

SUSTAINABILITY

WE ARE COMMITTED TO CREATING A BETTER WORLD FOR FUTURE GENERATIONS

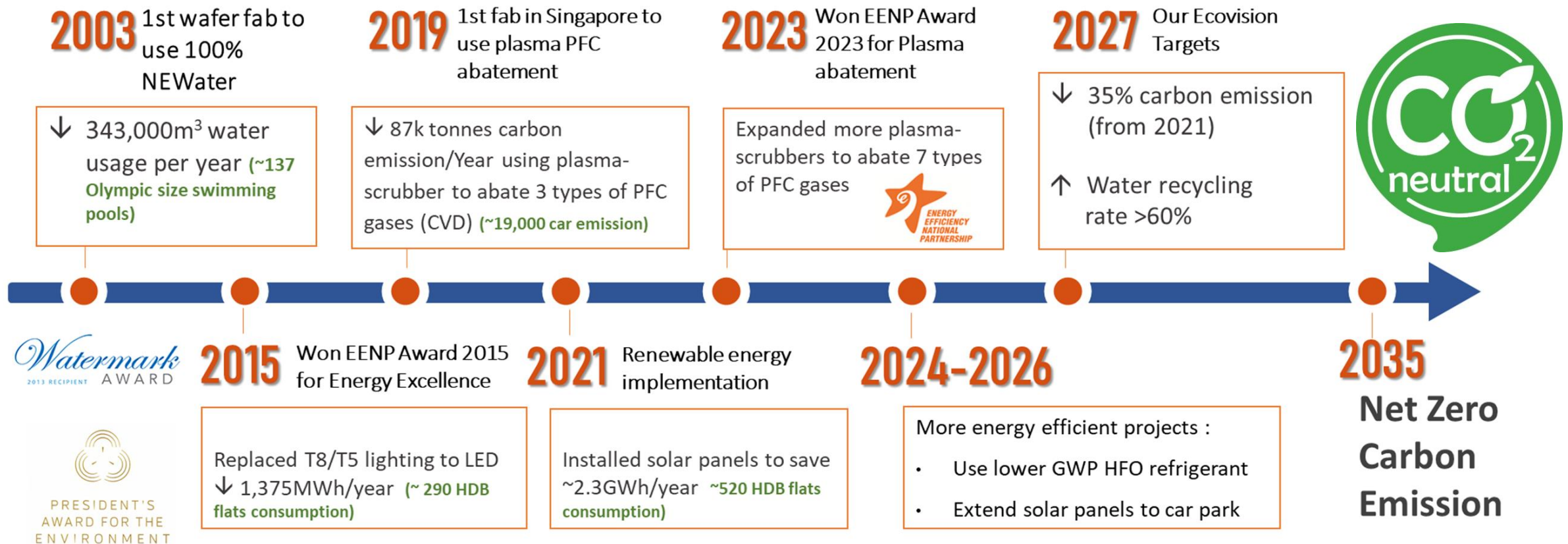


In line with our Vision for a Better Future, SSMC is committed to responsible & sustainable manufacturing. Reducing water consumption & recycling, switching to Green Energy and carbon emission reduction are part of our ECO-Vision.

In 2023, SSMC continued to heighten efforts in environmental awareness, social and community outreach activities. We continued deepen our diversity, equity and inclusion efforts as well in the community we operate in and to offer opportunities for everyone to grow.

SSMC SUSTAINABILITY ROADMAP

OUR GOAL IS TO ACHIEVE NET ZERO CARBON EMISSION BY 2035



SUSTAINABILITY

SSMC is recognized by the National Environment Agency with the Top National Award for Best Practices in the Energy Efficiency National Partnership 2023



Dr Amy Khor, Senior Minister of State for Sustainability and the Environment of Singapore presented the EENP Award to SSMC

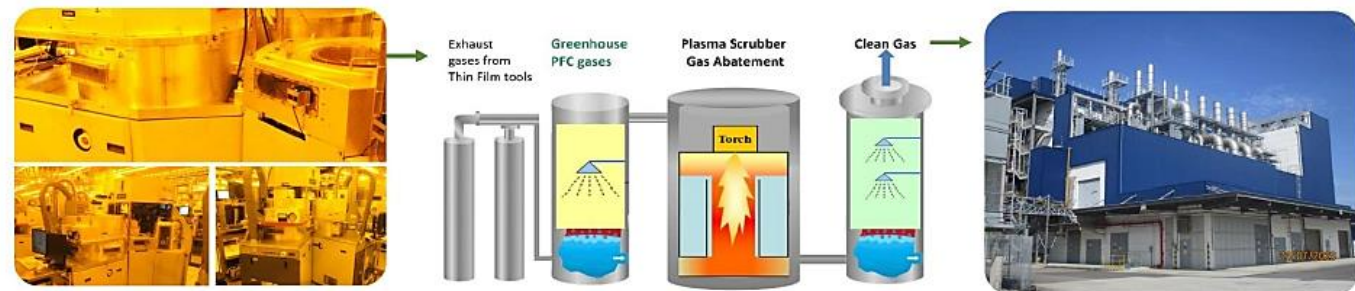


EENP AWARD 2023 (BEST PRACTICES)

SSMC continued to make very good progress in decarbonization. In October 2023, we were awarded the EENP Award for Best Practices, for being the 1st wafer fab in Singapore to pioneer Plasma Scrubber Gas Abatement technology, which significantly reduced the emission of high Global Warming Potential (GWP)-Perfluorocarbons (PFC) waste gases by up to 95%. This translated to a net abatement of approximately 87,000 tonnes of CO2 emissions per year, which is the equivalent carbon emissions of 19,000 cars. Through an innovative enhancement of the scrubber system design, SSMC also improved the PFC waste gas destruction efficiency.



Award Winning Project: PFC Gas Abatement in Semiconductor Manufacturing Plant



With the new plasma scrubber system, Net Carbon Abatement achieved ~ 87,000 tonnes of CO2 per year

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BEACH CLEAN UP AT PASIR RIS PARK

On 19 May 2023, SSMC organized a beach clean-up at the Pasir Ris Park, together with students from the GIIS (Global Indian International School). In total, 170 'environmental heroes' collected more than 230kg of litter from the beach. Other than removing marine litter from the environment, it is also hoped that the young students whom spent the time with our employees on this meaningful activity would learn & appreciate the importance of keeping the oceans clean to enable a thriving marine ecosystem.



LORONG HALUS WETLAND EDUCATIONAL TRAIL

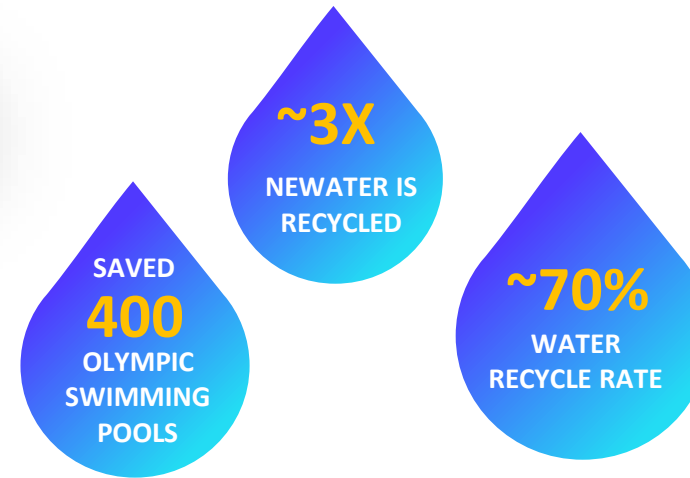
In collaboration with PUB, SSMC organized an educational trail to Lorong Halus Wetland, on 6 October 2023, to reinforce our ESG goals and highlight SSMC's commitment to environmental stewardship. The wetland showcases the synergy between technology and nature in their wastewater treatment. SSMC recognizes the importance of preserving Singapore's water resources and will continue to pursue water conservation initiatives to be a leading eco-friendly semiconductor manufacturing company.



SUSTAINABILITY

SSMC MAKES EVERY WATER DROP COUNT

For the past two decades, SSMC has been an active advocate & practitioner of responsible & efficient water usage and conservation to protect the scarce resource & the environment. SSMC will continue to focus on innovative projects, lead by example and inspire others in the industry and the community to adopt responsible water usage practices.



Deputy Prime Minister of Singapore, Lawrence Wong, and Minister Grace Foo (Ministry of Sustainability & Environment) in a photo with 50 SSMC staff at the 2023 Singapore International Water Day.

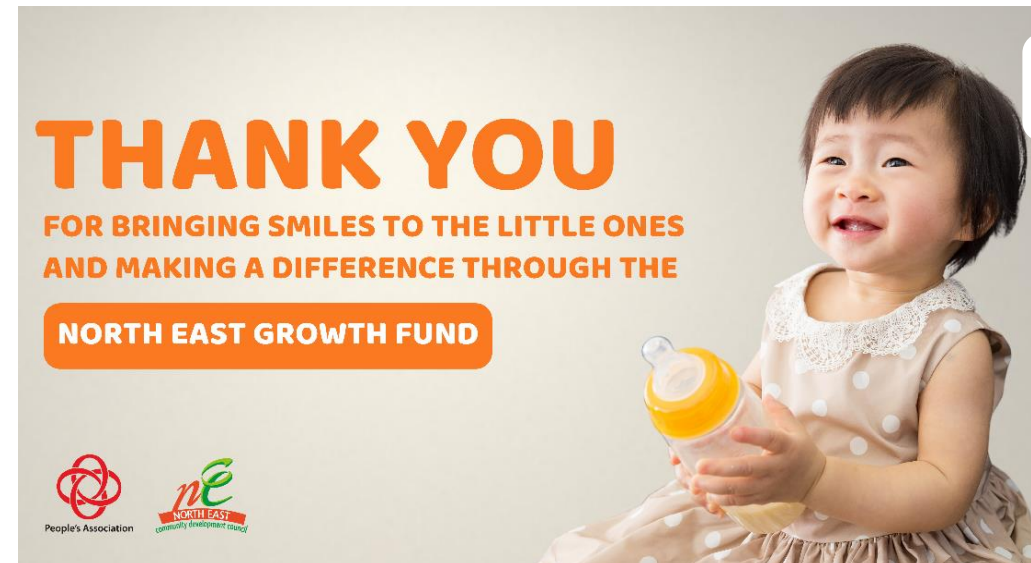
Making a Positive Difference in the Community

SSMC FUND RAISING FOR TURKEY & SYRIA EARTHQUAKE RELIEF



A donation drive was carried out on 28 February to 1 March 2023, to help victims impacted by the Turkey and Syria Earthquake Disaster. A total of S\$15,000 were raised and conveyed to the Singapore Red Cross to support and aid the victims.

SSMC SUPPORTS CHILDREN COMMUNITY FUND



In May 2023, SSMC together with our community outreach partner North East Community Development Council (NE-CDC) and other donors, raised funds to support young children from low-income families to buy milk, diapers and daily essentials for more than 300 children.

Cultivating Future Talent in the Community

WORLDSKILLS ASEAN SINGAPORE 2023



In July, SSMC participated in the WorldSkills ASEAN Singapore 2023 by giving a career talk themed “Semiconductor Transforms the World”. The insightful talk enabled students from the National Junior College to better appreciate the exciting challenges & opportunities in the semiconductor industry. It is hoped that the talk inspired these students to pursue a fulfilling career in the semiconductor industry & to help build a talent pipeline for the industry.

VALUED INTERSHIP PARTNER WITH SINGAPORE POLYTECHNIC



SSMC is honoured to be recognized & awarded by Singapore Polytechnic (SP) as a Valued Internship Partner in March 2023. SP appreciates SSMC for offering effective internship programmes to attract & develop young talents with relevant engineering skills to gain a head start in the semiconductor industry.



INTERNS APPRECIATION DAY: During the students’ internship journey, they received hands-on experience, coaching from their mentors, feedback on the work and the areas of improvement. They are encouraged to think out of the box and share their ideas.

SSMC's JOURNEY OF TRANSFORMATION CONTINUES...



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