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Executive Council
Capacity Development Panel
EC-CDP

World Meteorological Organization Executive Council Capacity Development Panel

Report of the 10th Meeting (EC-CDP-10)

**3 and 4 February 2025
(Online meeting)**

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EXECUTIVE SUMMARY

The tenth meeting of the Executive Council Capacity Development Panel (EC-CDP-10) was held online on 3 and 4 February 2025. Ms Ko Barrett, Deputy Secretary-General of WMO, opened the meeting, which was chaired by Dr Carla Gulizia, Vice-Chair of the EC-CDP. In her welcome remarks, Ms Barrett acknowledged the Panel's achievements in 2024, emphasized the importance of coherence in WMO's capacity development efforts, and encouraged continued collaboration and innovation.

The meeting reviewed progress across a wide range of activities undertaken by the Panel and its two Expert Teams. Key topics included updates from INFCOM, SERCOM, and the Research Board, progress on the Early Warnings for All (EW4All) initiative, and coordination with the Consortium of WMO Education and Training Collaborating Partners (CONNECT). Two new case studies from Indonesia were presented as successful applications of the WCDF, marking the first contributions from WMO Regional Association V to the collection of case studies. Updates were also provided on the external review of Regional Training Centres (RTCs), and contributions to the forthcoming EC-79 session.

Both Expert Teams—ET-EPC and ET-GO—reported on their recent activities and outlined next steps in their workplans, including initiatives related to competency frameworks, business continuity planning, and mapping of regional capacity development initiatives. The importance of engaging with national stakeholders, strengthening cross-sectoral partnerships, and promoting the WMO Global Campus and Global initiative was emphasized throughout.

The meeting also finalized key action items and approved dates for future meetings, including EC-CDP-11 (22–26 September 2025), EC-CDP-12 (16–17 February 2026, online), and EC-CDP-13 (21–25 September 2026, hybrid). The Panel reiterated the need for effective online coordination in the coming months to implement the agreed actions and to collaboratively shape the agenda for the next session.

In her closing remarks, Dr Gulizia thanked members for their active participation and underscored the importance of the Panel's work in supporting the WMO community and beyond. She expressed confidence in the Panel's ability to meet growing expectations through continued dedication and partnership.

The list of participants is available in Annex-I, and the list of actions from EC-CDP-10 in Annex-II. All related documents and presentations are available in the meeting webpage at <https://etrp.wmo.int/course/view.php?id=185>

FULL REPORT

1. Opening of EC-CDP-10 and adoption of the Agenda

The tenth session of the Executive Council Capacity Development Panel (EC-CDP-10) was held online on 3 and 4 February 2025, under the chairmanship of Dr Carla Gulizia, Vice-Chair of the EC-CDP.

The meeting was formally opened by Ms Ko Barrett, Deputy Secretary-General of the World Meteorological Organization (WMO). In her opening remarks, Ms Barrett welcomed participants and expressed appreciation for their continued commitment to strengthening capacity development across the WMO community. She highlighted the session as a timely opportunity to reflect on achievements in 2024 and to define strategic priorities for 2025 and beyond. Emphasizing the importance of innovation, she encouraged the Panel to consider how WMO can leverage technology, enhance training methodologies, and promote regional collaboration to build long-term institutional and human capacity. Ms Barrett also acknowledged the Panel's contributions to the external review of five WMO Regional Training Centers, noting their essential role in ensuring the quality and relevance of training provision. Marking WMO's 75th anniversary, she commended the dedication of Panel members as a foundation of the Organization's global capacity development efforts.

Following the opening remarks, the chair invited the Panel to review and adopt the [Agenda and Workplan of EC-CDP-10](#), which was approved without amendments.

2. Summary report of activities of EC-CDP 2024

Dr Carla Gulizia, Vice-Chair of the Executive Council Capacity Development Panel (EC-CDP), presented an overview of the Panel's activities during 2024, highlighting key achievements and progress across the Panel's core areas of work.

The year commenced with the 8th session of the EC-CDP, held in February 2024. This session marked the first meeting of the newly appointed Panel for the 2024–2027 period. One of the key outcomes was the establishment of a Task Team, led by Dr Albert Martis, to revise the Panel's Terms of Reference (ToRs). Following a series of virtual consultations, the revised ToRs were approved by the Executive Council (EC-78) with minor amendments and will be published in WMO-No. 1256, along with a unified set of rules of procedure for all bodies reporting to the EC.

In April 2024, the 9th session of the Panel was held in hybrid format and included a joint session with the Technical Coordination Committee (TCC) and the Policy Advisory Committee (PAC). Discussions focused on WMO's coordinated contributions to the Early Warnings for All (EW4All) initiative and on the further development of the WMO Capacity Development Framework (WCDF). The Panel reaffirmed its commitment to collect and promote regional case studies as part of the WCDF.

To enhance the effectiveness of its work, the Panel established two Expert Teams in 2024. The Expert Team on Governance and Oversight (ET-GO) focuses on matters related to coordination and organizational oversight, while the Expert Team on Education, Policy, and Competency (ET-EPC)

addresses issues concerning training, policy development, and frameworks. All members of the Panel also agreed to collaborate on selected cross-cutting priorities within the updated ToRs.

Throughout the year, the Panel actively contributed to external reviews of five Regional Training Centres (RTCs) located in Brazil, Peru, Argentina, Nigeria, and Islamic Republic of Iran. These reviews were conducted by EC-CDP members in close collaboration with the WMO Education and Training Office (ETR).

The Panel also engaged with the Scientific Advisory Panel and the Research Board in response to Congress-19 Resolution 35 and SAP Recommendation No. 2, which calls for enhanced efforts to bridge the gap between global scientific capabilities and local impact. As part of this effort, the Panel explored opportunities to support regional innovation and capacity development through coordinated partnerships.

Dr Gulizia concluded her report by noting two vacant positions within the Panel: the representative of the Presidents of WMO Regional Associations, and a core member seat vacated following Dr David Farrell's reassignment as representative to the WMO-IOC Joint Collaborative Board (JCB). In accordance with the newly approved ToRs, the Panel will oversee the appointment of suitable replacements, ensuring balance in gender, regional representation, and expertise.

3. Outcomes of EC-78 in connection with the work of the Panel

Ms Luciane Veeck (WMO Secretariat, Science and Innovations/ETR) provided an update on the progress of actions and recommendations made since the last meeting of the Panel. The update covered developments related to Resolutions of EC-78 and Cg-19, as well as follow-ups from EC-77 and CDP-9. A summary of these updates is available on the meeting website.

Of particular relevance to the work of the EC-CDP were two EC-78 Resolutions:

- Resolution 31: Revision of the terms of reference of bodies reporting to the Executive Council.
- Resolution 24: Designation and reconfirmation of WMO Regional Training Centres (RTCs).

Additionally, requests for EC-CDP support were highlighted in:

- Resolution 7: Recommendations and Statement of the Eighth International Workshop on Volcanic Ash (IWVA-8).
- Resolution 11: Business Continuity Management Guidelines.

The Panel was informed that updates on actions related to these requests are also included in the summary of updates.

Members were reminded that the "Action Tracker," available in the EC-CDP 2024–2027 Working Area, provides a record of requests directed to the Panel as well as the status of actions arising from meetings.

4. Updates from INFCOM capacity development activities

Ms Jennifer Milton, Capacity Development Coordinator and INFCOM representative to the EC-CDP, presented an overview of recent and ongoing capacity development efforts within INFCOM, with particular reference to the implementation of Decision 20 (INFCOM-2) and Decision 10 (INFCOM-3). Central to these developments is the establishment of a coordination mechanism designed to improve the coherence, efficiency, and overall impact of capacity development activities across the Commission.

A key achievement highlighted was the creation of a dedicated coordination group comprising representatives from INFCOM standing committees, expert teams, and regional offices. This group aims to enable the systematic compilation and alignment of training initiatives, support the review and revision of competency frameworks, and facilitate the sharing and promotion of training resources—particularly through the launch of a Capacity Development Materials Dashboard.

Ms Milton introduced a draft outline for the INFCOM Capacity Development Roadmap, organized around three strategic aspects: (i) supporting a holistic and coordinated approach to capacity development and training; (ii) addressing evolving capacity and competency requirements; and (iii) ensuring availability and accessibility to capacity development and training materials.

Looking ahead, Ms Milton outlined the short-term priorities of the coordination mechanism, which include finalizing the roadmap, identifying capacity development priorities for 2025–2026, strengthening collaboration with WMO Regional Centres, including the Regional Training Centres (RTCs), and improving outreach. She emphasized the importance of continued collaboration with the activities of the WMO Global Campus initiative, and the coordination with the EC-CDP, ETR Office, and relevant stakeholders to support the effective implementation of the INFCOM’s capacity development roadmap.

Following the presentation, several participants expressed appreciation for the progress made by INFCOM and emphasized key areas for continued improvement. The Capacity Development Materials Dashboard was recognized as a valuable tool, with suggestions to enhance outreach, particularly to Permanent Representatives, peer advisors, and SOFF-related stakeholders. Strengthening collaboration between INFCOM, WMO Regional Centres, and WMO Regional Training Centres (RTCs) was highlighted as a priority, with calls for greater clarity on how EC-CDP could support this. Suggestions were made to integrate the INFCOM’s training materials to the WMO Global Campus Collection of Learning Resources to promote a centralized resource. The importance of developing targeted and authentic “train-the-trainer” programmes, adapted to institutional capacities, was stressed, along with the need for a more consistent and coordinated approach to reviewing and updating competency frameworks. Additionally, the effectiveness of peer-to-peer capacity development initiatives was underscored, with examples from Indonesia demonstrating their impact in enhancing national capabilities and supporting regional collaboration.

5. Updates from SERCOM capacity development activities

Dr Ardhasena Sopaheluwakan, Vice-President of SERCOM and representative to the EC-CDP, provided an update on SERCOM’s recent and planned capacity development activities. He outlined

the outcomes of the SERCOM-3 session, held in March 2024 in Bali, which included leadership elections, governance enhancements, the adoption of the 2024–2027 work programme, and reaffirmed support for the WMO Early Warnings for All (EW4All) initiative. The work programme emphasizes the development of capacity-building materials, technical guidance, and outreach across key service delivery areas, including climate services, disaster risk reduction, hydrology, aviation, agrometeorology, and marine meteorology.

In 2024, SERCOM conducted 112 training events, reaching more than 4,000 participants, with particular focus on Regional Associations I and II. Capacity development activities are embedded across SERCOM's six standing committees and associated subsidiary bodies. Dr Sopaheluwakan also introduced the newly formed Advisory Group on Socioeconomic Benefits (AG-SEB) and invited the EC-CDP to nominate a representative to join this group.

Looking ahead, SERCOM will prioritize the adoption of new technical regulations on early warning services and the WMO Catalogue of Hazardous Events at its extraordinary session in March 2025. The development of a supporting competency framework is planned, with engagement from the EC-CDP anticipated between April and July 2025.

Dr Sopaheluwakan also presented an overview of the Action on Water Adaptation and Resilience (AWARe) initiative, launched at COP27 and coordinated by WMO. Implemented through the Pan-African Centre for Water and Climate Adaptation (PACWA), the initiative supports climate and water-related resilience by delivering training, mobilizing financial resources, and fostering regional collaboration. Since its inception in 2023, PACWA has delivered 27 training programmes, reaching over 520 professionals, and aims to train more than 2,500 individuals over the next three years, particularly across African countries.

Following the presentation, participants commended SERCOM's capacity development achievements. There was strong interest in the AWARe initiative, with suggestions to explore partnerships with the World Climate Research Programme's My Climate Risk regional hubs in Africa. These hubs were identified as potential collaborators for regionally focused climate adaptation efforts. The ongoing work of the Advisory Group on Volcanic Ash in collaboration with the Expert Team on Education, Training and Competency (ET-ETC) was acknowledged. Clarification was sought on the target audience for upcoming AWARe trainings, including potential participation by stakeholders in Nigeria. It was also confirmed that a formal request from SERCOM for the nomination of a CDP representative to AG-SEB would be issued in due course.

6. Updates from the Research Board

Professor Mary Scholes, Vice-Chair of the Research Board, provided an update on the Board's recent activities and developments. She noted the expansion of its membership to strengthen disciplinary, regional, and gender diversity. The Research Board currently comprises 25–30 members acting in a personal expert capacity across a wide range of disciplines, including weather, climate, water, ocean, and related environmental and social sciences.

Professor Scholes highlighted several capacity development initiatives embedded within the Board's affiliated programmes. The Global Atmosphere Watch (GAW) has produced a compendium of

training activities and launched formal and specialized training schools on atmospheric composition and modelling. The World Climate Research Programme (WCRP) supports equity and access through the WCRP Academy and its Global South Fellowship Programme, with the 2024 fellowship focused on Africa. The World Weather Research Programme (WWRP) hosted a verification workshop and supported the enhancement of early warning capabilities in Southern Africa through the WISER initiative.

The Board is also contributing to the WMO's EW4All initiative, including participation in global forums such as the American Meteorological Society, to emphasize the importance of multi-hazard early warning systems informed by integrated scientific research.

In closing, Prof. Scholes commended the breadth of global capacity development activities but raised a concern regarding their limited visibility beyond WMO-affiliated networks. She underscored the importance of improving outreach and dissemination, particularly to academic institutions, operational services, and broader scientific communities. While acknowledging the substantial progress made in Africa, she also stressed the need for balanced regional engagement across all WMO Regional Associations.

In the following discussion, Panel members expressed strong support for the Research Board's initiatives and its call for broader engagement. Emphasis was placed on strengthening collaboration between NMHSs, universities, and the private sector, including through applied research, joint training programmes, and AI-driven innovation. Several members of the Panel advocated for national-level partnerships, such as formalized internships, to bridge research and operational implementation. The expansion of opportunities for early-career researchers to get involved with relevant task teams of the Research Board was also encouraged. Prof. Scholes welcomed these suggestions and confirmed the Board's commitment to advancing inclusive, regionally responsive, and practice-oriented research-to-operation linkages.

7. Report on activities of CONECT

Dr Winifred Jordaan, Chair of the Consortium of WMO Education and Training Collaborating Partners (CONECT), presented an overview of the Consortium's activities since its establishment in 2023.

To date, two meetings of CONECT Plenary Members have taken place. The inaugural meeting, CONECT-1, was held in April 2023 at WMO Headquarters in Geneva. During this meeting, the Consortium and its Management Group (CONECT-MG) were formally established. The CONECT-MG is composed of 18 members—three from each WMO Regional Association—elected by the education and training institutions that make up the Consortium's Plenary Members. This management group is responsible for overseeing the activities of five thematic working groups. These groups are dedicated to promoting and implementing the WMO Basic Instruction Packages and competency frameworks; developing and sharing training resources; enhancing communication and outreach, including support for the WMO Global Campus initiative; addressing workforce and human resources development; and advancing consistent approaches to certification and micro-credentialing in training.

The second meeting of Plenary Members, CONECT-2, was held in October 2024 and was hosted by the China Meteorological Administration Training Centre in Beijing, China. A total of 47 participants from 22 countries took part in the meeting, which was conducted in a hybrid format, with 19 participants attending in person and 28 joining online. Key outcomes and recommendations from this meeting are available in Dr Jordaan's presentation published on the meeting webpage.

CONECT's working groups continue to coordinate their efforts through online collaboration. Current activities include the planning of webinars aimed at promoting the WMO Basic Instruction Packages, the design of a logo as part of the Consortium's communications and visibility strategy, and the preparation of two surveys focused on certification practices and the availability of training resources. In addition, CONECT actively promotes the use of WMO Global Campus tools and platforms to facilitate the sharing of training materials in all official WMO languages.

The next CONECT Plenary Meeting is scheduled to take place in November 2025 in Florence, Italy. This meeting will be held in a hybrid format and will be organized back-to-back with a joint education and training conference co-hosted with CALMet.

8. EW4All – Discussions on capacity development activities

Mr Cyrille Honoré (WMO Secretariat, Services Department, Director DRR) provided an update on the Early Warnings for All (EW4All) initiative, highlighting the organization's efforts and perspectives on capacity development within this global framework. Mr. Honoré emphasized that this is a collaborative effort involving multiple UN agencies and partners, and that WMO's role is to support countries and territories in building the capacities necessary to deliver timely and effective early warning information.

Capacity development activities in support of EW4All are broad in scope, encompassing the full value chain from observation infrastructure to service delivery. In 2024 alone, WMO facilitated over 120 training events reaching more than 4,000 participants. These activities took place in a variety of formats—face-to-face, hybrid, and online—and were largely supported by extra-budgetary resources, reflecting the strong project-based nature of this work.

Mr Honoré noted a growing emphasis on the use of simulation exercises as a training method to assess and improve real-life operational readiness and inter-agency coordination. These exercises are seen as essential for validating institutional arrangements and ensuring effective implementation of early warning services.

He also drew attention to WMO's substantial project portfolio, consisting of more than 50 active projects globally, although often smaller in scale compared to major infrastructure investments led by other development partners. He stressed the importance of WMO's technical standards, guidance materials, and training resources as foundational elements used by partners in national capacity-building efforts.

Finally, Mr Honoré underscored the need for cross-sectoral collaboration, including engagement with disaster managers, NGOs, local authorities, and the private sector. He highlighted emerging

areas such as the integration of artificial intelligence and the development of business continuity practices, both seen as critical to the sustainability of early warning systems.

In the discussion that followed, panel members expressed strong support for the initiative and emphasized the importance of effective monitoring, evaluation, and sustainability in capacity development investments. Concerns were raised about the verification of project outcomes and the long-term impact of both training and infrastructure-related activities. It was noted that while donor metrics often focus on disbursement, greater attention is needed to ensure impact, value for investment, and national ownership. Encouragingly, several countries are already collaborating with partners to develop shared implementation roadmaps, a practice seen as vital for ensuring alignment and avoiding duplication of efforts.

Panel members also underscored the importance of embedding competency-based approaches alongside formal training and of enhancing inter-agency coordination at the national level. The need to promote youth engagement and support career development for early-career professionals was highlighted, along with the relevance of WMO's Youth Action Plan. In view of the broad relevance and complexity of these issues, it was suggested that future meetings dedicate more time for in-depth discussion on EW4All and related cross-cutting capacity development priorities.

Action 1 (EC-CDP-10): Include discussions about the EW4All initiative in the Agenda of EC-CDP-11. More time should be allocated in the agenda to allow in-depth discussions.

Actionee(s): EC-CDP and Secretariat

Deadline: EC-CDP-11

9. Progress report on activities of the Expert Team on Education, Policy, and Competency Frameworks (ET-EPC)

Dr Maria Mamaeva and Dr Somenath Dutta, Co-Chairs of the Expert Team on Education, Policy, and Competency Frameworks (ET-EPC), presented a progress report on the team's recent activities. The ET-EPC addresses three key areas of its Terms of Reference: 1) the review of education and training policies and strategies, 2) support to the external review of WMO Regional Training Centres (RTCs), 3) guidance on the development and revision of competency frameworks, and support for WMO's gender equality and youth engagement efforts (specific Terms of Reference v, vi, and viii).

The co-chairs reported that a coordination meeting with CDP Chairs was held in September 2024, followed by the first working meeting of the ET-EPC in January 2025. During the latter, the group developed a draft action plan for 2023–2027. This plan was informed by the CDP Terms of Reference, the outcomes of EC-CDP-9, the WMO Gender Action Plan 2024–2027, and input from team members and the ETR Office.

Dr Mamaeva highlighted ET-EPC's ongoing support for the external reviews of WMO RTCs, noting that five reviews had been conducted in 2024, with six more planned for 2025. She also discussed activities related to the review of key WMO training publications and guidelines, and proposed efforts to develop gender-focused training materials and mentoring programmes in collaboration with RTCs. The team also acknowledged the value of fostering stronger collaboration between

academic institutions and National Meteorological and Hydrological Services (NMHSs), and expressed interest in incorporating such initiatives into future work.

Dr Dutta outlined the team's proposed actions related to competency frameworks, including the development of national-level forecaster competency documents based on WMO's overarching framework. He proposed creating an online platform, supported by the ETR Office, to enable member countries to share national examples of such documents and receive expert feedback. The aim is to encourage broader adoption and localized implementation of competency-based approaches.

Following the presentation by Dr Mamaeva and Dr Dutta, members of the Panel engaged in a constructive discussion focused on the development, implementation, and assessment of competency frameworks. Participants emphasized the need for a clearly defined process for reviewing, approving, and aligning competency frameworks with WMO standards and the Basic Instruction Packages (BIPs). The importance of linking competencies to job descriptions and national-level implementation strategies was highlighted, with several members advocating for the collection and sharing of case studies that demonstrate effective integration of competencies in operational contexts. The Panel noted the importance of documenting national examples, such as India's recently developed forecaster competency framework. ET-EPC committed to revising its action plan in light of the feedback received and welcomed further contributions from Panel members to guide its future work.

The Chairs of ET-EPC welcomed feedback from members of the Panel and emphasized its commitment to ensuring that its outputs are practical, visible, and useful to the global meteorological education and training community.

Action 2 (EC-CDP-10): ET-EPC to revise the action plan in light of the feedback received from members of the Panel.

Actionee(s): ET-EPC

Deadline: EC-CDP-11

Action 3 (EC-CDP-10): Dr Somenath Dutta to share with the members of the Panel the India's recently developed forecaster competency framework.

Actionee(s): Dr Somenath Dutta

Deadline: March 2025

10. Progress report on activities of the Expert Team on Guidance and Oversight of Capacity Development Matters (ET-GO)

Ms Karen McCourt and Dr Albert Martis, Co-Chairs of the Expert Team on Guidance and Oversight of Capacity Development Matters (ET-GO), presented an update on the team's formation and initial activities. The ET-GO was established to provide strategic oversight and guidance on capacity development issues, with a focus on the Panel's specific Terms of Reference iii, iv, vii, ix and x.

The team held an initial coordination meeting with the CDP Chair and Secretariat in October 2024, followed by full team meetings in November 2024 and January 2025. These meetings focused on interpreting the team's ToR and identifying priority areas for engagement. The team reviewed past requests from WMO governing bodies and aligned them with their ToR, prioritizing activities where ET-GO could add most value.

Among the items addressed since November 2024 were the development of training materials for Business Continuity Management (BCM), with a task team now in place and a draft training package expected by the end of 2025 (coordinated by Secretariat). The team also reviewed recommendations from the Eighth International Workshop on Volcanic Ash (IWVA-8), consulting Secretariat and concluding that no further action was required at this time but noting the importance of including this outcome in the EC-CDP-10 meeting report.

The team also discussed how to support the implementation of Congress Resolution 35 and the Scientific Advisory Panel's Recommendation #2, particularly in bridging the gap between global science capabilities and local impact. One proposal includes identifying regional champions to strengthen connections between research and operations.

The ET-GO's main focus moving forward will be enhancing coordination of capacity development activities within WMO. Initial efforts will centre on mapping training initiatives across technical commissions, regional training centres, and other WMO bodies to identify gaps, overlaps, and opportunities for improved collaboration. This will be supported by the development of a concept note and the identification of actionable items to be reported at the next CDP meeting in September 2025.

Finally, the team noted its role in supporting the independent evaluation of WMO development projects, a process initiated under EC-72 (support initiated during last CDP period). A consultant has been recruited, and ET-GO members will contribute to the ongoing assessment, with an open invitation extended to other CDP members wishing to be involved.

Following the presentation by the ET-GO Co-Chairs, Panel members expressed strong support for improved coordination of capacity development across WMO. The need to map existing training activities, align efforts across bodies, and avoid duplication was emphasized. Members endorsed proposals to engage regional champions to help bridge the gap between global science and local impact. The importance of enhancing public communication skills among technical staff was also highlighted. Additionally, there was a call to establish a clear, consistent process for reviewing and approving competency frameworks through the CDP and relevant WMO bodies.

Action 4 (EC-CDP-10): ET-GO members to explore the possibility of identifying Regional Champions to support this effort.

Actionee(s): ET-GO

Deadline: EC-CDP-11

Action 5 (EC-CDP-10): Develop a short concept note on a high-level mapping of training initiatives to identify gaps, duplication, and potential opportunities for synergies across technical commissions, regional training centres, and other WMO bodies.

Actionee(s): ET-GO

Deadline: EC-CDP-11

11. Presentations of newly proposed WCDF Case Studies

Two new case studies were shared with the Panel as examples of good practices in applying the WMO Capacity Development Framework (WCDF). Both case studies were submitted by the Indonesian Agency for Meteorology, Climatology and Geophysics (BMKG), and represent the first contributions received from WMO Regional Association V. The Chair thanked Professor Dwikorita Karnawati for her support in encouraging the development of these cases, which will be added to the collection maintained by the Capacity Development Panel (CDP).

The case studies were presented to the Panel, offering an opportunity for members to engage in discussion, ask questions, and provide feedback to the authors. The presentations included:

- Empowering Farmers and Igniting Societal Participation Through Climate Field School Program, presented by Mr. Marjuki, Director of the Applied Climate Center, BMKG; and
- Enhancing Fishermen's Safety and Catchment Through Weather Field School for Fishermen, presented by Ms. Widya Ayuningtiyas, Marine Meteorology Center, BMKG.

Both the written case studies and the presentation materials are available on the EC-CDP-10 meeting website.

Panel members praised the case studies for their strong alignment with the WCDF, their use of measurable impact indicators, and their emphasis on engaging local communities. The examples were acknowledged as models of best practice that should be broadly disseminated. To support this, members recommended increasing the visibility of such work through public webinars, and making use of WMO's Vimeo and YouTube channels, as well as broader social media platforms. Proposals included collaborating with initiatives such as the WCRP's "My Climate Risk" to share content and co-host events.

Further, the Panel supported the idea of establishing a task team in 2025 to enhance promotion of the WCDF and its associated case studies. The potential to organize an international competition to highlight innovative practices in applying the framework was also discussed. Members were encouraged to continue identifying additional case studies from across all Regional Associations to expand the global collection and share lessons learned.

Action 6 (EC-CDP-10): Add the two case studies to the Capacity Development Programme website.

Actionee(s): Secretariat

Deadline: March 2025

Action 7 (EC-CDP-10): Establish a task team to strengthen the promotion and visibility of the WCDF and its associated case studies, including through outreach activities, webinars, and the use of public platforms.

Actionee(s): EC-CDP and Secretariat

Deadline: July 2025

12. EC-79 – preparations from CDP

Mr Mustafa Adiguzel (WMO Secretariat, Science and Innovations/ETR) provided the Panel with an update on preparations for the upcoming 79th session of the WMO Executive Council (EC-79). He outlined three contributions that will be submitted from the Capacity Development Panel (CDP), to be developed with assistance of the Secretariat. All documents are scheduled for internal submission by 27 March 2025 to allow time for clearance, translation, and publication ahead of the 16 May deadline for posting to the EC-79 meeting site.

The first contribution is a consolidated resolution on the designation and reconfirmation of WMO Regional Training Centres (RTCs). This resolution will incorporate the results of recent external reviews conducted for RTCs in Brazil, Peru, Argentina, Nigeria, and Iran. Mr. Adiguzel confirmed that all reviews had been positive, although each included recommendations for further improvement. He acknowledged the contributions of CDP members involved in leading these reviews and emphasized the practical value and measurable impact of the external review process.

The second document will be a consolidated report from the four Executive Council panels, including a focused two-page summary of CDP activities. The CDP Chair, with support from the Secretariat, will lead the preparation of this summary. The third planned submission will concern proposed updates to the membership of subsidiary bodies under the Executive Council, including any changes affecting CDP representation.

During the brief discussion that followed, Panel members welcomed the update and expressed appreciation for the Secretariat's coordination. The growing number of RTC-related activities and new regional initiatives was noted as a positive sign of progress in WMO's capacity development work.

13. Next CDP Meeting (EC-CDP-11)

Ms Luciane Veeck (WMO Secretariat) provided the Panel with an overview of the planning timeline for upcoming meetings of the Executive Council Capacity Development Panel (EC-CDP). The Panel was reminded that the Eleventh Meeting (EC-CDP-11) is scheduled to take place from 22 to 26 September 2025, as agreed in 2024. The Secretariat encouraged members to collaborate in developing the provisional agenda, with a target for confirmation by April 2025 to allow the formal invitation to be issued by May. This timeline is designed to ensure sufficient notice for travel and participation planning.

Proposed dates for the 2026 meetings were reviewed and approved by the Panel. These are:

- Twelfth Meeting of the EC Capacity Development Panel (EC-CDP-12) – online: 16–17 February 2026.
- Thirteenth Meeting of the EC Capacity Development Panel (EC-CDP-13) – hybrid: 21–25 September 2026.

No conflicts were identified with other scheduled WMO subsidiary body meetings, although the need for continued coordination was noted. A specific concern was raised regarding overlapping travel for CDP and Research Board meetings. It was agreed that participants who expect to attend

multiple meetings in close succession should inform both organizing secretariats in advance, allowing for coordination of travel logistics and cost-sharing where feasible..

Action 8 (EC-CDP-10): Panel members to collaborate defining the provisional agenda of EC-CDP-11.

Actionee(s): EC-CDP and Secretariat

Deadline: April 2025

14. Any other Business

Under “Any Other Business,” Dr Carla Gulizia invited final contributions from Panel members before closing the meeting. Professor Dwikorita Karnawati proposed the creation of a global alumni network for individuals who have participated in WMO training programmes. She noted that such a network could foster continued engagement, knowledge exchange, and professional development among training alumni, while also enhancing the visibility and impact of WMO’s capacity development work. The suggestion was welcomed by members, with Dr Winifred Jordaan indicating that CONECT could explore incorporating this idea into its existing activities.

Dr Albert Martis raised the need to improve coordination and visibility of the Capacity Development Panel (CDP) across WMO structures. He proposed that the CDP Chair issue a general communication to the Chairs of technical commissions and subsidiary bodies of EC, informing them of the CDP’s structure and the support available through its two expert teams. The goal would be to encourage collaboration, reduce duplication of efforts, and ensure capacity development activities are strategically aligned. The Panel supported the suggestion, and the Chair agreed to work with the Secretariat to draft a letter for circulation to relevant bodies.

Action 9 (EC-CDP-10): EC-CDP Chair to issue a general communication to the Chairs of technical commissions and subsidiary bodies of EC, informing them of the CDP’s structure and the support available through its two expert teams.

Actionee(s): EC-CDP Chair and Secretariat

Deadline: June 2025

15. Closure of EC-CDP-10

In her closing remarks, Dr Carla Gulizia, Vice-Chair of the EC Capacity Development Panel, expressed sincere appreciation to all members for their active engagement, thoughtful contributions, and collaborative spirit throughout the two-day meeting. She noted that the discussions had reinforced the vital role the Panel plays in advancing capacity development within WMO, while also underscoring the importance of engaging with stakeholders beyond the WMO community.

Dr Gulizia highlighted the substantial work ahead and the high expectations placed on the Panel to provide meaningful advice and guidance. She emphasized the need for continued online collaboration in the coming months to ensure effective follow-up on the actions and recommendations agreed upon during the meeting, particularly in preparation for EC-CDP-11.

Dr Gulizia also extended her gratitude to the WMO Secretariat for their ongoing support in organizing the meeting and facilitating its proceedings. She encouraged Panel members to maintain the momentum built during the session and to contribute to the planning of the next meeting.

With those remarks, the Vice-Chair formally closed the Tenth Meeting of the EC Capacity Development Panel.

ANNEXES

Annex-I List of Participants EC-CDP-10

CDP Members:

Mr John Ogren
Dr Somenath Dutta
Dr Carla Gulizia
Dr Winifred Jordaan
Ms Karen McCourt
Ms Jennifer Milton
Prof. Odjugo Peter
Prof. Mary Scholes
Dr Albert Martis
Dr Maria Mamaeva
Dr Toky Nandrasana Ramanakoto
Mr Volkan Coşkun
Dr Ardhasena Sopaheluwakan
Prof Dwikorita Karnawati

NOTE: Excuse notes were received from Mr Daouda Konate, Dr David Farrell, and Dr YU Yubin, who could not attend the meeting. They all designated alternates to represent them in the meeting.

Invited Speakers:

Mr Joshua Campbell
Dr Ned Guttman

Alternates and Advisors:

Mr Ferdinand Eklou - Alternate to Mr Daouda Konate
Ms Kathy-Ann Caesar - Alternate to Dr David Farrell
Mr Murat Altinyollar, and Merve Senol - Advisors to Mr Volkan Coşkun
Dr Nelly Florida Riama, Adityawarman, Ms Anni Arumsari Fitriany, Mr Bagus Rachmat Rievan, Ms Ratih Prasetya, Ms Evie Rumondang, Mr Eko Prasetyo, Mr Siswanto, Ms Rizka Yuniutami, and Ms Dava Amrina - Advisors to Prof. Karnawati

WMO Secretariat:

Ms Ko Barrett
Dr Paul Bugeac
Mr Mustafa Adiguzel
Ms Luciane Veeck
Mr Cyrille Honoré
Ms Yuliana Purwanti
Ms Eunjin Choi
Ms Lauren Stuart
Ms Cristina Levinski
Ms Hong Fan

Annex-II Actions from EC-CDP-10

Action 1 (EC-CDP-10): Include discussions about the EW4All initiative in the Agenda of EC-CDP-11. More time should be allocated in the agenda to allow in-depth discussions.

Actionee(s): EC-CDP and Secretariat

Deadline: EC-CDP-11

Action 2 (EC-CDP-10): ET-EPC to revise the action plan in light of the feedback received from members of the Panel.

Actionee(s): ET-EPC

Deadline: EC-CDP-11

Action 3 (EC-CDP-10): Dr Somenath Dutta to share with the members of the Panel the India's recently developed forecaster competency framework.

Actionee(s): Dr Somenath Dutta

Deadline: March 2025

Action 4 (EC-CDP-10): ET-GO members to explore the possibility of identifying Regional Champions to support this effort.

Actionee(s): ET-GO

Deadline: EC-CDP-11

Action 5 (EC-CDP-10): Develop a short concept note on a high-level mapping of training initiatives to identify gaps, duplication, and potential opportunities for synergies across technical commissions, regional training centres, and other WMO bodies.

Actionee(s): ET-GO

Deadline: EC-CDP-11

Action 6 (EC-CDP-10): Add the two case studies to the Capacity Development Programme website.

Actionee(s): Secretariat

Deadline: March 2025

Action 7 (EC-CDP-10): Establish a task team to strengthen the promotion and visibility of the WCDF and its associated case studies, including through outreach activities, webinars, and the use of public platforms.

Actionee(s): EC-CDP and Secretariat

Deadline: July 2025

Action 8 (EC-CDP-10): Panel members to collaborate defining the provisional agenda of EC-CDP-11.

Actionee(s): EC-CDP and Secretariat

Deadline: April 2025

Action 9 (EC-CDP-10): EC-CDP Chair to issue a general communication to the Chairs of technical commissions and subsidiary bodies of EC, informing them of the CDP's structure and the support available through its two expert teams.

Actionee(s): EC-CDP Chair and Secretariat

Deadline: June 2025