



The Exposé Approach To

Towards Net Zero



What does “Towards Net Zero” Mean?

‘Net zero emissions’ refers to **achieving an overall balance between greenhouse gas emissions produced and greenhouse gas emissions taken out of the atmosphere.**

Getting to net zero means we can still produce some emissions, as long as they are offset by processes that reduce greenhouse gases already in the atmosphere.

Climate change isn’t a tap we can turn off once we stop using fossil fuels. Carbon dioxide, the main contributor to climate change, will stay in the atmosphere and keep heating the planet for years and years.





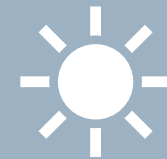
A job far
easier said
than done!

10,000 km



of transmission lines need to
be built which is not only a
huge amount but **expensive**
and **labour intensive**

Storage is the
other critical
piece



This has
not been fully solved yet but
we know that **sunlight is best**
transported as **hydrogen**



The Customer Landscape



Which businesses will benefit from this?



Who will build the required poles and wires?



Which state and federal government departments will run these projects?

What's Next?

(for Australia & the world!)



Hyundai has a low-cost hydrogen fuel cell car



Forklifts already using hydrogen as it takes 3 minutes to refuel



Cars to move to EVs in cities



Trucks to transition to hydrogen



Trains to transition to hydrogen as they have fixed refuelling points



Planes – converting CO2 into airplane fuel



Labelling on goods that show us how much CO2 is emitted in production



And then heavy industry needs to move to hydrogen...



What can we do ourselves immediately?



Use less (no) paper



Reduce our power usage as much as possible (LED bulbs, powering down technology) and install an energy reader/saver. Encourage our landlords to utilise solar



Reduce our travel - and when we do travel, have a policy to pay the few dollars to offset the carbon



Recycle as much as possible



Utilise low emissions travel options to client sites (i.e. electric scooters, walking)



Embrace hybrid working to utilise online collaboration wherever possible



Consider taking public transport over driving but look at car-pooling if you must drive



What can we do ourselves in the not so distant future?



Install solar panels and a battery at your own homes



Buy an EV as they become more widespread (consider salary sacrificing as FBT is not charged)



Participate in group tree planting initiatives across the states



What can we do or are already doing for our customers?



Utilise Microsoft's Sustainability Manager



Assist with emissions reporting



Consolidate data from disparate sources



Create Power Apps for data entry



Integrate with government agencies and supply chains



Utilising our Digital Twin solution towards Net Zero



Conduct environmental impact assessments on cloud computing providers and recommend the most sustainable





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