

Net Zero Carbon Targets and Planning

2022 – 04



NG Services

Energy Optimisation

- Energy Efficiency Audits & Opportunities
- Energy Management Systems
- Feasibility Studies
- Metering and Monitoring
- Measurement and Verification
- Equipment Benchmarking



Environment Certificates

- Carbon, Renewables, Efficiency
- Energy Efficiency Upgrades
- Renewable Energy Certificates
- Project Based Certificates
- Trading: ACCU, VEEC, ESC, STC, LGC, VCU, iREC, CER, TIGR, ...



Carbon Advisory

- Net Zero Pathways
- Carbon Accounting
- Emissions Reporting
- Climate Active Certification
- Abatement Opportunities
- Carbon Strategy



Energy Sourcing & Procurement

- Tender Management
- Contracting Strategy
- Portfolio Management
- Sourcing Offsets
- Account Management



Project Support

- Owners Engineer
- Implementation Support
- Project Advice & Management
- Tender Management
- Project Origination





Global experience, regional knowledge

With offices in Singapore and Australia, Northmore Gordon services clients and projects throughout the APAC region.

Your business must be optimised for the market in which it operates. Our consultants pay attention to each operation and your broader business strategy.

We also help enterprises secure grants and funding opportunities to maximise savings for energy and carbon reduction projects.

Trusted by the world's best

CITY OF SYDNEY 



HITACHI



KOPPERS 

MOLYCOP



Saputo

Sydney
WATER

CCA
COCA-COLA AMATIL

VISY
FOR A BETTER WORLD

Net Zero carbon emissions

Why plan?



The Problem

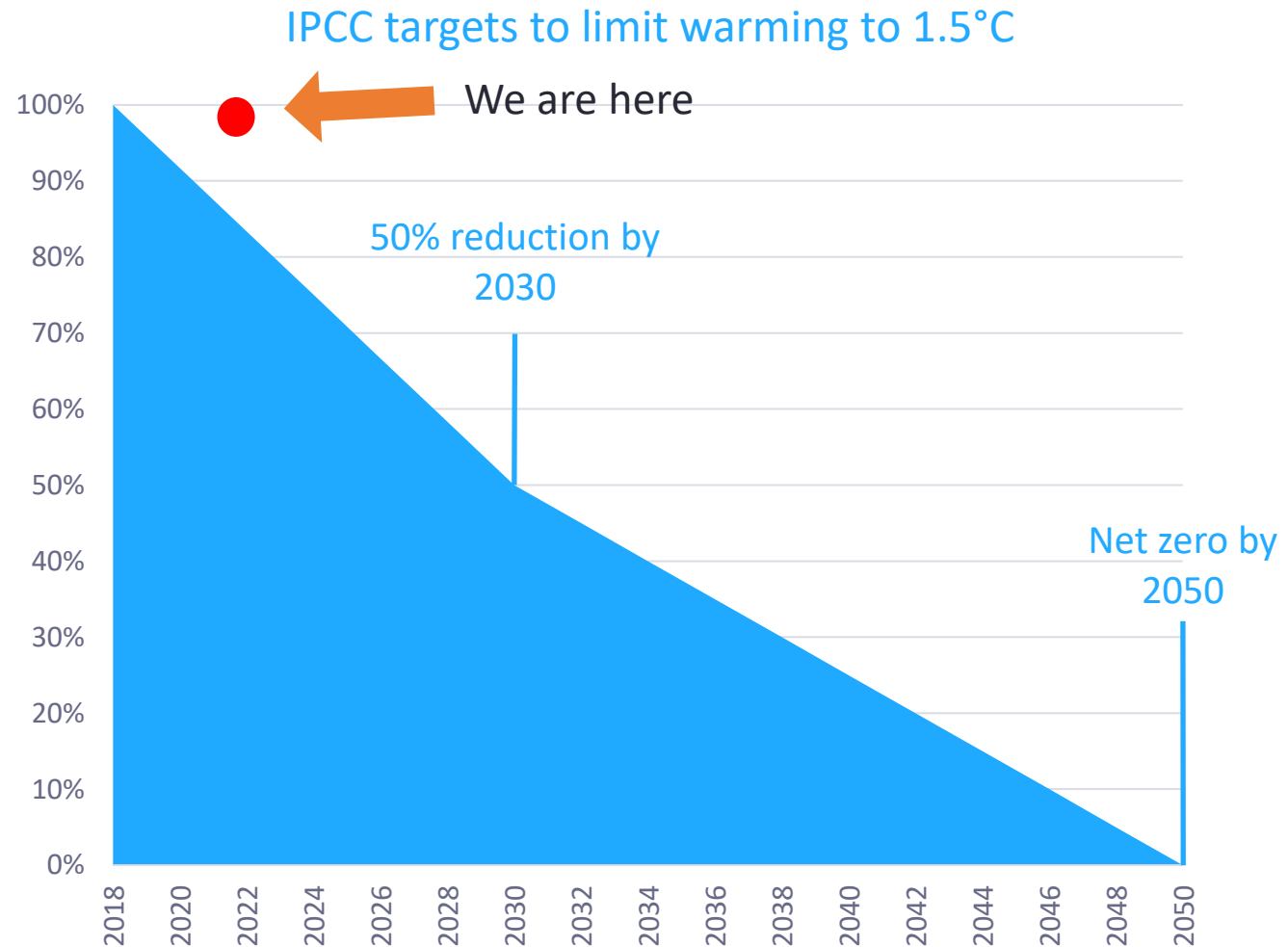
- Climate change is happening, and mankind's emissions are the main contributor
- There are no valid arguments to the contrary
- We must make rapid change worldwide or our society has a bleak future.

IPCC Targets

The Paris Agreement:

- All countries committed to keeping the global temperature change to well below 2 degrees
- To make efforts to prevent a change greater than 1.5 degrees.

Net zero by 2050 will hit a major timing problem technology can't solve.
We need to talk about cutting consumption (theconversation.com)



Why Plan?

Moral obligation
to change
(my driver)

It's good
for the future
of your business

Why Plan (and Act)?

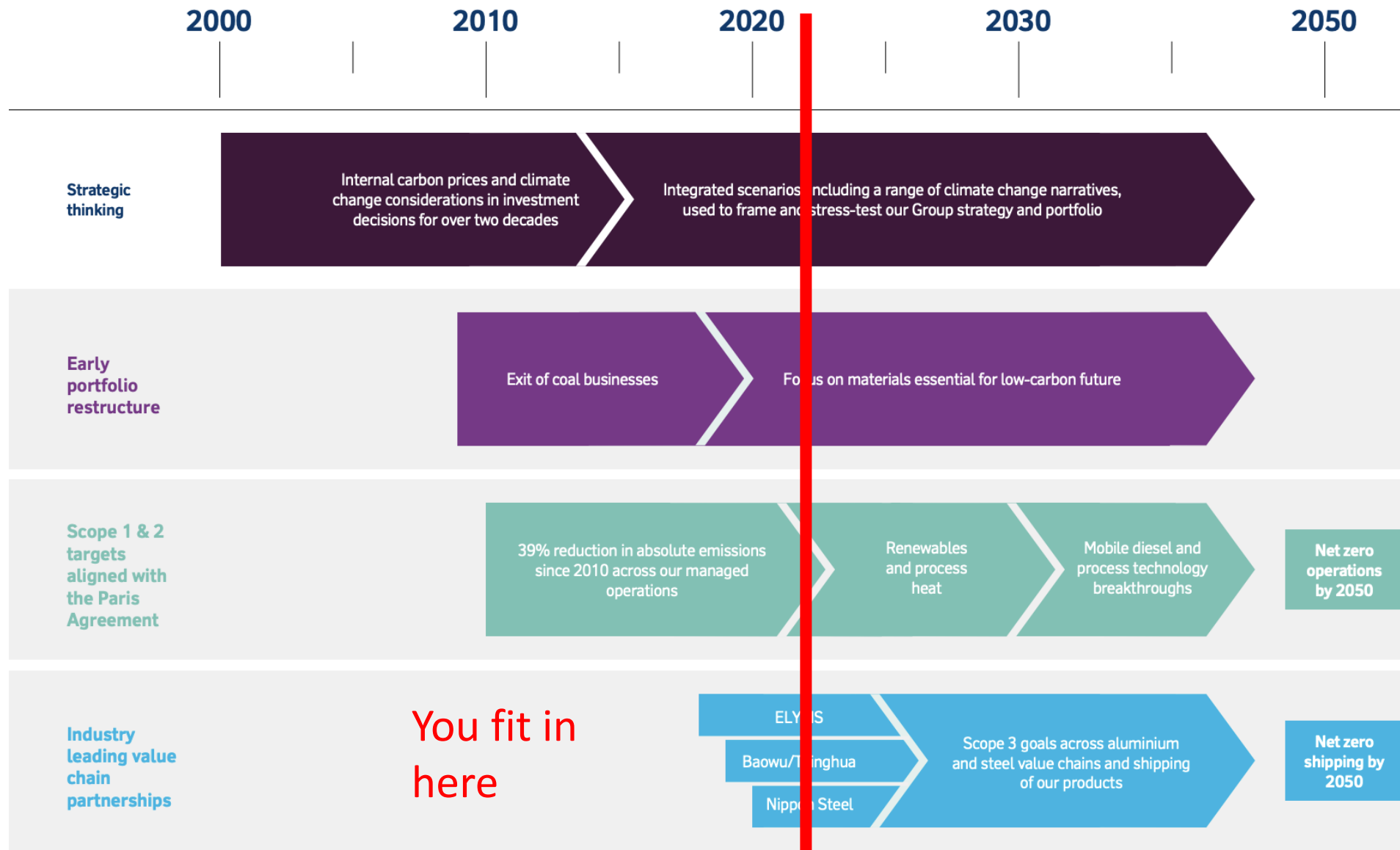
- Competitive advantage in the transition to a low carbon economy
- Resilience against future regulation (incorporate a carbon price into investment decisions)
- Save money
- Drive innovation
- Gain investor confidence
- Future proof your organisation
- Good corporate citizenship

Why Plan?

- Carbon emissions are becoming a business risk
- Electricity (scope 2) but also natural gas, LPG, diesel, petrol (Scope 1)
- Emissions from purchased products and transport, staff driving to work all contribute (Scope 3).
- Currently most enquiries are about scope 1 and 2.



Example: Rio Tinto Targets



Why Plan?

- The EU are planning the implementation of a “carbon border adjustment mechanism” or tariff
- Aimed at protecting European industry from being undercut by cheaper goods made in countries with weaker environmental rules
- US considering similar scheme

<https://www.aljazeera.com/news/2022/3/15/eu-countries-back-plan-for-world-first-carbon-border-tariff>

Reducing Emissions – A Component of Business Competitiveness

- Consumers, retailers, many businesses especially corporates, looking for suppliers with targets and plans
- Some companies have targets of net zero by 2030 (e.g. Bradken).
- As with any aspect of business, you don't want to be left behind.

Example Targets



Net zero greenhouse gas emissions by 2050; Coles Group to be powered by 100% renewable electricity by the end of FY25
Reduce combined Scope 1 and 2 greenhouse gas emissions by more than 75% by the end of FY30 (from a FY20 baseline).

WOOLWORTHS GROUP



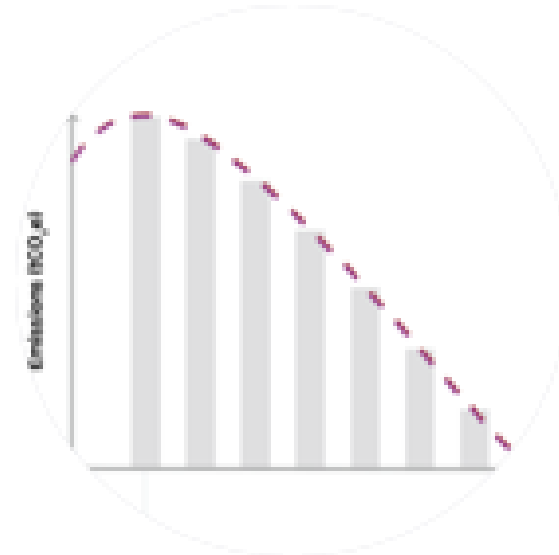
Registered Science Base Target

- Reduce absolute Scope 1 and 2 greenhouse gas emissions by 63 per cent by 2030 from a 2015 base year.
- Reduce absolute Scope 3 greenhouse gas emissions by 19 per cent by 2030 from a 2015 base year.

Next Steps...



Determine your base line year emissions



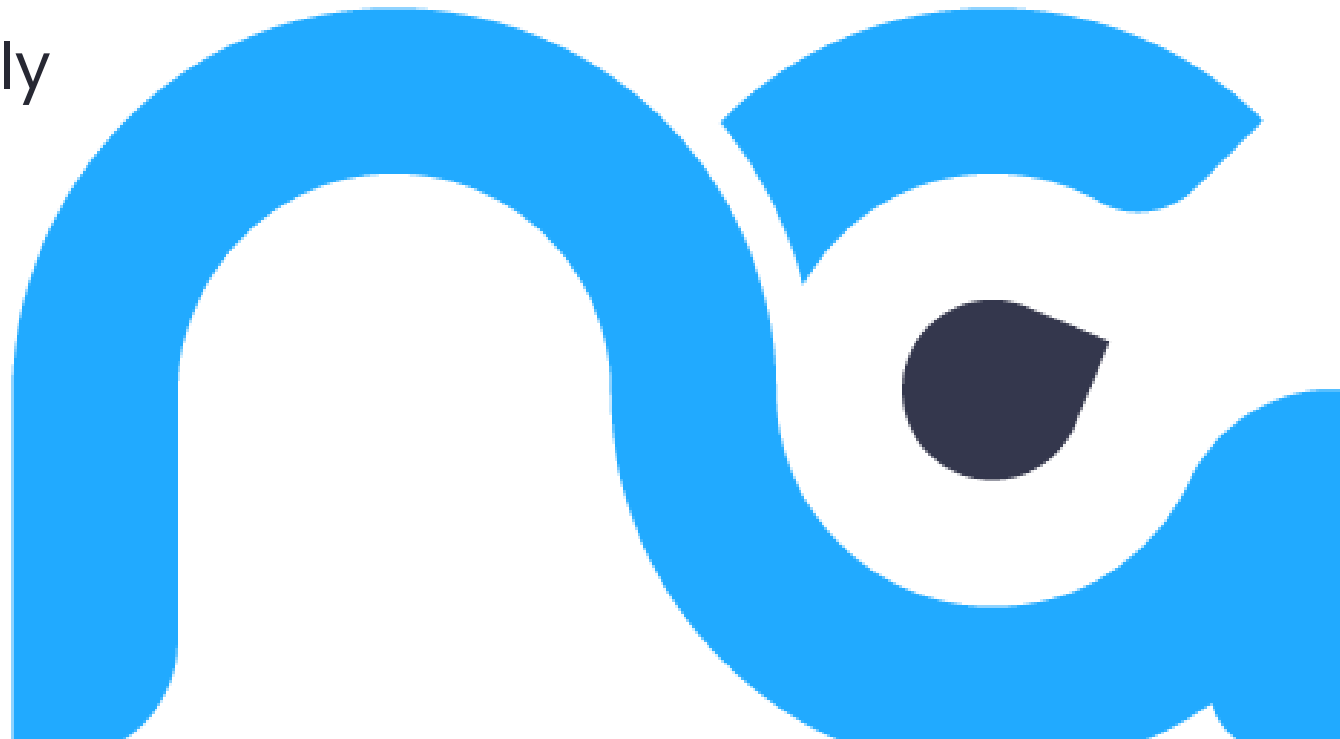
Set a carbon target, either intensity or absolute



Develop carbon strategy to achieve the targets

The End Game

- We need to reduce global levels of CO₂ in the atmosphere.
- If we all target and plan for zero emissions, it will drive the change more rapidly



What to do about it?

- Most businesses represented here are small or medium enterprises
- Specialists who can help, but at a cost. Likely out of the reach for small business
- Jump on our website to get access to information and free high-level assessment
- NG is aiming to help AFI members to reduce energy consumption and emissions
- Potential funding from NSW State government

www.northmoregordon.com

