

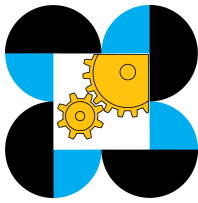
DOST-ITDI Director Dr. Annabelle Briones and MSD Chief Dr. Marianito Margarito (3<sup>rd</sup> and 4<sup>th</sup> from left) and DOST-NCR Director Engr. Romelen Tresvalles and CASTO PAMAMARISAN OIC Mr. Oscar Sevilla Jr. (2<sup>nd</sup> and 4<sup>th</sup> from right) present a modular RWCS unit to San Juan City Mayor Francisco Javier Zamora (3<sup>rd</sup> from right) and city officials. (Photo: RRUdelaCruz)

## **DOST Turns Over ITDI's Rainwater Collection System to San Juan City**

In partnership with the DOST–National Capital Region's Clustered Area Science and Technology Office (CASTO) for PAMAMARISAN (Pasig, Mandaluyong, Marikina, and San Juan), the Department of Science and Technology (DOST) formally donated one modular and one pillow-type rainwater collection system (RWCS) unit to the San Juan City government. The turnover took place during the city's flag-raising ceremony held at San Juan City Hall on July 21, 2025.

Developed by the Materials Science Division (MSD) of the DOST-Industrial Technology Development Institute (ITDI) and produced by its technology adopter Manly Plastics, Inc., both types of the RWCS are made from nanocomposite thermoplastic geomembrane and are easy to install and deploy. Both types have made safe and easy rainwater harvesting and storage (up to 1 cubic meter) for reuse on-site, addressing water scarcity for non-potable domestic use especially during emergencies.





San Juan City Mayor Francisco Javier M. Zamora thanked DOST-NCR Director Engr. Romelen T. Tresvalles and DOST-ITDI Director Dr. Annabelle V. Briones for the donated innovations, citing its usefulness in water management and environmental initiatives of San Juan City in its vision towards being a smart city.

Dr. Briones said the turnover was timely as well as the city celebrates its 47th National Disability Rights Week themed "Innovation for Inclusion: Building Inclusive Communities Together" on July 17-23, 2025. She stated that "the donation represents the shared dedication towards sustainable water management and environmental stewardship. Innovation impacts lives and strengthens communities."

*(Reginald Roy U. dela Cruz, DOST-ITDI Media Service)*

