

Green Economy: Opportunities and Challenges

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Green Economy

What is it?

- A low carbon, resource efficient and socially inclusive economy
- Focus on developing new technologies, markets, infrastructure and skills

Why is it relevant?

- Improve well-being and social equity in the face of rising environmental risks

Opportunities & Challenges - Macro



Opportunities

- Innovation, commercialization and job creation in low-carbon products, services and technologies
- A more resilient economy capable of withstanding and adapting to the rising frequency of climate related economic shocks



Challenges

- Financing for investments in new technologies
- Managing transition risk
- Developing a supportive governance incentive and regulatory architecture

Opportunities & Challenges - Micro



Risks (if poorly managed)	Change	Opportunities (if well managed)
Higher direct costs / loss of competitiveness	Regulatory Intervention	Operational Flexibility
Write down / offs of stranded assets, increased insurance costs	Business Transition	New growth industries, business model innovation
Legal challenge / liabilities	Expanded Fiduciary Obligations	Integrated governance and risk management delivering long term business value
Consumer backlash boycotts, reputational damage	Increase Burden of Stakeholder Management	Enhanced reputation 'capital' and support from key stakeholders

Singapore 5 Pillars Green Plan 2030

City in Nature

- 50% more land for nature parks by 2030
- a million more trees across Singapore by 2030

Energy Reset

- 5x solar energy deployment 2030
- Clean energy in all vehicles by 2040
- 3 million tonnes less greenhouse emission per year by 2030

Sustainable Living

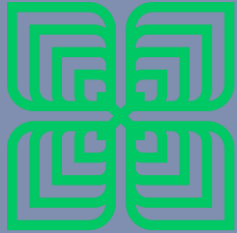
- 30% less waste sent to landfill by 2030
- 10% less water consumption
- Expand rail network to 360 km

Green Economy

- Enterprise Sustainability Programme
- leading Green Finance
- promote R&D in green solutions

Resilient Future

- physical defences to protect our coastlines
- 30% locally produced food by 2030



Singapore
Green
Finance
Centre

Who we are:

An initiative of Imperial College and Singapore Management University, backed by the Monetary Authority of Singapore and leading global financial institutions

What we do:

Conduct multidisciplinary research and talent development in Sustainability, Climate and Green Finance to support and transform businesses in Singapore and the Asian region

Thank you