

# DSI – SATREPS PRESENTATION AT STELLENBOSCH UNIVERSITY

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science & innovation

Department:  
Science and Innovation  
REPUBLIC OF SOUTH AFRICA



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# OUTLINE

□ DP Mandate

□ Japan's Science and Technology Research Partnership on Sustainable Development (SATREPS)

□ DSI SATREPS PROCESSES 2023

□ DSI-SATREPS PAST PROJECTS

□ QUESTIONS & SUGGESTIONS

# Development Partnerships Mandate

## □ **DP Mandate (ICR):**

- ✓ Facilitate and service international development partnerships and opportunities for the benefit of SA National System of Innovation (NSI)
- ✓ Leverage international development resources from Governments and Foundations and Philanthropic Organisations
- ✓ Provide overall coordination of Official Development Assistance (ODA) within the DSI

# SATREPS

- Japan Science and Technology Agency (JST) and Japan International Cooperation Agency (JICA)
- international joint research targeting global issues with an objective of future utilization of research outcomes implemented through collaboration with Official Development Assistance (ODA)
- 3-5 years, R40-60 million
- enhance the research and development capabilities of developing countries, and helps create sustainable research systems able to address and resolve development issues
- **Focus** of annual Call for Proposals: **Environment/Energy, Bioresources, and Disaster Prevention and Mitigation**
- Prior researcher coordination critical in submitting proposal

# DSI participation in SATREPS

- Japan covers all project costs (running costs, Project Coordinator, equipment and material, international travel etc)
- DSI launches South African Call, pre-selection and submission of project proposals, and co-investment, matching by DST SSTR in Tokyo
- Co-investment to cover local costs and strengthen South African participation (DSI projects on climate prediction, seismology, infectious diseases, and biofuels)
- Advocate for collaboration with RSA institutions (consortiums)
- 2023 shared in July
  - RSA deadline 08 September 2023
  - Submission to NT , 02 October 2023

# DSI-SATREPS PAST PROJECTS

- DSI involved since 2010 – several DSI endorsed proposals have been approved and funded under SATREPS
  - 2010 - “ Prediction of Climate Change Variations and its Application in the Southern Africa Region” (3-year project ended 2013)
  - 2010 – Observational Studies in South African Mines to Mitigate Seismic Risks” (5-year project ended 2015)
  - 2012 - Infectious Diseases Early Warning Systems (iDEWS) (CSIR/ACCESS , Limpopo Dept of Health, National Dept of Health, University of Limpopo, NICD, SAWS) (5-year project )
  - 2016 – Biofuels (DUT, eThekweni Municipality, ARC, TIA)(5-year project, suppose to end 2021, but extended to March 2022 due to COVID-19 delays)
- **CURRENT PROJECTS**
  - 2020 - Development of a Carbon Recycling System Toward a Decarbonised Society by Using Mineral Carbonation” (MCC&U) (CPUT, UCT, UWC, CGS) (5 years, will end 2025)
  - 2021 - Development of new ammonia synthesis system using renewable energy and hydrogen (NWU, HYSA, ) (5 years, will end 2026)

# DSI SATREPS PROCESSES 2023

- **JULY 2023** – DSI advertised call to NSI – **DUE DATE 08 SEP 2023**
  - NSI can contact DSI for matching with Japanese Institutions
- **11 SEP 2023** – DP submits applications to Line Programmes for endorsement
  - Technology Innovation (Prog 2)
  - Research Development and Support (Prog 4)
  - Socio-Economic Innovation Partnerships (Prog 5)
- Interaction between DSI Line Prog and applicant
- **29 SEP 2023** - response from line programme on DSI endorsement
- **02 OCT 2023** – submission to National Treasury
- **04 OCT 2023** – submission to Japanese Embassy
- **MID 2024** – Response from Japanese through NT



# QUESTIONS & SUGGESTIONS



# END OF PRESENTATION

Dankie

Enkosi

Ha khensa

Re a leboga

Ro livhuwa

Siyabonga

Siyathokoza

Thank you