The business case for sustainability

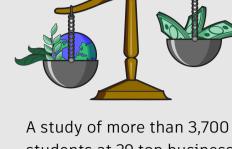
What leaders in Asia-Pacific should know

The manufacturing and construction industries generate nearly 60% of our greenhouse gas emissions.1,2 Making a positive impact on the world is no longer optional, and the widespread adoption of net-zero will soon fundamentally reshape the global economy. Business leaders who prioritize sustainable outcomes are better positioned for growth.

The big picture: sustainability around the globe



world's largest companies believe sustainability is crucial for their future success.3



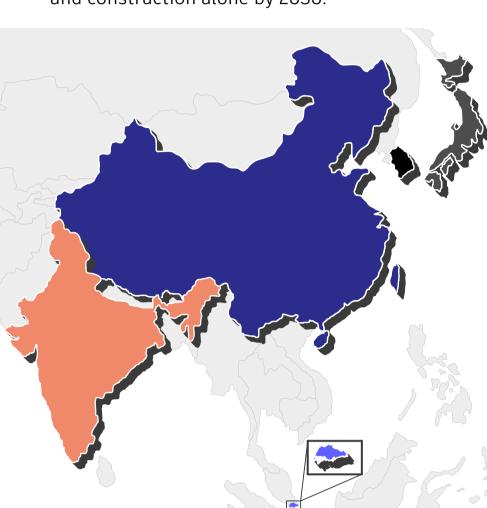
students at 29 top business schools found that 44% of students are willing to accept a lower salary to work for a company with better environmental practices.4



increase in online searches for sustainable goods over the past five years.5

The strategic opportunity: drive business growth in APAC APAC is a key economic bloc globally, contributing to 37% of the world's gross

domestic product.⁶ The region is set to be the fastest growing in infrastructure and construction alone by 2030.7



Japan

by 2050. At COP26, the country also pledged an extra USD \$10 billion over the next five years in overseas climate financing.8,9 South Korea

Japan aims to reach carbon neutrality

package includes a Digital New Deal

and a Green New Deal that will create $1.9 \text{ million jobs by } 2025.^{10}$ China

China has invested USD \$20.46 billion into supporting clean energy¹¹, and

South Korea's US \$144 billion stimulus

more than doubled its construction of new wind and solar power plants in 2020.12 At COP26, China also announced a joint declaration with the US to tackle emissions.13



India

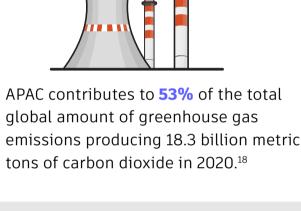
investment boost.14 India has also promised to generate half of its electricity from renewables by 2030.15 Singapore Singapore has invested USD \$1.8 billion to promote

of legislation and subsidy involving ministries from education to trade, transportation, and the environment.¹⁷

Australia

Australia allocates \$1.1 billion USD to its Modern Manufacturing Strategy, which promotes high-quality, sustainable manufacturing throughout the region. Australia has also developed its Waste Policy Action Plan, so waste products like construction debris can be utilized for building roads.¹⁸

environmentally sustainable projects. 16 Singapore also launched its Green Plan 2030, a government-wide program



The benefits of sustainability adoption for APAC leaders



82% of Asia-Pacific consumers say

that companies must be transparent

about their environmental impact.¹⁹



of firms agree that embracing

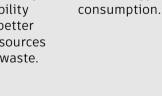
of firms have

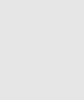
found project

quality has

improved.







their energy

of firms reduced

The complicating variable? Time



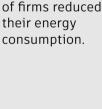
of firms have

found project

of firms agree that embracing



APAC has fallen behind the 2030 targets set by the UN's Agenda for Sustainable Development.20







are investing in



their carbon offsets.18

CO2

are reducing

Join the movement: build a more sustainable business today

by up to 20%, or how digital solutions can save the average utility company up to a billion dollars here.

Learn how BIM can reduce waste

are investing in

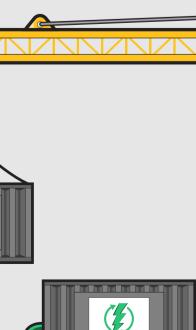
sustainability.18

technology to improve

The Embodied Carbon in Construction Calculator (EC3) helps estimate the overall embodied carbon emissions

of a project. Discover how generative design can help firms manufacture

1. https://architecture2030.org/why-the-building-sector/



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lightweight products and reduce waste here. Learn more about sustainability in APAC.



Sources:

- 7. https://www.bloomberg.com/press-releases/2021-08-16/construction-equipment-market-generated-180-billion-revenue-in-2020apac-to-be-the-fastest-growing-region-by-2030-says-p-s https://www.weforum.org/agenda/2021/01/japan-climate-change-carbon-neutral-2050
- 9. https://www.reuters.com/business/environment/japan-increases-climate-decarbonisation-adaptation-funding-pledges-2021-11-02/10. https://www.undp.org/blog/south-koreas-green-new-deal-year-transition
- 11. https://www.rengypolicytracker.org/country/china/ 12. https://www.reuters.com/business/sustainable-business/china-doubles-new-renewable-capacity-2020-still-builds-thermal-plants-2021-01-21/ 13. https://www.state.gov/u-s-china-joint-glasgow-declaration-on-enhancing-climate-action-in-the-2020s 14. https://energy.economictimes.indiatimes.com/news/renewable/india-uk-agree-1-2-billion-clean-energy-investment-boost-at-economic-and-financial-dialogue/85870516
- https://www.bbc.com/news/world-asia-india-59125143 16. https://www.seetao.com/details/89128.html 17. https://www.greenplan.gov.sg/
- 18. https://damassets.autodesk.net/content/dam/autodesk/draftr/16805/autodesk-apac-sustainability-research-final.pdf 19. https://www.ey.com/en_sg/consumer-products-retail/how-to-win-asia-pacific-consumers-in-the-new-era 20. https://economictimes.indiatimes.com/news/international/world-news/apac-not-on-track-to-achieve-sdg-goals-by-2030-may-realise-10-per-cent-of-target-un-report/articleshow/81528587.cms?from=mdr