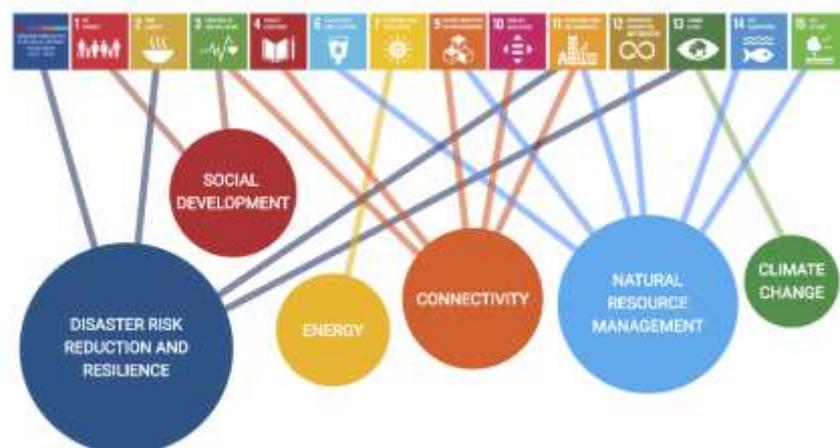# Database of Good Geospatial Practices for Sustainable Development
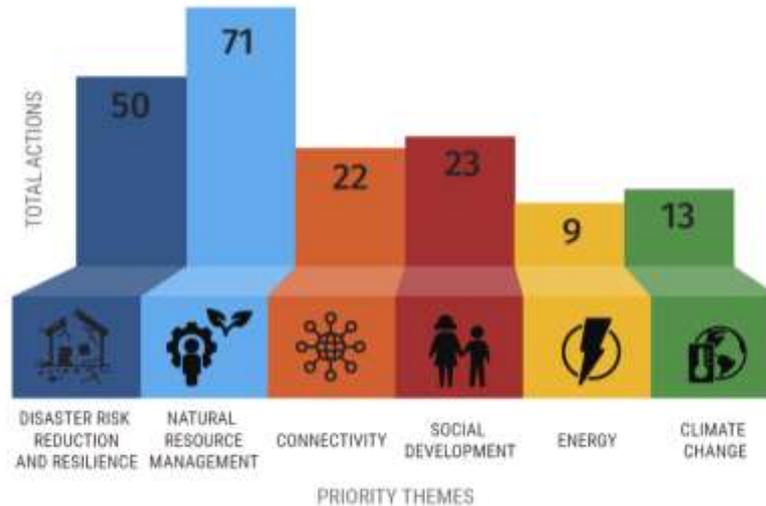
Overview

Background

Countries within the Asia-Pacific region are already making steady progress on the uses of geospatial information and space applications. This has been demonstrated by the latest developments in the implementation of the [Asia-Pacific Plan of Action on Space Applications for Sustainable Development (2018–2030)](#) (Plan of Action).

This Plan of Action is a needs-driven blueprint that harnesses space and geospatial applications, as well as digital innovations to support countries, particularly those with special needs, to achieve the 2030 Agenda. The Economic and Social Commission for Asia and the Pacific (ESCAP) was the first UN Regional Commission to adopt and implement a regionally coordinated and inclusive Plan of Action on space applications towards achieving the Sustainable Development Goals (SDGs). Ministers and the heads of the space community from over 30 countries within the Asia-Pacific region met in Bangkok for the Third Ministerial Conference on Space Applications for Sustainable Development in Asia and the Pacific in October 2018. The Ministerial Conference adopted two documents that guide work in the Asia-Pacific region over the next decade: 1) the Ministerial Declaration on Space Applications for Sustainable Development in Asia and the Pacific, and 2) the Asia-Pacific Plan of Action on Space Applications for Sustainable Development (2018 – 2030). The Plan of Action has set out a framework of 188 actions which contribute to six thematic areas, three action areas and 34 sub themes.

Overview of the six thematic areas and their links to the SDGs.

How the six thematic areas contribute to the number of overall actions.

In 2020 ESCAP launched the publication 'Geospatial Practices for Sustainable Development in Asia and the Pacific 2020: A Compendium' to facilitate knowledge sharing and showcase good practices of space applications from the region. The Compendium provides an overview of the regional status and progress in all six thematic areas of the Plan of Action, based on the contribution of over 100 practices from countries and partners in the region.

Progress towards implementation of the Plan of Action can be reported by member countries to the Regional Space Applications Programme network and its Intergovernmental Consultative Committee, to share experiences and seek support to overcome challenges though regional cooperation[1]. Additionally, a report of the implementation of Phase I of the Plan of Action will be submitted to the Fourth Ministerial Conference on Space Applications for Sustainable Development in Asia and the Pacific in October 2022.[2] In order to achieve this, the secretariat's database and dashboard provide a streamlined and user-friendly platform for member States to report on the implementation of the Plan of Action. Furthermore, the platform will facilitate collecting and storing identified good practices for both knowledge sharing and future publications.

Aim

The Aim of this initiative is to develop and implement a uniform way of collecting, storing, and reporting on good practices for space applications. The data that is collected will be used for a variety of purposes including:
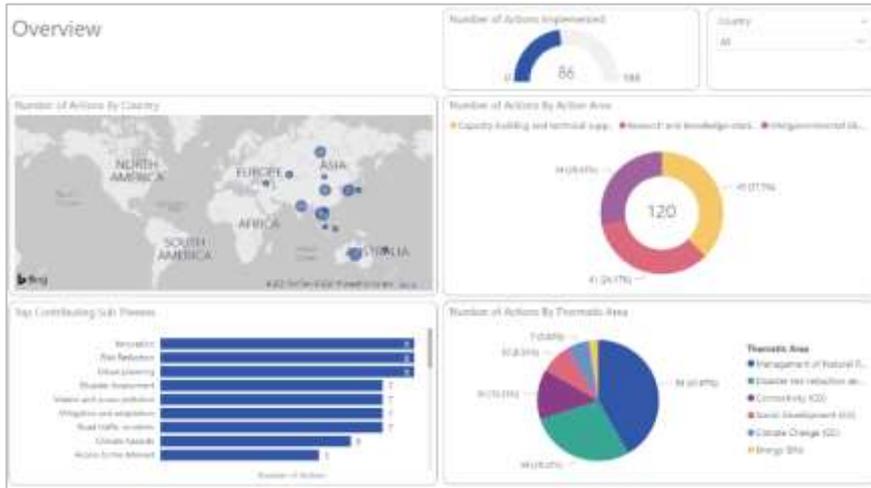
- Reporting on progress and actions taken towards the Plan of Action goals using a dashboard that provides an overview of the current status.
- Creating a space where good practices from around the region can be stored and shared through and online easy to use and access portal.
- Creating an easy to use and accessible portal that is available any time to upload new good practices for storage, sharing and reporting.

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[1] Plan of Action paragraph 39
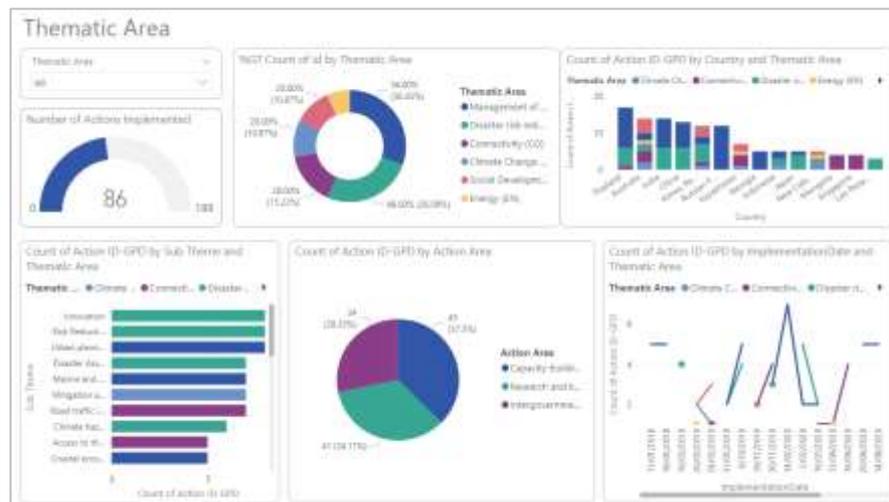[2] ESCAP resolution 75/6 (b)

Dashboard

The dashboard currently under development is designed to give an overview of the current number of different practices that have been implemented and provide insight into how these good practices contribute to the achievement of the Plan of Action, thematic areas, action areas, subthemes, and SDGs. The infographics below give an overview of the data visualization screens that can be expected. Additionally, a screen will be provided to view all practices stored in the database along with the corresponding action items to facilitate knowledge sharing.

Overview
This will give a general overview of the key metrics such as thematic area, action area, country and sub themes

Thematic Area
The thematic area screen will give a more detailed report of how implemented good practices contribute to individual thematic areas.

Action Area
The action area screen will give a more detailed report of how good practices contribute to individual action areas.

Country
This screen will give an overview of how practices are being implemented in individual countries.

Note: The above display visuals using data from a test dataset and do not reflect current levels of implementation. In addition, visuals provided are for sample purposes only and do not reflect the visuals that may or may not be used in the final version of the dashboard.

Survey Form

This form will be designed to provide a user-friendly way of submitting good practices to allow for streamlined reporting and sharing. Users will be clearly guided though the process to provide relevant details.

Project Timeline

June

Briefing to and
Consultation with
RESAP members

Request for testing,
Imput of Good
Practices

July

Follow up bilateral
meetings for
further imput

August

Formal
Presentaiton at
RESAP ICC

July

Implementation of
feeback from
consultations

August

Request to all
RESAP Members for
Good Practices