Department of Science and Technology **Balik Scientist Program**







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Green and Sustainable Packaging (GSP)

Duration: 2022-2026

Host Institution: DOST - Industrial Technology Development Institute (ITDI)

Project Description

Through the GSP programs, bio-based packaging materials will be developed and commercialized based on biodegradability and circularity, providing alternative solutions to banning non-biodegradable materials. Also, standards and criteria on green and sustainable packaging, together with science-based recommendations on regulations and policies on the use, recycling, and disposal of packaging materials, will be provided. Overall, the GSP roadmap drafted by ITDI- Packaging Technology Division (PTD) is aligned with the world's path to reducing packaging materials' environmental impact.

Expertise Needed

- Circular economy
- Bioplastic
- · Alternative packaging materials from natural fiber