

**FUTURE
BUILDING
INSIGHTS**
SUMMIT 2019

Pragmatic Sustainability and your Supply Chain

Robin Mellon, CEO

Supply Chain Sustainability School



This session explores the idea that "whole of building/precinct - whole of life" is what matters rather than the attributes of individual elements – or perhaps 'whole of supply chain'.



The last decade has seen a broadening from the more ‘traditional’ definitions of environmental sustainability





Infrastructure



Communities



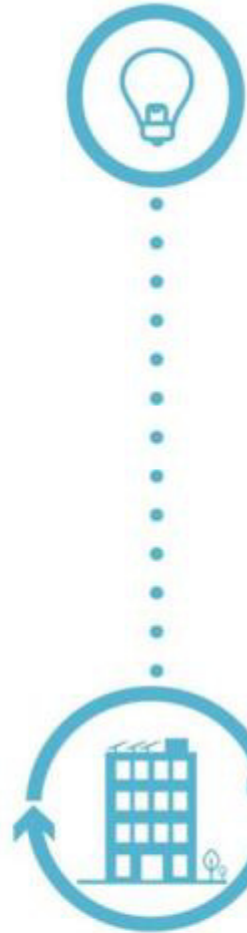
Design



As Built



Interiors



Performance



AIR

WATER

NOURISHMENT

LIGHT

FITNESS

COMFORT

MIND

PLACE | Restoring a healthy interrelationship with nature

WATER | Creating developments that operate within the water balance of a given place and climate

ENERGY | Relying only on current solar income

LIVING BUILDING CHALLENGE 3.0
Seven Petals to Certification

HEALTH & HAPPINESS | Creating environments that optimize physical and psychological health and well-being

MATERIALS | Endorsing products that are safe for all species throughout time

EQUITY | Supporting a just, equitable world

BEAUTY | Celebrating design that uplifts the human spirit

ENERGY PETAL HANDBOOK
MAY 2017

LIVING BUILDING CHALLENGE 3.1
A Visionary Path to a Regenerative Future

INTERNATIONAL LIVING FUTURE INSTITUTE

SUPPLY CHAIN SUSTAINABILITY
SCHOOL





Steady increase in focus on economic sustainability, risk management and resilience



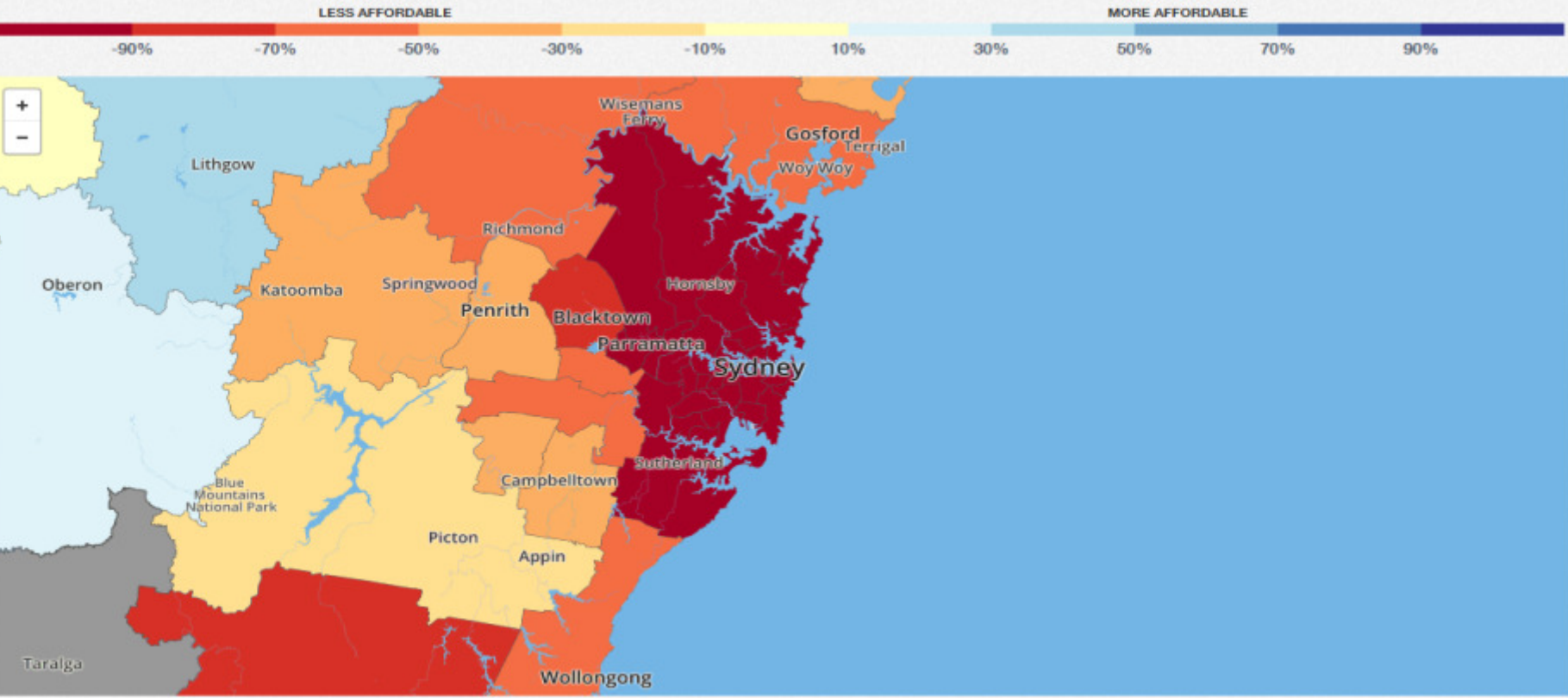
Waverley

PEOPLE AGED 25-34

PEOPLE AGED 35-44

Median Unit Value Waverley	Average Gross Income (Single 25-34 - Waverley)	Estimated Gross Income Required to Purchase Median Priced Unit*	Earnings Difference	Affordable?
\$830,000	\$68,634	\$189,714	\$-121,080 (-176.41%)	NO

The map shows the monetary gap (%) between the average earnings and the estimated minimum earnings required to purchase the median priced home or unit in their LGA.



Victory stars domi

Super Junior drop
teaser MV + indivi

Sterling wants out
Aussie tour

TRENDING NEWS

Comment: W
people have t
left from right
so important)

Dawn Fraser's ap
'nothing', says Ky

The 10 most impo
master in your 30s

Comment: If the L
boat turn backs rig
they exist?

Canadian goes air
lifted by helium ba

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IN SOCIAL

An aerial photograph of Greater Sydney, Australia, showing a dense residential area in the foreground and a city skyline in the distance under a clear blue sky. The text is overlaid on the right side of the image.

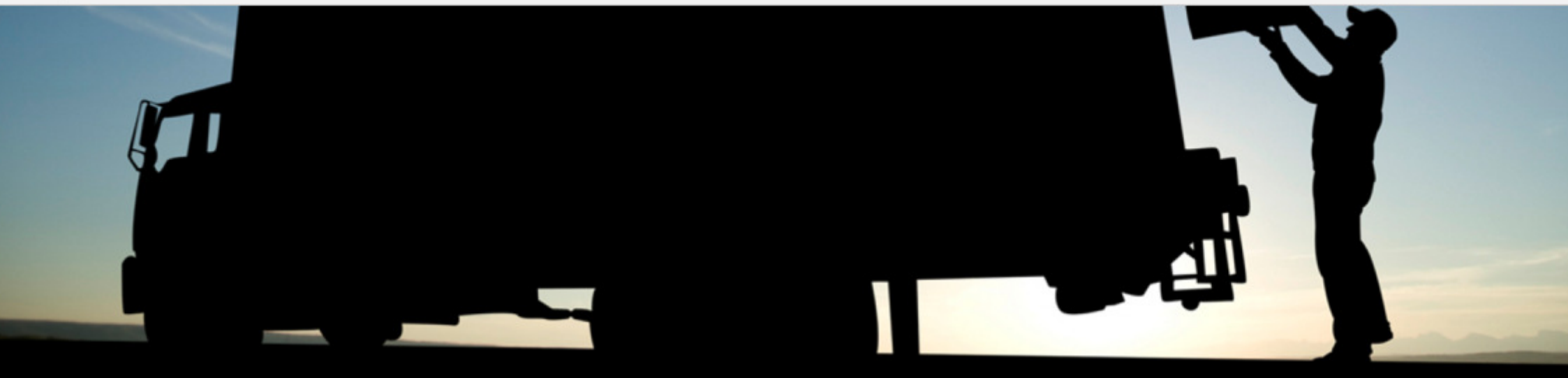
15%

**Greater Sydney
residents below
poverty line**



Key supply chain risks:

- **Strategic**
- **Regulatory**
- **Environmental**
- **Economic**
- **Reputational**



[Home](#) > [All about ISO](#) > [News](#) > [News archive](#) > [You are what you buy – the first International...](#)

You are what you buy – the first International Standard for sustainable procurement just published

By Clare Naden on 21 April 2017



Sustainable purchasing can improve supplier relations – and your business. ISO 20400 for sustainable procurement has just been published to help organizations make sustainable purchasing a way of life.

Related information

[Developing sustainably](#)

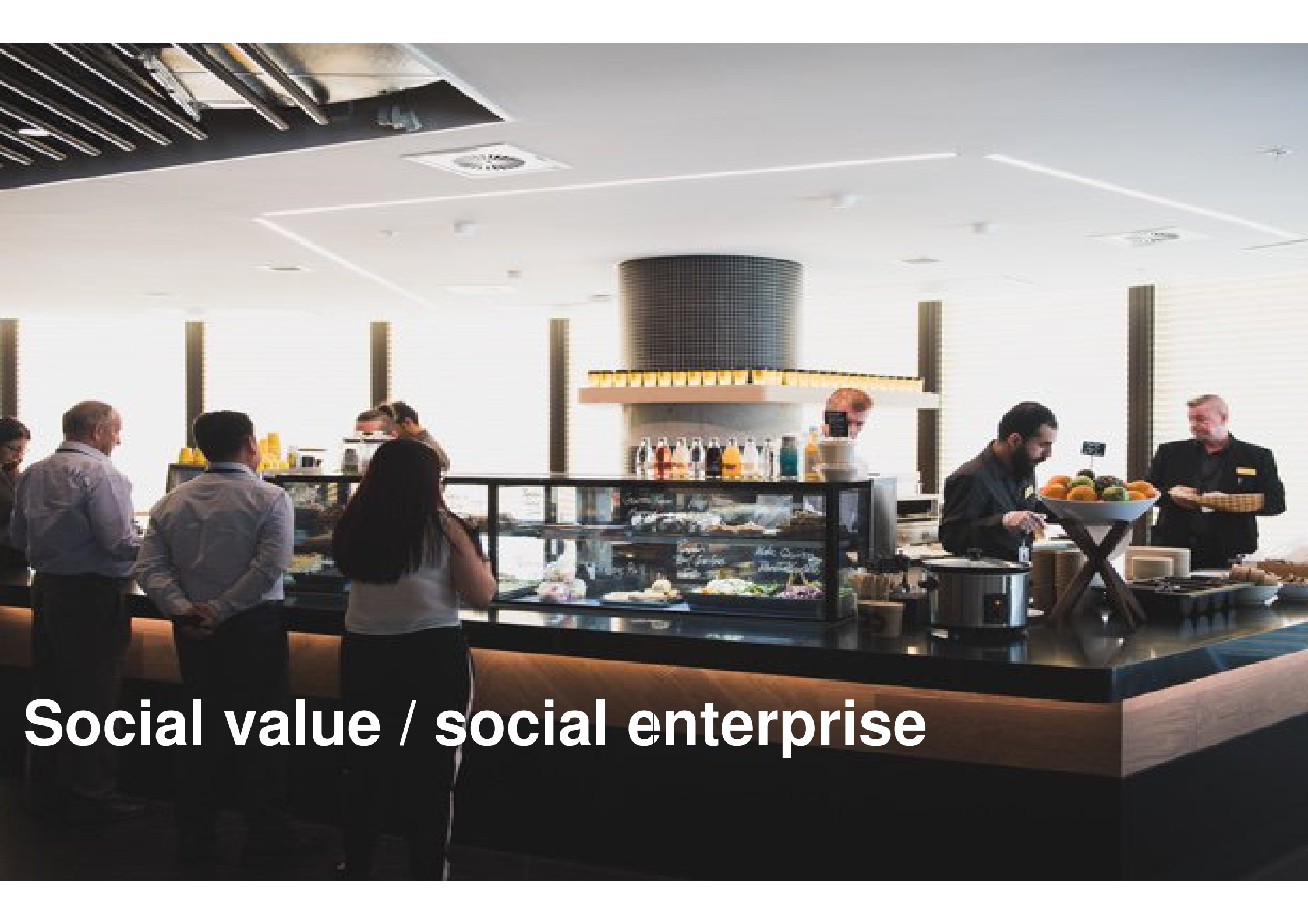
Find out how ISO Standards define responsible business and encourage meaningful growth.








Rapid increase in focus on social sustainability issues



Social value / social enterprise



Modern Slavery in Australian property, construction and infrastructure supply chains

Understanding the risks and relevance

January 2018

SUPPLY CHAIN SUSTAINABILITY

SCHOOL



green building council australia

5 greenstar

Multi Unit Residential
Design v1 2011



Social sustainability:

Health and wellbeing

Fairness, Inclusion & Respect

Diversity & Inclusion

Indigenous Procurement

Local Procurement

Social value & social enterprise

Human rights & modern slavery



Health & wellbeing; projects occupants and supply chain





UNSW
AUSTRALIA

Demolishing gender structures

Never Stand Still

Built Environment, Arts & Social Sciences and Centre for Social Impact

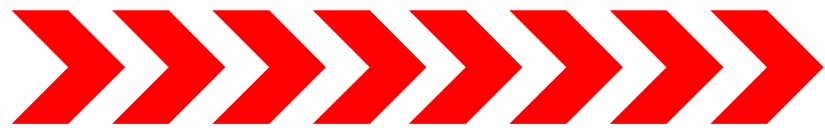
The construction industry is the most male-dominated sector in Australia: in 2016 women represent only 12% of the workforce, a decrease from 17% in 2006 (ABS 2016, ABS 2006). Among professional and managerial roles, women represent 14% of staff (ABS 2012). Men dominate senior 'technical', operational careers, while women congregate in junior, support roles and non-fee-earning professions such as human resources and marketing. Early enthusiasm by women about construction professions and their future careers in the sector decreases with increased exposure to the workplace as they experience relative disadvantage and inequality in pay, development and promotional opportunities compared to their male counterparts (Dainty et al., 2000). These experiences take their toll with women leaving the construction professions almost 39% faster than their male colleagues (APESMA, 2010).



Q - How many people have sustainability targets?

Q - How many people know their supply chains well?

Q - How many people think their supply chains really understand sustainability?



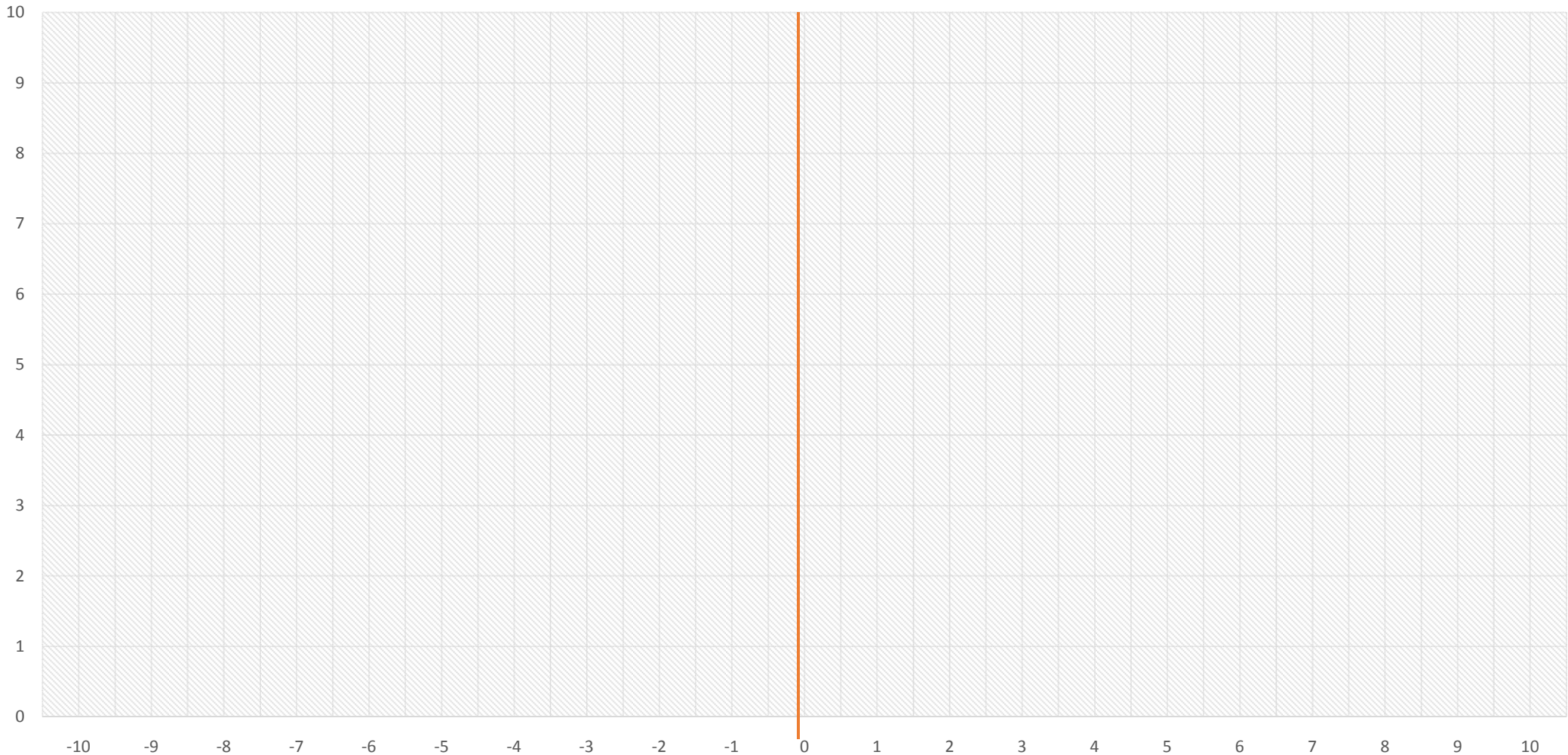
**Some of the trends we are
seeing emerge . . .**

TREND ANALYSIS - LAST TEN / NEXT TEN YEARS

OMG!

IMPORTANCE

Meh...

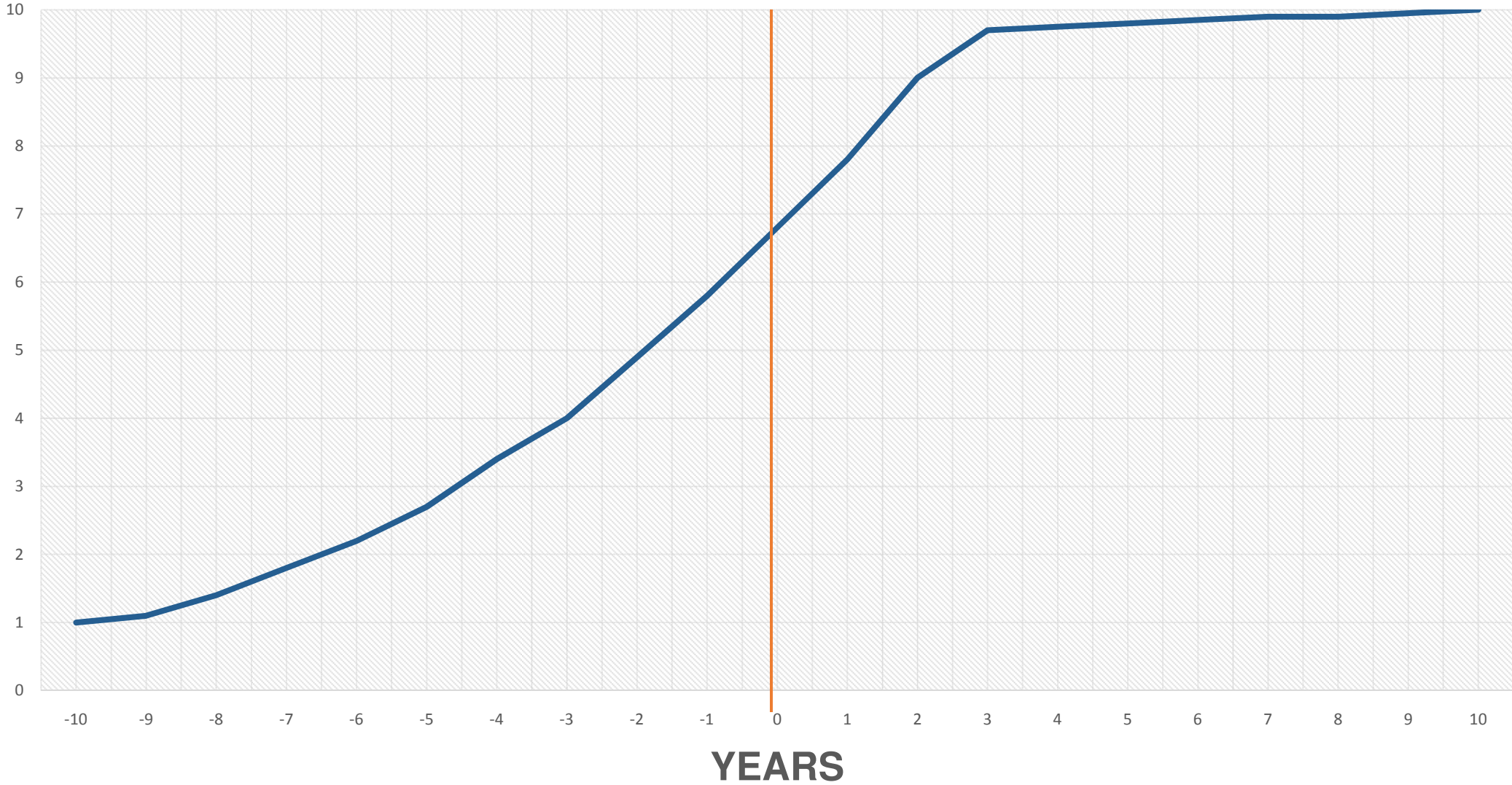


TREND ANALYSIS - LAST TEN / NEXT TEN YEARS

OMG!

IMPORTANCE

Meh...



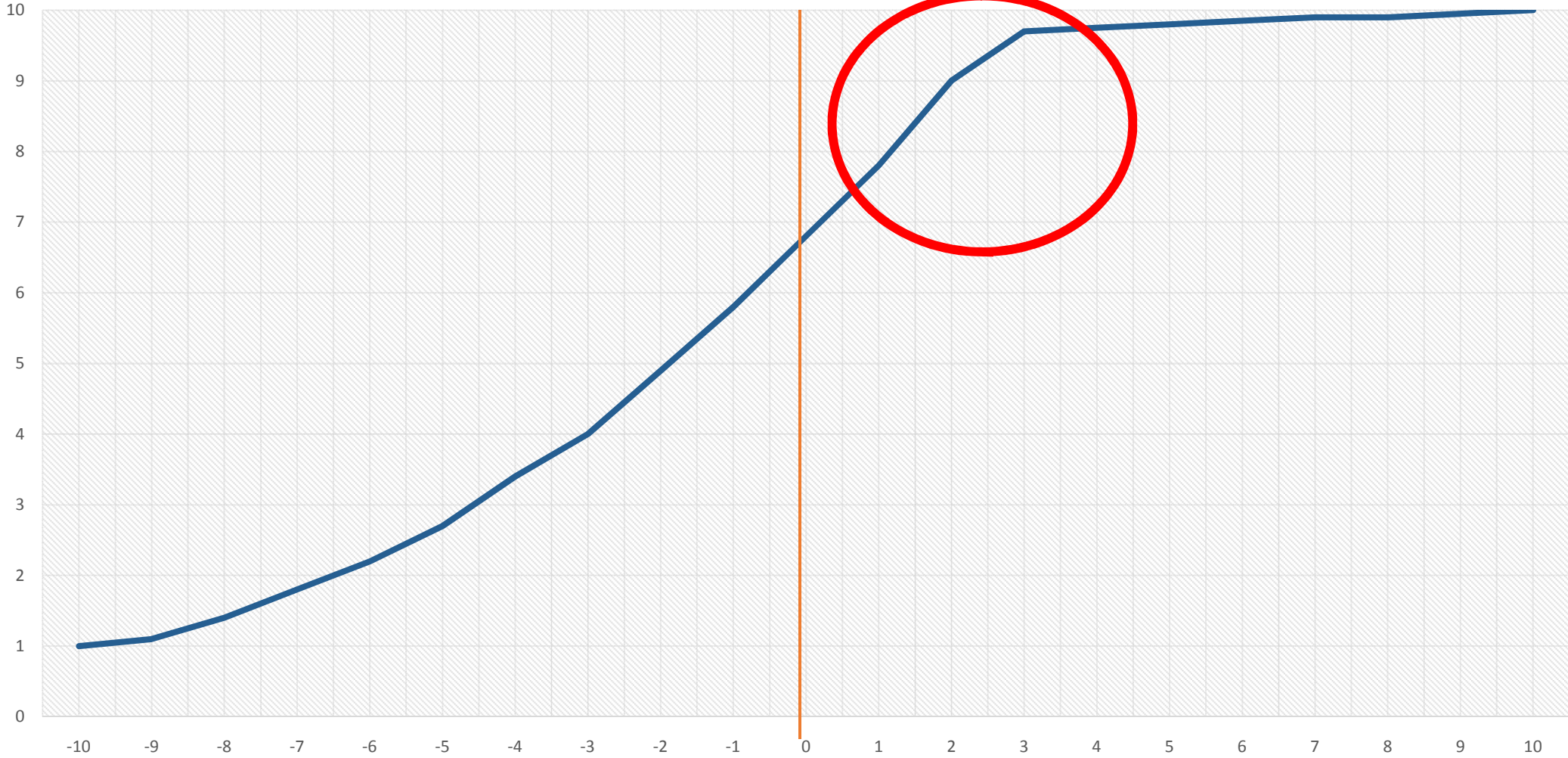
— TECHNOLOGY, DATA & BLOCKCHAIN

TREND ANALYSIS - LAST TEN / NEXT TEN YEARS

OMG!

IMPORTANCE

Meh...



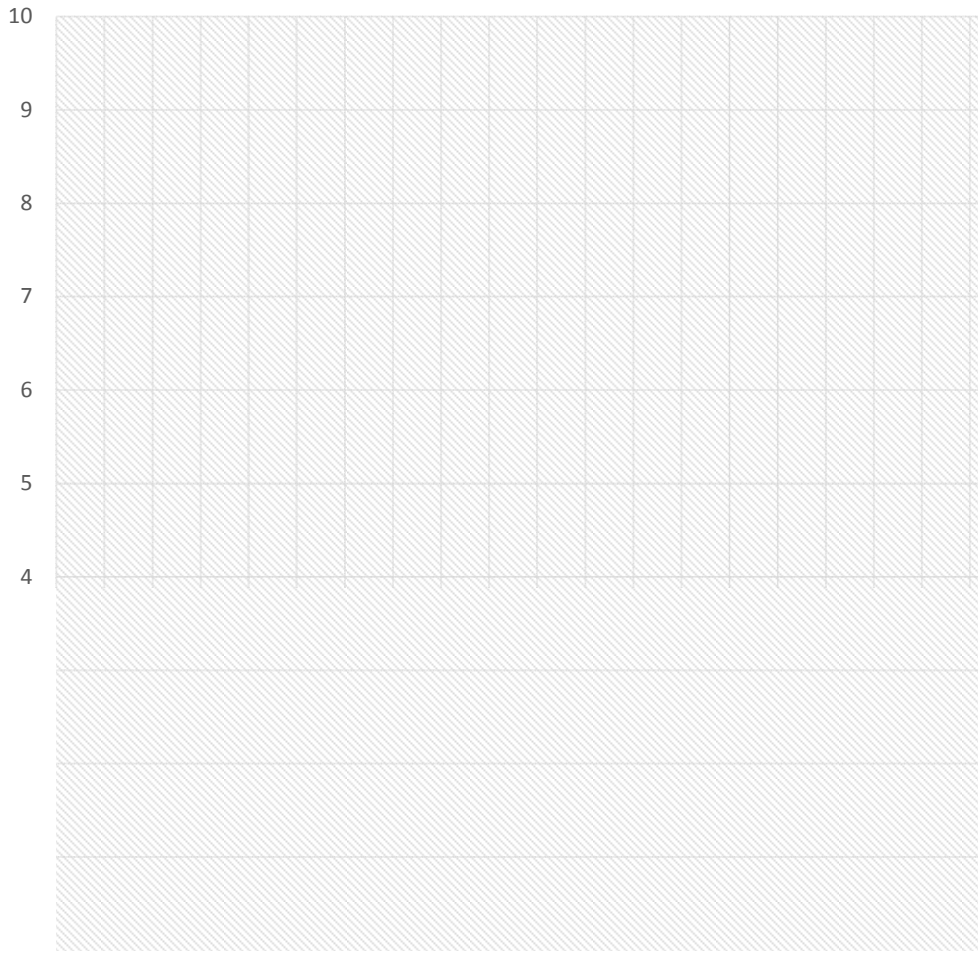
YEARS

— TECHNOLOGY, DATA & BLOCKCHAIN

TREND ANALYSIS - LAS

OMG!

PORTANCE



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For the output format, choose **Optimize For Portability**.

In the **Device Settings** page, make sure the **Available PostScript Memory** is accurate.

Reduce the number of fonts in the document.

Print the document in parts.