

SUSTAINABILITY SOUTHEAST ASIA

Southeast Asia remains poised to be one of the fastest-growing regions in the world. However, with such rapid progress comes the need to carefully calibrate this growth sustainably by taking into account the needs of the environment.





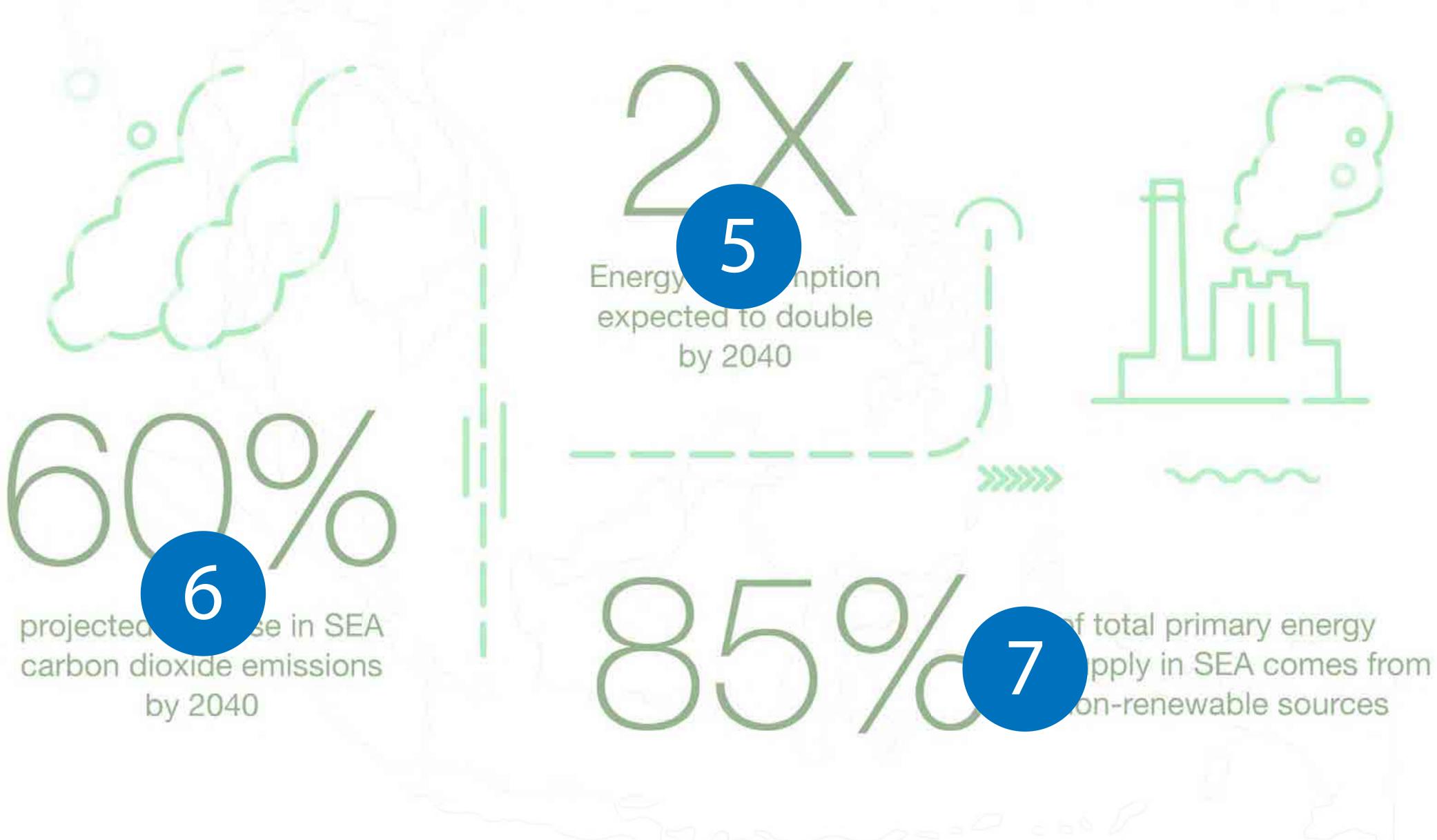
Climate change challenges of Southeast Asia

Southeast Asia makes up about 20% of the world's biodiversity and 10% of its population. Remaining on course for 4.8% growth in 2021 despite COVID-19, it retains its allure as one of the fastest-growing regions in the world.

This growth however, comes with a warning. Southeast Asia's energy consumption has jumped by more than 80% since 2000 and is expected to double by 2040. Projections reveal an increase in carbon dioxide emissions of about 60% by then.



SOUTHEAST ASIA







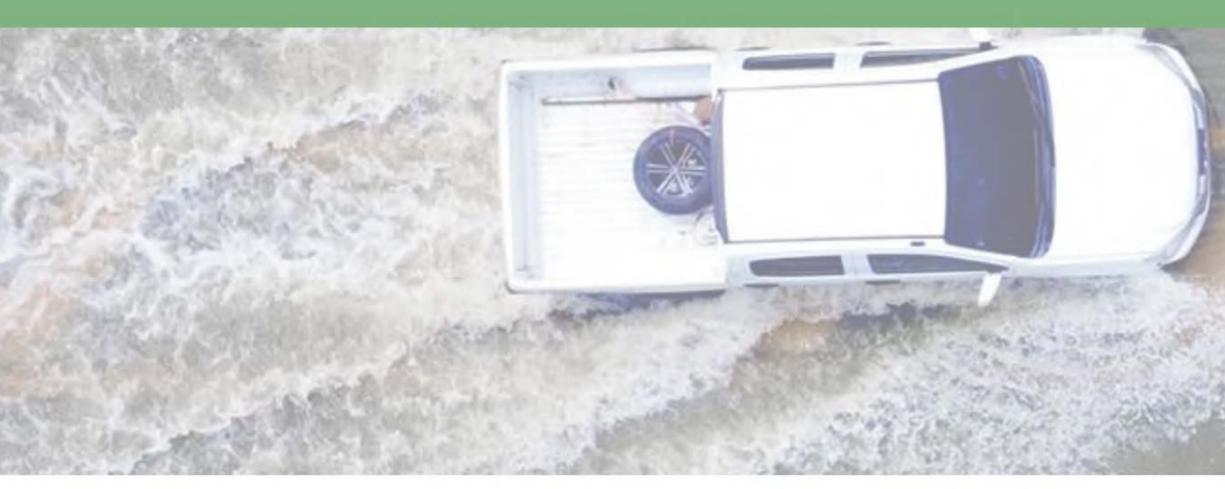
The people of Southeast Asia have seen first-hand the threat of climate change and environmental degradation, as multiple floods threatened livelihoods in 2021. Without significant changes in the next decade, Southeast Asian

This is a worrying development given the region's overwhelming dependence on non-renewable sources for

primary energy supply.

nations will incur a loss equivalent to US\$22.5 billion in GDP as a result of flooding.





Efforts for sustainability in Southeast Asia





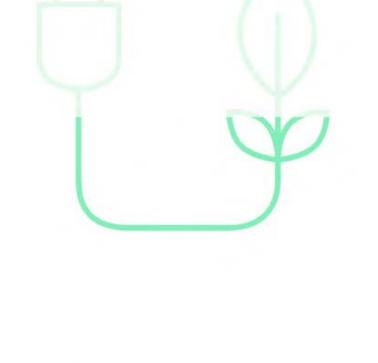
nations signed the Paris Agreement. ASEAN followed up with a target of securing 23% of the region's primary energy from renewable sources by 2025. Large payoffs await the region as it pivots to a more sustainable

Having recognised climate change as a regional threat, all ASEAN



approach. Southeast Asian economies could experience up to US\$1 trillion in annual economic opportunities by 2030 from new growth areas for sustainability. There are multiple ways to unlock the region's green economy.

Transitioning from non-renewable energy into sustainable sources is an ongoing endeavour. Governments in Southeast Asia have prioritised solar power to displace fossil fuel in the most recent development plans - in particular, with rooftop solar power.



a key role as well. Digital supply chains, paired with automation and analytics, can help to lower carbon footprints. Using big data to re-invent a city into a green and connected

Improving a nation's logistics sector to become more efficient plays

sustainable growth. Southeast Asia is progressing well on this front, with smart cities flourishing in Singapore, Vietnam and Indonesia. These initiatives require long term commitment from the public sector as well as the private sector. This push for sustainable

sanctuary plays an important role in the region's drive for

growth is a goal that can unite the entire region to improve lives for everyone for decades to come.

pledges to secure 23% o. on's primary energy from renewable sources by 2025

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