

## **MEDIA RELEASE**

**8 SEPTEMBER 2020**

### **EMA Launches Challenge For Energy Efficiency Solutions To Help Companies Go Green**

As part of the nation's efforts to tackle climate change, the Energy Market Authority (EMA) is launching the inaugural Singapore Energy Grand Challenge (SEGC) for the Industry and Research Community.

2. The SEGC's twin objectives are to enhance business competitiveness and lower Singapore's carbon footprint. It seeks novel solutions that could improve the energy efficiency of local businesses by 50% by 2030 in three key areas, namely:
- the development of energy efficient technologies,
  - optimisation of industrial and commercial processes, and
  - digitalisation to help Singapore businesses improve their energy efficiency.

3. Participants may also propose other areas of focus that could contribute towards greater energy efficiency for businesses. Selected entries will receive a grant to bring the project to fruition. (Please see Annex A for an infographic on the SEGC.)

4. "Improving energy efficiency is a key part of Singapore's Energy Story. A collective effort to manage our energy demand supports our aim of creating a more sustainable, reliable and affordable energy future. I look forward to the innovative solutions that will help businesses become more energy-efficient and competitive" said Dr Tan See Leng, Second Minister for Trade and Industry. (Please see Annex B for more information on Singapore's Energy Story.)

5. In the spirit of co-creating innovative ideas, SEGC participants are encouraged to collaborate with industry, business partners and consumers to develop solutions that can be commercialised, and benefit companies across different sectors.

6. On this, Mr Ngiam Shih Chun, Chief Executive of EMA said, “This inaugural Challenge sets an ambitious goal of improving the energy efficiency of businesses by 50% by 2030. I believe this is achievable when industry players, the research community and consumers come together to co-create workable solutions that could benefit businesses, contributing towards a more sustainable energy future.”

7. More details on the SEGC are found at <https://ema.gov.sg/industry-segc.aspx> and participants must submit their proposals by 1 December 2020, 12 noon. The SEGC is in line with the Singapore Together initiative, which aims to create a shared future for Singapore through closer partnerships between the government and the people.

8. Earlier in March this year, EMA launched the Singapore Energy Grand Challenge (Youth) using a game-based learning platform - Microsoft’s Minecraft: Education Edition. Students were invited to submit their vision of an energy efficient school or neighbourhood in Singapore in 2050. The top three teams stand a chance to win cash prizes of up to \$10,000 and winners will be announced in October 2020.

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### **About the Energy Market Authority**

The Energy Market Authority (EMA) is a statutory board under the Ministry of Trade and Industry. Our main goals are to ensure a reliable and secure energy supply, promote effective competition in the energy market and develop a dynamic energy sector in Singapore. Through our work, EMA seeks to forge a progressive energy landscape for sustained growth.

Website: [www.ema.gov.sg](http://www.ema.gov.sg) | Follow us: Instagram: @EMA\_Singapore | Facebook: [facebook.com/EnergyMarketAuthority](https://facebook.com/EnergyMarketAuthority) | Twitter: @EMA\_Sg

## **About Singapore Together**

Singapore Together is about the Government working with Singaporeans, and Singaporeans working with one another, to build our future Singapore. The Government will open up more partnership opportunities for Singaporeans to participate. The Government also hopes to support more citizen-led efforts. Whatever our background or interests, we can each step forward to contribute in areas that we care about. By working together, we can turn diversity into strength and transform challenges into opportunities, to build a Singapore that present and future generations of Singaporeans will be proud of. For more information, visit [www.singaporetogether.gov.sg](http://www.singaporetogether.gov.sg).

## Infographic on Singapore Energy Grand Challenge (Industry and Research Community)



More details on the challenge can be found on



<https://ema.gov.sg/industry-segc.aspx>



**FACTSHEET FOR SINGAPORE'S ENERGY STORY**

To tackle climate change concerns, Singapore has to change the way we consume and produce energy. Minister for Trade & Industry, Mr Chan Chun Sing launched Singapore's Energy Story at the Singapore International Energy Week (SIEW) last October to map our efforts towards a clean, affordable and reliable energy future.

2. Singapore's Energy Story sets the vision for how Singapore can power our future through four switches (Natural Gas, Solar, Regional Power Grids and Emerging Low-Carbon Alternatives), supported by efforts to improve energy efficiency across all sectors.

**1st Switch: Natural Gas**

Natural gas is the cleanest form of fossil fuel and will continue to be a dominant fuel for Singapore's electricity in the near future. EMA will continue to diversify our gas sources and work with our power generation companies to improve the efficiency of their power plants.

**2nd Switch: Solar**

Solar is the most promising renewable energy source for Singapore. Energy storage systems is also vital as it helps us counter the intermittency of renewable energy sources. Singapore is working towards meeting a new solar target of at least 2 gigawatt-peak by 2030, and an energy storage deployment target of 200MW beyond 2025.

**3rd Switch: Regional Power Grids**

We are studying ways to leverage on regional power grids for cost-competitive energy. This could be realised through bilateral cooperation or regional initiatives.

**4th Switch: Emerging Low-Carbon Alternatives**

We are exploring emerging low-carbon solutions (e.g. carbon capture, utilisation and storage technologies, hydrogen) that can help reduce Singapore's carbon footprint.

We will continue to improve our energy efficiency in the various sectors. We will also empower our households with more information to help them better manage their electricity consumption.

Visit [www.beyondthecurrent.gov.sg](http://www.beyondthecurrent.gov.sg) for more information on Singapore's Energy Story.

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