

DRIVING DECARBONISATION

APPITA LAUNCHES THE RENEWABLE PROCESS HEAT STUDY

Empowering the Pulp, Paper & Packaging Sector to Shape Practical Pathways for a Low-Carbon Future

Appita is excited to announce the launch of the Renewable Process Heat Study—an industry-driven initiative supported by the Australian Industry Renewable Heat Accelerator and delivered in partnership with energy and carbon specialists Northmore Gordon. This project is designed to help the pulp, paper, and packaging industry make informed, evidence-based decisions about future process heat options, including heat recovery, electrification, and renewable heat technologies.

WHY THIS STUDY MATTERS

Process heat is one of the most complex and pressing challenges for energy-intensive manufacturing. With rising energy costs and increasing pressure to reduce Scope 1 emissions, our sector needs clear, practical insights into which technologies and transition pathways are truly viable in real-world operating environments.

ABOUT THE STUDY

Industry-Led Approach: Shaped by direct input from industry members, ensuring outputs reflect actual operating conditions, constraints, and priorities.

Objective: Rather than prescribing one-size-fits-all solutions, the study will clarify where different process heat options are relevant, identify barriers, and provide a structured, evidence-based framework for evaluating future pathways.

Key Deliverables:

- Practical, sector-specific insights into renewable and low-emissions process heat options
- Three case studies prioritised by industry, grounded in real operating contexts
- A high-level overview of transition pathways to support planning, investment, and funding proposals
- Evidence-based analysis of technology options, including electrification, enhanced heat recovery, thermal storage, and biomass-based solutions

GET INVOLVED: SHAPE THE FUTURE

Industry participation is essential to the success of this study. We invite all stakeholders to contribute their experience and insights at the upcoming Renewable Process Heat Workshop, held as part of the Energy & Renewables Forum at the Appita FutureProof 2026 Conference.

WORKSHOP DETAILS:

Date: 26 March 2026

Location: Hyatt Place, Essendon Fields, Melbourne

At the workshop, you will:

- Share on-the-ground experience and operational constraints
- Identify and prioritise practical opportunities for heat recovery, electrification, and renewable heat
- Help confirm the priority themes for the study's three case studies

Workshop outcomes will directly inform the study's recommendations, ensuring they are relevant, achievable, and valuable for future investment and funding discussions.

Pre-Workshop Information Webinar:

12 February 2026, 11:30 am–12:30 pm

For more information or to express your interest in participating, please contact:

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ABOUT AUSTRALIAN INDUSTRY RENEWABLE HEAT ACCELERATOR

The Australian Industry Renewable Heat Accelerator is a philanthropy backed initiative delivered with support from A2EP. It works with industry to expand renewable heat capability and demonstrate the scalable solutions required to maintain a strong, competitive manufacturing sector.

This study is delivered in partnership with

