



MEDIA RELEASE

NANOPAC WON THIRD PLACE IN GRAND FINAL OF IPIEC GLOBAL 2018



Guangzhou, December 13 – Nanopac Group has won a prestigious third placing in the Grand Final of IPIEC Global 2018, which is an annual innovation contest featuring a total of 1,285 participating technologies from 23 countries. This technology pitching contest is an innovation contest that helps IP owners, SMEs, startups, researchers, and innovators to realise their dream to bring intellectual property (IP) innovations to enter China market. It is accredited as part of the Maker in China contest series guided by the Ministry of Industry and Information Technology of the People's Republic of China (MIIT), supported by Department of Industry and Information Technology of Guangdong Province and Industry and Information Technology Commission of Guangzhou Municipality, and jointly organized by China International Cooperation Association of Small and Medium Enterprises, MIIT Information Center, WTOIP, and Chamber of Commerce of Guangzhou Industrial Parks.

Prior to advancing to Semi Final stage, Nanopac competed intensely with the best technologies in South-East Asia regions in IPIEC Global (ASEAN Chapter) in October 2018 and finished as one of the two selected Global Top 30. In the tough Semi-Final contest, out of thirty preliminary winners, Nanopac emerged as a Global Top 10 winner, and advanced to the Grand Final stage. At the nail-biting Grand Final stage, Nanopac battled fiercely against world's best technology from countries such as China (Hong Kong), United States of America (USA), United Kingdom, Germany, Russia, Israel, Korea, Switzerland and Australia, and subsequently finished with an impressive Global Top 3 placing. With this accomplishment, Nanopac created history by being the first Malaysian representative to achieve Global Top 10 and Global Top 3. The Grand Final judging panel consisted of 7 distinguished investors and international entrepreneurs including Mr. Fu Chengyu, Former Chairman of Sinopec Group, Mr. Wang Shen, Vice President of China Construction Bank (CCB), Mr. Niu Wenwen, Founder & Chairman of Dark Horse Venture, and President of Dark Horse University, Mr. Huang Yuanguai, Vice President of Guangdong Private Investment Co., Ltd., Mr. Boon Xie, Chairman and CEO of WTOIP, Mr. Gerold Muhr, Executive Adviser and Innovation Analyst at zeb Business School of Steinbeis Foundation Berlin, and Mr. Li Jinhua, Chairman of Guangzhou General Pharmaceutical Research Institute Co., Ltd.

In IPIEC Global 2018, Nanopac showcased its technology "Nano Electrochemical Reactor System NECR", which is able to treat, clean and recycle the waste water for further use. This technology is excellent in removing microorganism, pollutants and color electrochemically. It is perfect for toilet applications where the system is different from existing toilet waste treatment system market. NECR treats the waste at the source and eliminates the physical transportation of waste where human factor error is the main cause of contamination and pollutions. The system is simple to operate, easy to maintain and relatively cheaper and easier to make compared to other main components of waste water treatment system. It is proven effective in treatment of waste water, complete with scientific data analysis and certified by recognised third party independent laboratories and certification bodies. It is scaleable to meet present demands and helps to reduce cost of investment. NECR can also be used for treatment of various waste water including industrial waste water, semiconductor waste water, dyeing waste water, agriculture waste water, ballast water and swimming pool water.

Nano ElectroChemical Waste Water Treatment



(Self Contained and Self Sustainable Toilet)

In year 2014, Nanopac Group collaborated with US California Institute of Technology (CALTECH) to develop “Sustainable Solar-Powered Electrochemical Toilet Waste Treatment System”. With the adoption of NECR as part of the core technology, the developed invention was identified as the technology at the forefront of a growing movement to rapidly improve safe sanitation for the world’s poorest, while creating new, profitable sanitation markets that sustain progress toward global water and sanitation goals outlined in the United Nation’s Sustainable Development Goals (SDG 6) by the Bill and Melinda Gates Foundation and subsequently awarded the first prize of “Reinvent the Toilet Challenge” by the charitable foundation in 2015. With the synergistic collaboration and support from NanoMalaysia, an agency under Malaysian Ministry of Energy, Science, Technology, Environment and Climate Change (MESTECC), Nanopac successfully launched the NECR into the market in 2016. To date, NECR has been deployed to countries like US, India, Africa and Malaysia. This Nanotechnology based innovation is a good example of generating new economic opportunities, preserving the environment and societal well being.