



PAPYRUS AUSTRALIA

# NEWS

EDITION 3  
MAY 2022

*Renewable  
Source*

*Sustainable  
Future*

## A MESSAGE FROM OUR CHAIRMAN

Edward Byrt

**I**n our February newsletter, I began my introduction by saying that 2022 would be a year filled with enormous potential and opportunity for Papyrus.

I'm pleased to report as I write this message just a few months later, we have already seen much of this potential and opportunity come to fruition as we formalise significant partnerships and expand our leadership team.

In April, Papyrus Australia signed a Cooperation Protocol with the Egyptian Government to establish factories across Egypt. I'd like to congratulate the Papyrus team who have all worked so hard in laying the groundwork for this landmark agreement. Read more about the Cooperation Protocol on page two.

In what has been a productive few months, Papyrus has also signed a partnership deal with Al Ahram for Plastics to assist with the transition from plastic to environmentally-friendly food packaging. Read more about this partnership on page four.

I'm also delighted to welcome Papyrus' new General Manager, Daniel Schmidt, to the team. Find out more about Daniel on page three.

We look forward to the months ahead as we continue to seek partnership opportunities to bring our world-leading sustainable technology to market for the benefit of our environment.



## LEADING THE WAY IN DEVELOPING EGYPT'S GREEN INDUSTRY

**P**apyrus Australia has signed a Cooperation Protocol with the Egyptian Government's National Authority for Military Production (the Ministry) to establish factories across Egypt to convert banana tree waste into innovative and sustainable products.

This landmark agreement will not only achieve substantial environmental benefits, it will also bring international recognition to an Australian innovation.

With over 100,000 acres of banana plantations in Egypt (as compared to just 24,000 acres in Australia), the nation produces more than two million tons of agri-waste per year.

Currently banana plantation waste in Egypt is unused. It is costly for the industry to dispose of and contributes to high levels of methane emission as it breaks down.

By adopting the Papyrus technology to process banana plantation waste the industry will not only be making use of materials which would otherwise have gone to waste, they will also be preventing significant CO2 equivalent emissions, rendering Papyrus' world-first technology critical in addressing this national issue.



**Watch now: Egyptian Govt. signing landmark agreement**





## PAPYRUS APPOINTS GENERAL MANAGER

Following the substantial development and growth in recent months, Papyrus is pleased to welcome General Manager Daniel Schmidt to the team.

An established business leader, Daniel has 15 years' experience in procurement and operational management from his time in the Australian mining and metals industry. He brings a strong background in continuous improvement program management, team development and aligning functions for best business outcomes

Papyrus' Managing Director, Ramy Azer, recently spoke to the team at *Walk The World* about Papyrus' world first technology and the recently signed Co-operation Protocol with the Egyptian Government.



**WATCH HERE:**

## PARTNERSHIP WITH AL AHRAM

Papyrus Australia is pleased to announce the company has signed a partnership agreement with Al Ahram for Plastics. The partnership arrangement will enable Al Ahram, an Egyptian based company, to transition from their current plastic based food packaging to environmentally friendly banana fibre.

This is the first such transition worldwide and the beginning of a new era of sustainable packaging products in Egypt.





## SPOTLIGHT ON METHANE: THE 'BLOW TORCH' OF CLIMATE CHANGE WITH AL HARAM

When it comes to greenhouse gases, we hear a lot about carbon dioxide (CO<sub>2</sub>) and its link to climate change. The most prevalent of all the greenhouse gases, it lingers in the atmosphere, contributing to global warming for generations after its emission. However, there is another greenhouse gas which despite its low public profile, also plays a key role in climate change.

Methane (CH<sub>4</sub>) is the second most prevalent greenhouse gas, however it is far more potent than carbon dioxide and is often referred to as a 'blow torch' of climate change, compared to the 'gradual boil' caused by CO<sub>2</sub>.

### ***Methane levels and potency***

Methane is approximately 30 times more potent as a greenhouse gas than carbon dioxide making it a significant short-term driver of global warming. Due to its potency, reducing methane emissions is currently regarded as the single most effective strategy to reduce global warming in the short term.

According to US Government data, in 2021 the level of methane in the atmosphere jumped by a record amount for the second year in a row. In 2021 the concentration of methane increased by 17 parts per billion (ppb) according to the National Oceanic and Atmospheric Administration (NOAA). This represents the largest annual increase since 1983 when modern measurements began. 15.3ppb was the previous record increase, set in 2020.

### ***How is methane created?***

Methane is created by many different sources. It is produced naturally in the environment and as a result of human activity such as the farming of livestock, agriculture, rotting landfill and the fossil fuel industry.



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