

Briefing and Discussion: “Importance of Data for Promoting Sustainable Agricultural Mechanization”

Regional Database Project Overview

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Outline

- 1. Data for Sustainable Agricultural Mechanization Policies & Strategies and the Sustainable Development Goals (SDGs)**
- 2. Background of Regional Database on Agricultural Mechanization in Asia Pacific initiative**
 - CSAM Efforts to Support Development of the Database
 - Work So far
 - Guideline document and SDGs
- 3. Briefing Objective and Expected Outcomes**



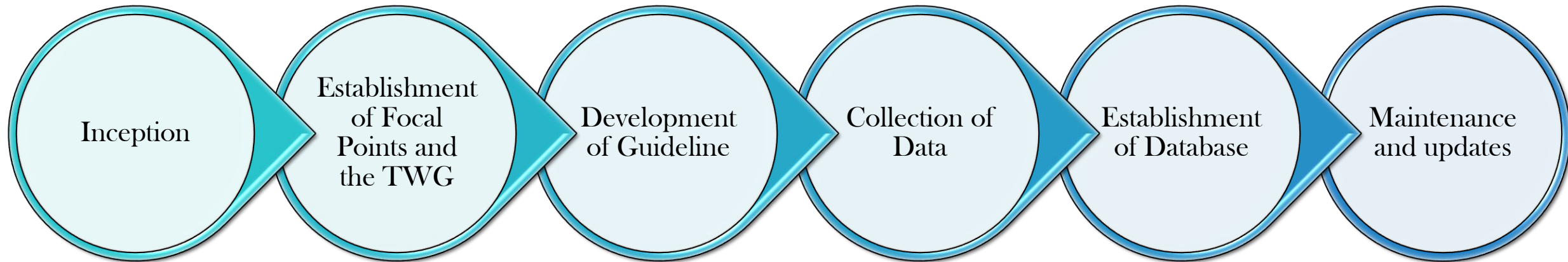
- Sustainable Agricultural Mechanization (SAM) is a key enabler of the 2030 Agenda for Sustainable Development including SDG 1 (No Poverty) and SDG 2 (Zero Hunger) among others. It is vital to increasing productivity.
- Despite considerable progress, in the Asia Pacific region agricultural mechanization is very uneven.
- SAM policies and strategies need defined targets and specific local customization for which data is essential.
- Existing databases at national and regional levels vary in scope and often use different definitions, methodologies, and intervals for data collection.



Initiative for Regional Database on Sustainable Agricultural Mechanization in Asia Pacific

- Regional database project promoted by CSAM-ESCAP aims to complement and strengthen existing national databases to improve the quality and quantity of comparable, timely and reliable data.
- Regional platform for exchanging statistics and info related to current status, trends, research and innovation, technological/trade gaps, as well as opportunities related to SAM among member States.
- Assist member States in identifying the level of agricultural mechanization, facilitate technology innovation and trade of agricultural machinery.
- Support and monitor progress towards attainment of the SDGs through data.

CSAM Approach for Development of a Regional Database on Sustainable Agricultural Mechanization



Work so Far

- ❖ Regional Workshop on Establishing a Regional Database of Agricultural Mechanization in Asia and the Pacific, held in Siem Reap, Cambodia on 17-19 November 2014
- ❖ Development of the Conceptual Framework on Establishing a Regional Database of Agricultural Mechanization in Asia and the Pacific
- ❖ Inception Workshop in Putrajaya, Malaysia, 29-30 March 2016
- ❖ Regional Workshop on Data-informed Policy-making for the SDGs, Penang, Malaysia, 28-29 June 2018



Nomination of Focal Points and TWG Members

June 2016

UK

Russia

DPRK

Azerbaijan

Bangladesh

China

Bhutan

Nepal

Cambodia

Northern Mariana Islands

India

Thailand

Philippines

Sri Lanka

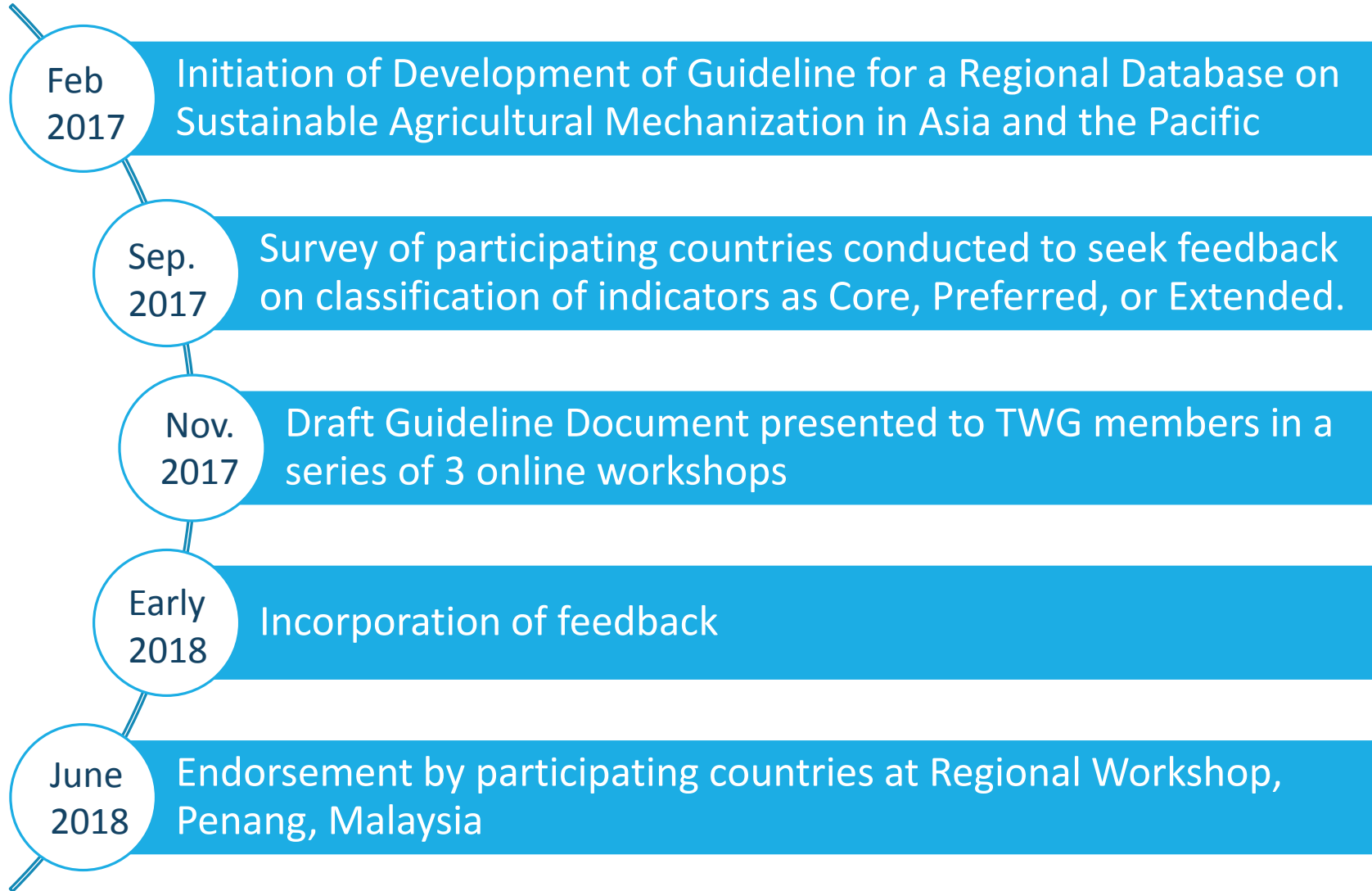
Indonesia

Samoa

Tonga

17 Focal Points
13 Technical Working Group
(TWG) Members





Guideline for a Regional Database on Sustainable Agricultural Mechanization in Asia and the Pacific

Scope: Provide a common reference to assist member States in collecting harmonized and comparable data.

Guiding principles: Collect needed data by having the least redundancy with the existing databases and the minimum additional burden on the member States.

Content:

- ❖ Provide key indicators under appropriate classifications
- ❖ Harmonized definitions and update frequency;
- ❖ Link indicators with SDGs' monitoring and reporting efforts.

Association with SDGs

- Timely and reliable data essential for framing effective policies and programmes for sustainable agricultural mechanization and overall agricultural and rural development in the Asia-Pacific.
- Data important for follow up and review process for SDGs.
- Guideline takes into consideration economic, social and environmental dimensions of agricultural mechanization – consistent with SDGs vision
- Indicators in Guideline can inform and contribute useful elements to SDG indicators.

Briefing and Discussion: “Importance of Data for Promoting Sustainable Agricultural Mechanization”

Objective: Promote agricultural mechanization data as an important tool for policy making, research and development in Asia-Pacific region.

Expected Outputs:

- ❖ Highlight **role of data** for effective decision-making and accelerating development of sustainable agricultural mechanization;
- ❖ Provide overview of **CSAM’s initiative** on a Regional Database for Sustainable Agricultural Mechanization;
- ❖ Provide briefing on CSAM’s **technical Guideline** for Regional Database.
- ❖ Obtain feedback on **relevance and application/use** of indicators

Thank you

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For any queries or suggestions:

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