

MEDIA ADVISORY
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Caleb Liow Jia Le and Johnny Xiao Hong Yu receiving their medals from H.R.H. Crown Princess Victoria of Sweden during the award ceremony at World Water Week in Stockholm (Photo credit: SIWI)

TEAM SINGAPORE WINS THE PRESTIGIOUS STOCKHOLM JUNIOR WATER PRIZE 2018
Their winning formula of using durian rind and sugarcane bagasse to produce a low-cost material to purify water impresses international judges

Singaporean students from Hwa Chong Institution win top prize in Stockholm

Lien Foundation, Sembcorp Industries and Ngee Ann Polytechnic are National organisers for the Singapore Junior

Singapore, 30 August 2018 — Hwa Chong Institution (HCI) students, Caleb Liow Jia Le and Johnny Xiao Hong Yu, were presented the Stockholm Junior Water Prize at an award ceremony at the World Water Week in Stockholm, Sweden on Tuesday, 28 Aug 2018. The team represented Singapore to vie for the international prize, after coming in first (along with a third team member, Ho Shane) at the Singapore Junior Water Prize, organised by Ngee Ann Polytechnic, the Lien Foundation and Sembcorp Industries, and supported by PUB, Singapore's National Water Agency.

After beating a total of 34 teams in the Singapore Junior Water Prize national finals earlier in May this year, Caleb and Johnny were sent on an all-

Water Prize with support from PUB, Singapore's National Water Agency.

This is the second win for Team Singapore at the Stockholm Junior Water Prize Competition. In 2012, a team from Anderson Junior College brought home the first win for Singapore.

expenses paid trip to Stockholm to take part in the international finals of the Stockholm Junior Water Prize.

The team took home the trophy for developing a new method to produce reduced graphene oxide (rGO), a material that has huge potential to purify water. Using durian rind and sugarcane bagasse the students found an environmentally friendly and low-cost method for producing rGO.

The students received a USD 15,000 award and a blue crystal prize sculpture, awarded by H.R.H. Crown Princess Victoria of Sweden, the Patron of the Stockholm Junior Water Prize. HCI, the winning school is also awarded a diploma and USD 5000.

This marks Singapore's second win at the international Stockholm Junior Water Prize competition, since its participation in 2008. In 2012, students from Anderson Junior College were awarded for their project which uses clay to remove and recover pollutants from laundry wastewater.

About Singapore Junior Water Prize

The Singapore Junior Water Prize (SJWP) Competition has been held annually since 2008. SJWP is organised by the Lien Foundation, Sembcorp Industries and Ngee Ann Polytechnic, and supported by PUB, Singapore's National Water Agency.

The aim of this Competition is to provide young scientists with the opportunity to participate in an experiential journey to understand and appreciate water-related issues and propose impactful solutions which can be applied for the general good of mankind. The winning team from Singapore goes on to compete against winners from all other participating countries to vie for the top prize at the prestigious Stockholm Junior Water Prize, held annually in Sweden.

<https://www.np.edu.sg/sjwp>

About the Stockholm Junior Water Prize

The Stockholm Junior Water Prize goes to the winners of an international annual competition with more than 10,000 entries from all over the world. The competition brings together young people between the ages of 15 and 20 who have conducted water-related projects of proven environmental, scientific, social or technological significance. This year, 48 national finalists from 32 countries competed in the international final held during World Water Week in Stockholm.

<http://www.siwi.org/>

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Hi-res images can be downloaded from:

https://www.flickr.com/photos/siwi_water

About Ngee Ann Polytechnic

Ngee Ann Polytechnic started in 1963 and is today one of Singapore's leading institutions of higher learning with 15,000 enrolled students in over 40 disciplines. It seeks to develop students with a passion for learning, values for life, and competencies to thrive in a global workplace.

<http://www.np.edu.sg>

