ECOTILE

NGEE ANN POLYTECHNIC

PROJECT OBJECTIVES

This project aims to design a modular solution to harness energy from the Sun that can be fully integrated into today's modern landscape, while complementing existing sustainable systems and infrastructure.

PROJECT SUMMARY

Without solar farms and wind farms, how can space-limited Singapore find new ways to generate clean energy? In the search of a sustainable and land-efficient way to generate power, the ECOTILE team has invented a method of harvesting heat from roads, the top of buildings and the surface of the sea, and turning it into electricity.

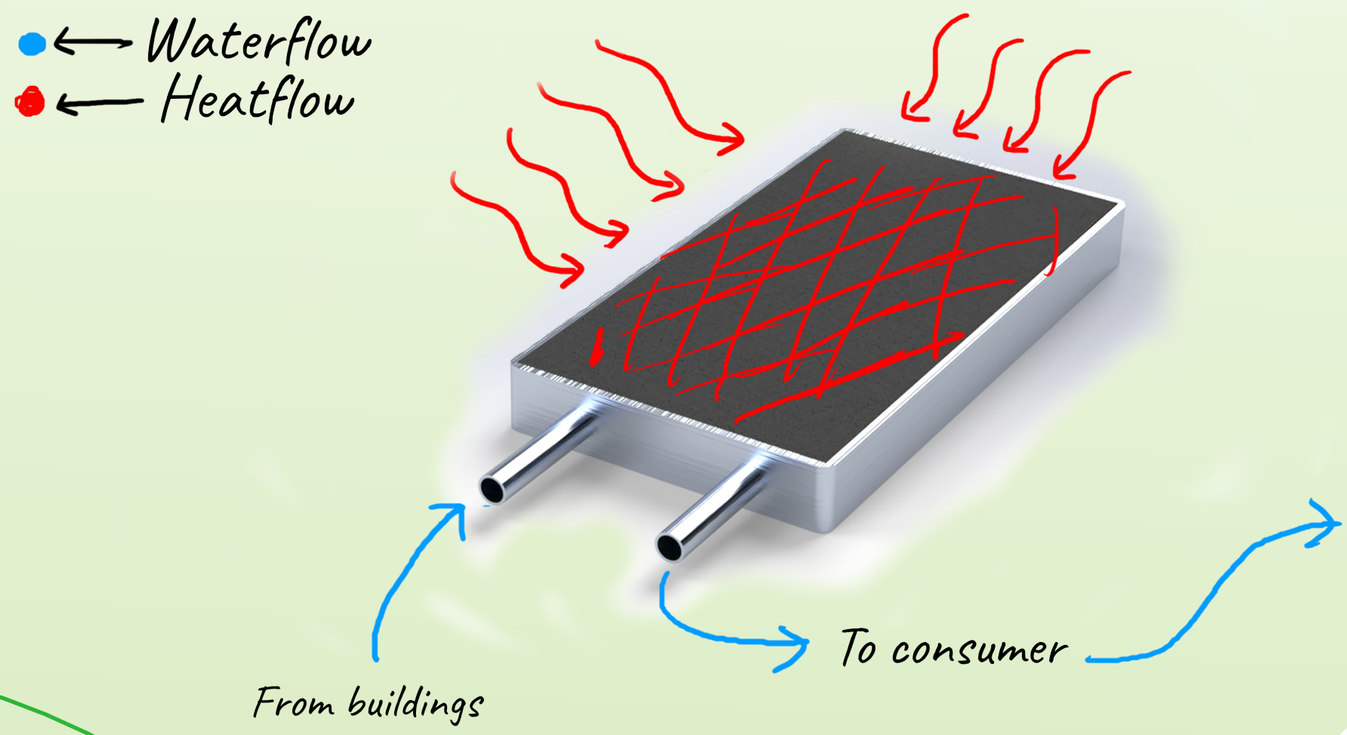
PROJECT OUTCOMES

Our goal is to increase the types of green energy devices available for the world to use, as some green energy devices like wind turbines are not feasible for use in Singapore. So far, we have come up with three products and have won the most innovative solution award for the Youth Action Challenge.

EcoTile

a very 'power'-full tile

The ECOmpany



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POWERING LIVES

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