

# INTRODUCTION TO RWC CONCEPT AND IMPLEMENTATION PLAN IN RA VI

RA VI Training Workshop on Regional WIGOS Centres functions and  
tools, 20-22 November 2023

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# Background/Regional WIGOS Centres

## RA IV:

- Establishment under progress (BCT, Canada, Costa Rica, T&T, USA)

## RA II

- RWC Beijing and RWC Tokyo, full operational since September 2021

## RA III:

- RWC (Argentina and Brazil), pilot phase operations since May 2020

## RA VI:

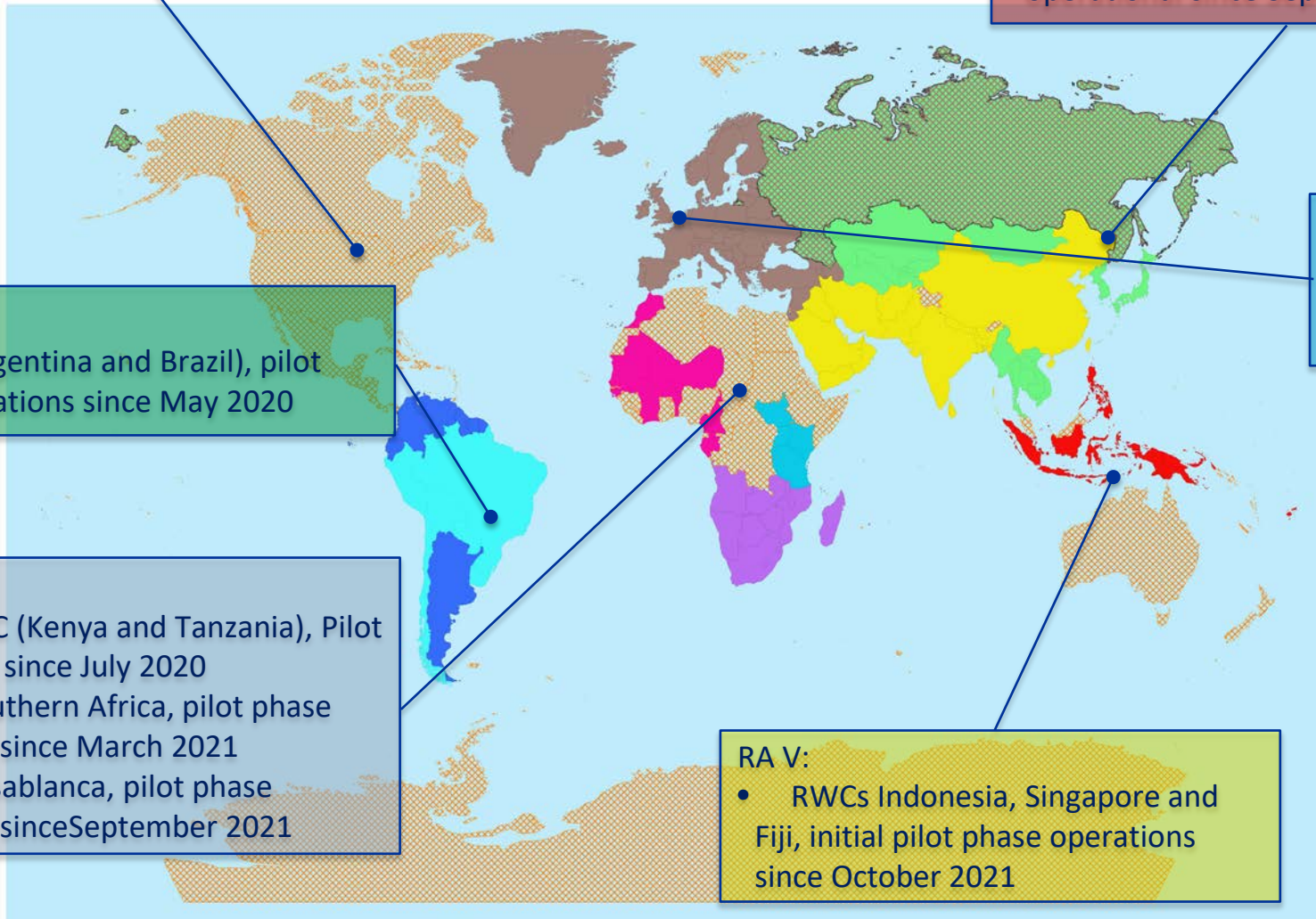
EUMETNET – provides autom. monitoring function since 2018

## RA I:

- RWC EAC (Kenya and Tanzania), Pilot Operations since July 2020
- RWC Southern Africa, pilot phase operations since March 2021
- RWC Casablanca, pilot phase operations since September 2021

## RA V:

- RWCs Indonesia, Singapore and Fiji, initial pilot phase operations since October 2021



## Background for establishment of RWCs in RA VI

- RA VI Regional Association decided during the 17<sup>th</sup> of RA VI in 2018 on establishment of RWCs in RA VI and requested the Management Group to support the establishment of RWCs.
- Decision to approve the EUCOS Observing Monitoring Facility, operated under the EUMETNET Observations Programme Management, as a Regional WIGOS Centre for Region VI.
- Workshop for RWCs in RA VI was organized by the Geneva, Switzerland in March 2023 to review, discuss and further development of concept document and implementation plan as a start-up phase activity for establishment and operations of RWCs in RA VI with the representatives of Members willing to host RWCs (Bosnia and Herzegovina, Kazakhstan, Romania, Türkiye, EUMETNET)
- Concept document and Implementation Plan were endorsed by the RA VI Working Group on Infrastructure, Observations, and Information systems in September 2023 and approved by the RA VI Management Group in October 2023.

# RWC Concept for RA VI/Architecture and Operational Principles

## ➤ Main considerations

- Each RWC in RA VI will perform both mandatory functions for their affiliated Members.
- Affiliation of the Members to RWCs based on:
  - *Balanced distribution of number of affiliated Members to each RWC,*
  - *Geographic proximity of Members to RWCs,*
  - *Existing cooperation agreements between RWCs and Members,*
  - *Language and cultural familiarity between RWCs and Members.*
- 5 RWCs to be established according to the existing status (*open to expansion*)
- Each Member being affiliated to one of these centres

# RWC Concept for RA VI/Draft Proposed Affiliations

RWC	Bosnia & Herzegovina		Kazakhstan		Romania		Türkiye		EUMETNET
Functions	Metadata & WQMS		Metadata & WQMS		Metadata & WQMS		Metadata & WQMS		Quality Monitoring (WQMS)
	Proposal from B&H	Proposal as workshop outcome	Proposal from Kazakhstan	Proposal as workshop outcome	Proposal from Romania	Proposal as workshop outcome	Proposal from Türkiye	Proposal as workshop outcome	
Proposed Affiliated Members	1. Albania 2. Andorra 3. Bosnia-Herzegovina 4. Bulgaria 5. Israel 6. Jordan 7. Lebanon	1. Albania 2. Bulgaria 3. Romania 4. Türkiye	1. Armenia 2. Azerbaijan 3. Belarus 4. Georgia 5. Kazakhstan 6. Russian Federation 7. Ukraine 8. Kyrgyzstan* 9. Turkmenistan* 10. Tajikistan* 11. Uzbekistan*	1. Armenia 2. Belarus 3. Russian Federation 4. Kyrgyzstan* 5. Turkmenistan* 6. Tajikistan* 7. Uzbekistan*	1. Armenia 2. Bulgaria 3. Lithuania 4. Republic of Moldova 5. Romania 6. Türkiye 7. Ukraine	1. Lithuania 2. Republic of Moldova 3. Ukraine 4. Monaco 5. Andorra	1. Azerbaijan 2. Bulgaria 3. Georgia 4. Israel 5. Jordan 6. Lebanon 7. Türkiye	1. Azerbaijan 2. Georgia 3. Israel 4. Jordan 5. Lebanon 6. Bosnia-Herzegovina 7. Kazakhstan	EUMETNET Members

- 1) Syrian Arab Republic (not proposed by any RWC, need to be affiliated, candidate Members are invited to consider including Syrian Arab Republic)
- 2) Following options could be considered for balanced distribution in number of affiliated Members
  - a) Türkiye could be affiliated to Bosnia & Herzegovina, or;
  - b) One of Monaco or Andorra could be affiliated to Bosnia & Herzegovina
- 1) \*Members from RA II could be considered for possible affiliation to Kazakhstan in consultation with RA II

# Activities towards establishing RWC in pilot mode (2022-2025)

Phase/Activity	Tasks	Timeline
<b>1. Start-up Phase/ Preparatory actions</b>	1.1. Introductory meeting for RWCs in RA VI	29 September 2022
	1.2. Development of a draft concept for RWCs in RA VI	Q4,2022
	1.3. Organize a RA VI RWC Workshop	14-15 March 2023
	1.4. Finalize RWC concept and implementation plan	End of March 2023
	1.5. Review and endorsement of RWC concept and implementation plan	Q2,2023
	1.6. Approval of RWC concept and implementation plan	Q2/Q3,2023
	1.7. Official application by candidate RWCs	Q2/Q3, 2023
	1.8. Evaluation of applications	Q3, 2023
	1.9. Designation of RWCs	Q4, 2023
<b>2. Start-up Phase/Readiness activities</b>	2.1. Allocate human resources	Q2/Q3 2023
	2.2. Allocate technical resources	
	2.3. Allocate financial resources	
	2.4. Nominate/update of WIGOS related NFPs	Ongoing
	2.5 Registration of WDAQMS-NFPs in IMS	Q2/Q3 2023
<b>3. Training phase</b>	3.1 Training on WDAQMS and IMS for RWCs staff and WDAQMS-NFPs	Q3/Q4 2023
	3.2 Other capacity development activities	TBD
<b>4. Operation in pilot mode/Kick-off of Pilot RWCs operations</b>	4.1. Seek “green-light” for kick-off and inform all RA VI Members	Q4, 2023/Q1, 2024
	4.2. Actual kick-off of RWCs operations in pilot mode	Q4, 2023/Q1, 2024
<b>5. Operation in pilot mode/Develop plan to transition to fully operational RWC</b>	5.1 Coordination meetings among RWCs	2024
	5.2. Develop regular reports	2024
	5.3. Development of transition plan including auditing	Q1/Q2 2025

# Thank you



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