BioSpectrum the business of Bio & Health Sciences ASIA EDITION

NANOTEC marks 10 years of success, aims higher

August 8, 2013 | News | By BioSpectrum Bureau



Singapore: National Nanotechnology Center (NANOTEC), with a research pool comprising over 100 researchers and 357 international publications to its credit, is all set to mark the completion of a decade in nanotechnology development in Thailand.

Established on August 13, 2003, under the National Science and Technology Development Agency (NSTDA), Ministry of Science and Technology (MOST), Government of Thailand, NANOTEC kickstarted with the task of preparing a 10-year National Strategic Framework in Nanotechnology for submission to the cabinet via the National Nanotechnology Policy Committee. The task and framework were formed in line with the National Strategic Framework in Science and Technology.

In the last decade, NANOTEC researchers executed multiple projects including the SOS mobile water purification unit, the nano cosmeceutical QAcne pad made from encapsulation of mangosten extract, the Nano Bednet which contain nano scale long-lasting formulation of mosquito-insecticide, nano functional fabrics, controlled release fertilizer, and smart soil made from water hyacinth.

NANOTEC, in the last 10 years, also witnessed an increase in the number of collaborative partnerships, both local and international. The establishment of the Center of Excellence in Nanotechnology (COEs) with eight leading Thai universities continues to accelerate the organization's research initiatives. Such partnerships have helped NANOTEC broaden its outlook

towards research from global perspective. NANOTEC also established strategic alliance with international nanotechnology centers and is playing leading role as one of the world-leading institutes.

In the coming years, NANOTEC will continue concentrating on R&D programs that can impact the industry as a whole. To set the ball rolling, NANOTEC will initiate a flagship program approach in which all researchers, including NANOTEC members, will be encouraged to participate. By initiating the flagship program, NANOTEC hopes to kindle the need for a research goal oriented agency.