<https://my.rotary.org/en/2024-rotary-convention-videos>



PROGRAM

Jane Burton (Project Director) and Amanda Griffith (Stakeholder Engagement Officer) visited last week to enlighten the members of the CarbonNet Project, initiated around fourteen years ago, is a carbon capture and storage (CCS) project which aims to help Victoria reach “nett zero” by 2045.

Jane said there were 564 CCS projects around the world and 17 of those were in Australia. CarbonNet was initially planned to take the carbon dioxide (CO₂) from the coal-fired power stations which produced 65 million tonnes of CO₂ per year. But that figure has been significantly reduced by the closure of Hazelwood, with Yallourn due for closure in 2028 and the Loy Yang stations by 2030.

So the project will seek other clients from industries such as: hydrogen production; fertilizer production; bioenergy – particularly from brown coal; plus, the steel and cement industries. And the opportunities from direct capture from the atmosphere are also in the mix.



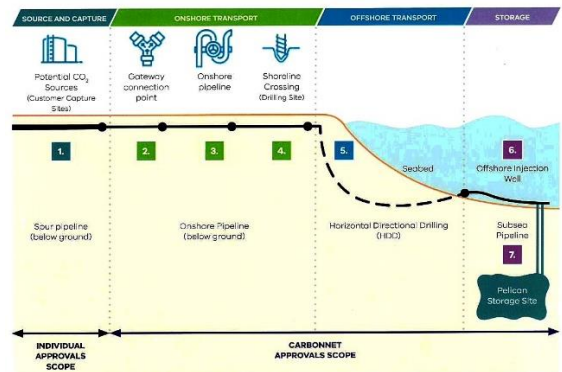
CarbonNet will permanently store CO₂ emissions deep underground.

Some essential industrial processes, such as steel, cement, fertiliser and bioenergy need CCS to reduce their emissions.

CCS complements renewable energy and other low emissions initiatives as we transition to a net zero future.

The project aims to commence construction from 2026, pending a final investment decision.

CarbonNet will reduce emissions while enabling new industries, and will help create jobs that boost the local economy.



The project will be based at Golden Beach and will store CO₂ into the Pelican Storage site in Bass Strait. Jane stressed that the technology is well proven in other parts of the world and that earthquakes have not caused CO₂ to escape capture, as some people may fear.

Community consultation and discussions with landholders impacted have been progressing well and formal agreements continue to be signed.

It is expensive now but costs are continually coming down.

Project Element	Description
1. Customer Capture Sites (Not CarbonNet owned or operated)	Customer capture sites will provide captured and compressed CO ₂ to CarbonNet for transportation and storage at Pelican. Potential industries include, but are not limited to, hydrogen, fertiliser and bioenergy.
2. Gateway Connection Point	A gateway connection point will be located at Loy Yang in the Latrobe Valley, enabling multiple planned or operating projects to connect into the CO ₂ transportation and storage network. Loy Yang is therefore the proposed start point for the CO ₂ transport pipeline.
3. Onshore Pipeline	Approximately 80km of 450mm* pipeline will run from Loy Yang to the shoreline crossing at Golden Beach. <small>*Diameter to be confirmed during Front End Engineering Design</small>
4. Shoreline Crossing	The pipeline will cross the shoreline likely using a horizontal directional drilling (or similar) technique, to avoid direct impacts on sensitive coastal features. The pipeline will emerge 1km offshore.
5. Offshore Pipeline	Approximately 20km of pipeline will be laid directly on the seafloor, depending on the local design requirements to the subsea injection location at Pelican.
6. Offshore injection and monitoring wells	It is envisaged that Pelican will include a number of injection wells to inject CO ₂ deep under the seabed in Bass Strait, and one observation well to monitor for performance and required maintenance.
7. Geological CO ₂ storage reservoir – Pelican	Capacity of up to six million tonnes per annum over 30 years and integrity for permanent storage of compressed CO ₂ .



Jane,
Pauline
&
Amanda

And then....



I hate it when people act all intellectual and talk about Mozart, while they've never even seen one of his paintings...

