



Commercialising Decentralised Compressed Air Energy Storage & Clean Vehicles

Dear reader,

Our business, the Air Future - MDI partnership, is undertaking the Australasian mass commercialisation of the world leading MDI compressed air energy storage and transport, via local manufacture and employment across regional Australia, New Zealand and Pacific Islands.

This innovative commercialisation showcase is the world's first mass rollout, leading to further global replication and adaptation. It is transitioning the technology from the MDI development laboratories in Europe to the Air Future established markets within Australasia. MDI are now focused alongside us on field applications for the burgeoning market demand.

During a comprehensive development period resulting in never before achieved climate abatement capabilities, the United Nations presented MDI the "Empowering the Future we Want" award, Tata Motors consulted during the development, Veolia commissioned waste vehicles now operating on the road, and the World Expo commissioned six Air Trains which ferried visitors around the huge Dubai campus.

In addition clean vehicle models were built, a unique Air Lab laboratory was established to develop decentralised energy storage and scale, and market collaboration has established beyond doubt the huge global opportunity. Now is the ideal time for mass commercialisation of this much needed technology.

Why this technology? The simple answer.

The climate industry expresses that full electrification is the solution to greenhouse gas abatement, and that ultimately it will require 300% the energy provided today. Renewable energy now enables energy to be generated both centrally and decentrally. In both cases they need energy storage because of the intermittency. Central energy however also requires distribution via grid, and is not locational.

Decentralised energy is locational, such as rooftop and microgrids, and similarly to centralised energy, requires scalable capacity, long duration, and affordability. And most importantly reliability, safety, and resilience. No current technologies provide this locationally without compromise of scalability, duration and affordability. Our modular compressed air and thermal energy storage is the only locational solution for decentralised energy, as decentralised energy ultimately moves to provide up to 50% of all energy.

Once this technology is demonstrated, its applications across transport clean vehicles and regional distributed manufacturing become immediately straightforward.

Finding our support. An invitation

Whilst MDI has had a development team of around 30, plus significant partners, and we have many supportive shareholders, our joint commercialising partnership commenced as basically a small Australasian business with a huge opportunity to serve the region commercially, environmentally, and via employment. We reach out and welcome support from communities, industries, and the financial world.

Within our website are documents that explain our capability and advantages across decentralised energy storage, cleaner transport models, regional manufacture and employment, and commercialisation projects. We hope to generate excitement and conviction and invite Australasia and the World to participate with us to help create a cleaner environment and provide affordable and exciting products.

John Mennega, CEO
Air Future Group