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| WORLD METEOROLOGICAL ORGANIZATIONCOMMISSION FOR BASIC SYSTEMSOPAG on DPFSMEETING THE REGIONAL SUBPROJECT MANAGEMENT TEAM (RSMT) OF THE SEVERE WEATHER FORECASTING DEMONSTRATION PROJECT (SWFDP) IN SOUTHEAST ASIAHa Noi, Viet Nam, 20-23 November 2017 |  | WDS-DPFS/RAII/SeA-SWFDP-RSMT /Doc. 9.3(15.XI.2017)\_\_\_\_\_\_\_Agenda item : 9.3ENGLISH ONLY |

**REQUIREMENTS FOR TRANSITION OF SWFDP-SeA INTO PHASE-IV**

**(LONG TERM SUSTAINABILITY AND FUTERE DEVELOPMENTS)**

*(Submitted by the Secretariat)*

##### Summary and purpose of document

## This document provides information based on the Annex to the draft Decision 3.2.3/1 of the sixty eighth session of WMO Executive Council (EC-68) entitled ‘Critical Elements for Consolidating the SWFDP into Global Sustainable Operational Services’

##### Action Proposed

The meeting is invited to take into consideration this information to review and update the Regional Subproject Implementation Plan (RSIP) for SWFDP- Southeast Asia.

**Annex(es):**

**Reference(s):** - Report of the EC-68 (2016)

 -SWFDP Guidebook on Planning Regional Subprojects (2016)

**Annex to draft Decision 3.2.3/1 (EC-68)**

**CRITICAL ELEMENTS FOR CONSOLIDATING THE SWFDP INTO GLOBAL SUSTAINABLE OPERATIONAL SERVICES**

The Council recognizes the following as critical elements for consolidating the SWFDP into global sustainable operational services:

1. A fully operational regional component of the severe weather forecasting programme, supported by the cascading forecasting process, requires:
* A Regional Management Team (RMT) comprising the PRs (or their representatives) of global, regional and national centres of participating countries, which reports to a Steering Group and the respective regional associations;
* A regional entity (e.g. Meteorological Association for Southern Africa (MASA) for the SWFDP – Southern Africa) to oversee and coordinate, in collaboration with the Secretariat, the subproject activities, including support activities such as training, organizing meetings and resource mobilization. This regional entity requires to be identified before a new SWFDP is initiated to ensure long-term sustainability of subprojects;
* Global centres providing input data and products to the regional and national centres, as agreed through discussions at the RMT;
* A regional centre providing forecast guidance to NMHSs in the region through the cascading forecasting process, and operating and maintaining a dedicated website, as agreed through discussions at the RMT;
* National centres ensuring that appropriate warnings of severe weather are issued.

2. In addition to the activities listed above, the sustainability of operational regional components requires a number of non-operational activities to be supported and funded. These activities include:

2.1 The Regional Management Team is in charge of:

* The strategic leadership for the region;
* Evaluating Phases I to III of the SWFDP regional subproject, and decide on its transition to operations (Phase IV);
* Defining the criteria for the regional severe weather guidance, based on the NMHS criteria for severe weather warnings;
* Assessing every opportunity to combine with existing activities of other programmes and technical commissions related to hazardous weather, such as for flash flood forecasting, marine and aviation;
* Encouraging the use of the cascading forecasting process by other regional projects to facilitate the implementation of multi-hazard impact-based forecast and risk-based warning services.

2.2 The regional entity, in collaboration with the Secretariat, is in charge of organizing:

* RMT meetings around every two years;
* Training for RSMC and NMHS staff on a regular basis, combining on-site training and making use of e-learning facilities;
* Resource mobilization, including sustainable funding for the implementation of new, and further development of the existing, subprojects.

2.3 The Steering Group is responsible for:

* Providing strategic oversight for the further development of the cascading forecasting process;
* Monitoring and evaluating the progress of existing SWFDP regional subprojects and their transition to operations; and provide guidance on the planning, implementation and execution of new SWFDP regional subprojects;
* Facilitating the use of the cascading forecasting process by other WMO Programmes and technical commissions’ activities, based on the SWFDP model;
* Developing recommendations to NMHSs, especially those from LDCs, SIDS and MITs, for their full engagement in and benefit from the cascading forecasting process.

2.4 The NMHSs should contribute to:

* The evaluation of products and provide feedback to global and regional centre(s);
* Keeping up-to-date their criteria for severe weather warnings, according to the feedback provided by the end-users, and inform the RMT as appropriate.

2.5 The regional centre should:

* Be in charge of the routine website maintenance, including upgrades as required;
* Provide regional severe weather guidance, based on the NMHS criteria for severe weather warnings;
* Contribute to the monitoring, evaluation and reporting.

2.6 The global and regional centres which contributed to the demonstration phases of the SWFDP regional subprojects are expected to continue to provide support, on the understanding that their data and products would be used only for the intended purpose by the participating regional centres and NMHSs, fulfilling the requirements for designation described in the draft new *Manual on the Global Data-processing and Forecasting System* (WMO-No. 485).