

TRANSPORT MODERNISATION VIA CAEV A new era for regional transport & manufacture

- Electrification
- Decarbonisation
- Regionalisation











The Veolia commissioned waste vehicle operating in France





2. CAEV TECHNOLOGY

- Unique tailoring & construction
- Science & engineering
- Weight, size & performance
- Range & maintenance







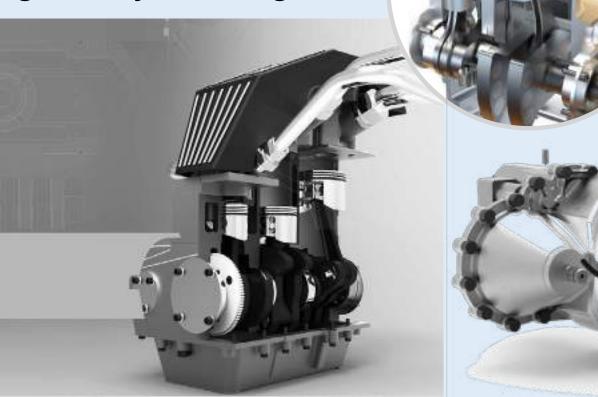




Above: The Research Laboratories

Below:

Left - 2 Cylinder engine Right - 3 Cylinder engine

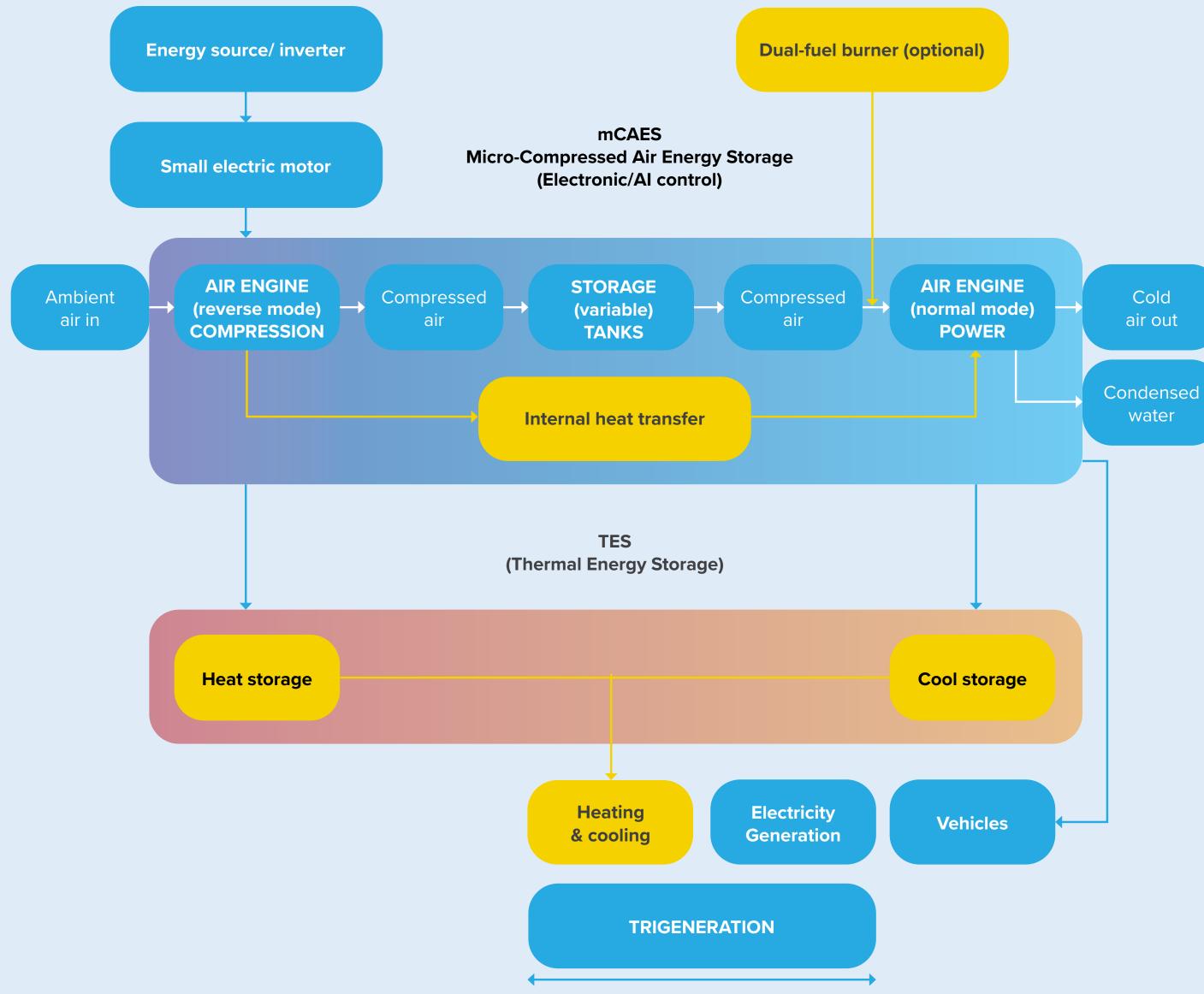






MCAES/TES MODULARITY SYSTEM

- Energy storage, trigeneration, and vehicle propulsion









3. ELECTRIC VEHICLE CHALLENGES - Transitioning ICE legacy to EV

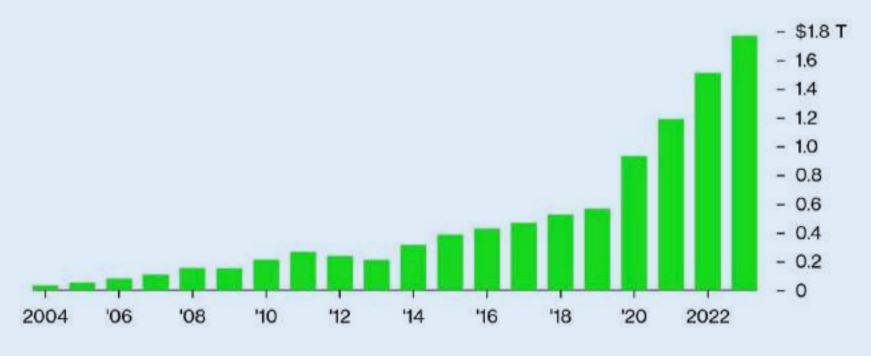
- The overcapacity legacy
- The lagging markets
- **Embedded carbons**



Above: Hertz is selling 20,000 electric vehicles to buy gasoline cars instead

Below: Money should be linked improving regional targets. By 2030 we should be aiming for around 50-60% of new vehicles being EVs





Source: BloombergNEF



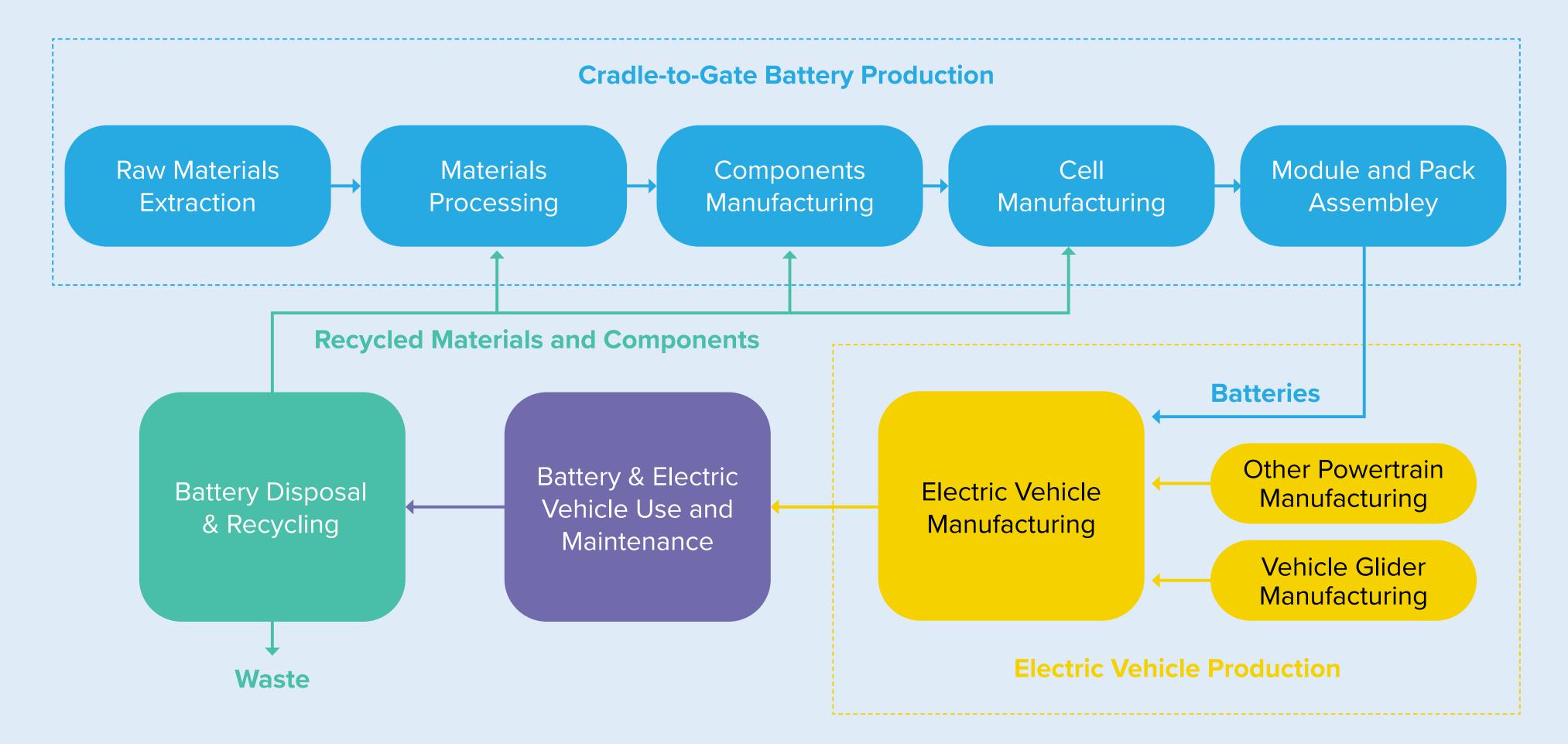


Bloomberg Green



Climate embedded carbons from production

CRADLE-TO-GRAVE LIFE CYCLE OF BATTERIES AND ELECTRIC VEHICLES









4. REGIONAL VEHICLES POTENTIAL - Tailoring regional vehicles for all

- Matching
- Niches
- Volume

The World Expo in Dubai commissioned six commuter trains to transport visitors around the campus

EXPO













AIRFUTURE



Flexible refill designs for very fast refill, plus EV changing networks intended.





5. DISTRIBUTED & REGIONAL MANUFACTURE - Ownership & benefits to the regions

- **Outsourcing manufacture**
- Factory manufacture \bullet
- **Regional industry**















Above: Parts & GreenAir manufacture.









Outsourced manufacture for AirTrain.

AIRFUTURE







6. AUSTRALASIAN SHOWCASE & **GLOBAL REPLICATION**

- Sponsoring new renewables industries
- **Resources & projects**
- **Replicability & adaptability** \bullet
- **Distributed regional resources** \bullet

AIRFUTURE

Business resources structure for speedy traction

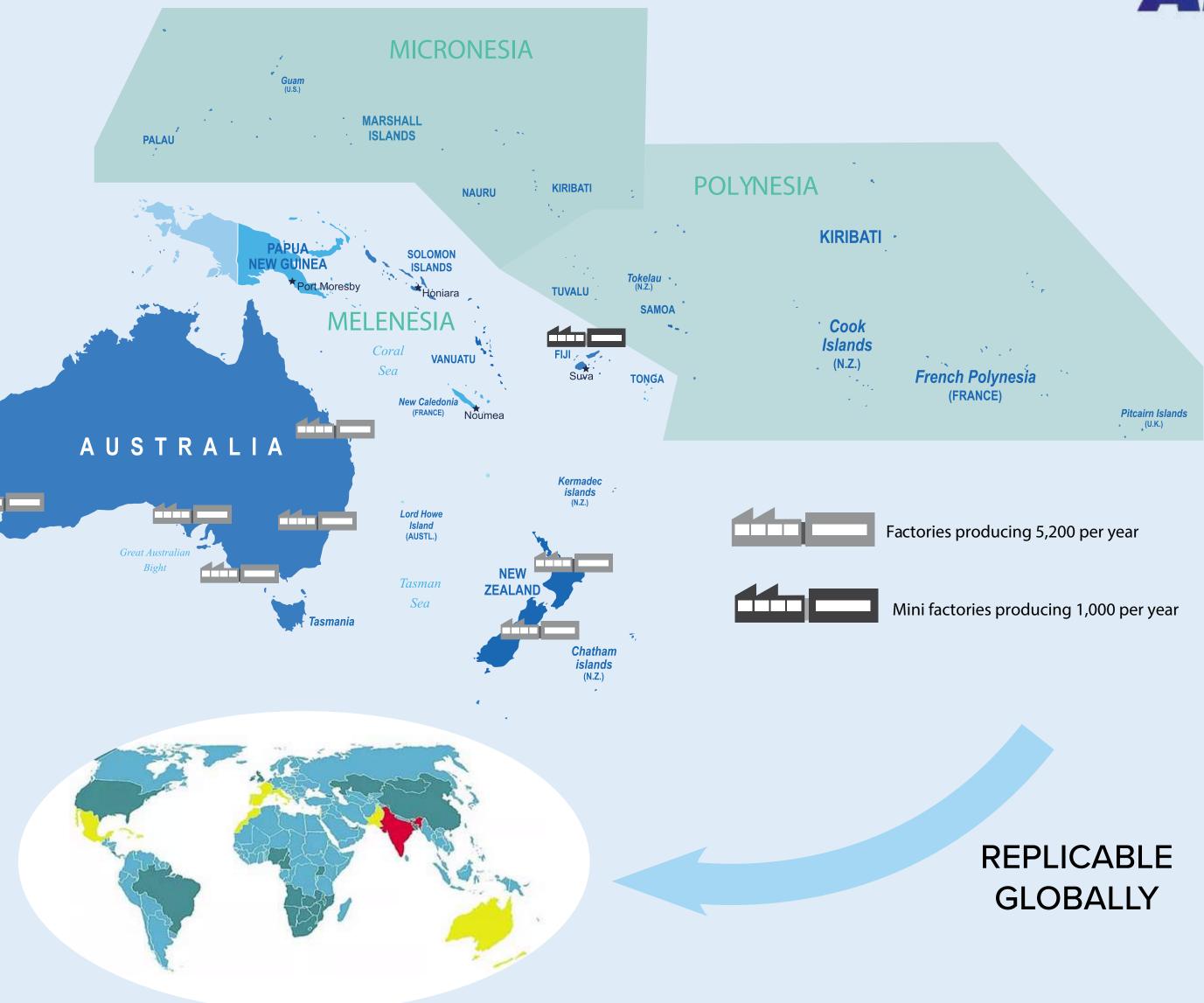




The huge flexibility for cleaning transport.







The huge opportunity for Australasia as a global showcase







THE AIR FUTURE & MDI EXECUTIVES IN THEIR EUROPEAN **COMMERCIAL WORKSHOPS.**



Above: Australian AFG & European MDI in France planning the Australasian showcase.

Above: Chairman Russell Fitts at the wheel of the later Above: CEO John Mennega driving early CAEV on MDI CAEV development model AirPod 2.0 test track in France





