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| WEATHER CLIMATE WATER | **World Meteorological Organization**  **COMMISSION FOR OBSERVATION, INFRASTRUCTURE AND INFORMATION SYSTEMS**  **Third Session** 15 to 19 April 2024, Geneva | **INFCOM-3/Doc. 10** |
| Submitted by:  President of the Commission  23.II.2024  **DRAFT 1** |

**AGENDA ITEM 10: CAPACITY DEVELOPMENT**

# CAPACITY DEVELOPMENT

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| **Summary** |
| **Document presented by:** President of the Commission, based on the recommendations of the Commission’s coordination mechanism for capacity development activities  **Strategic objective 2024–2027:** 2.1, 2.2, 2.3, 4.1, 4.2, 4.3  **Financial and administrative implications:** within the parameters of the Strategic and Operating Plans 2024–2027.  **Key implementers:** INFCOM, in consultation with SERCOM, Research Board, Capacity Development Panel (CDP) and RAs  **Time frame:** 2024–2026  **Action expected:** Review the proposed draft decision |

# DRAFT DECISION

## Draft Decision 10/1 (INFCOM-3)

### Capacity Development

**The Commission for Observation, Infrastructure and Information Systems decides:**

(Coordination mechanism within INFCOM)

(1) To endorse the established mechanism for coordination on capacity development activities among INFCOM groups, with particular focus on activities that contribute to the Early Warnings for All initiative;

(2) To utilize this mechanism to coordinate capacity development activities led by INFCOM, including, but not limited to, the items below, using the WMO Capacity Development Strategy adopted as [Resolution 36 (Cg-19)](https://library.wmo.int/idviewer/67177/427) - WMO Capacity Development Strategy (WCDS), as an overall guidance;

(3) To endorse the establishment of the [Capacity Development Materials Dashboard](https://community.wmo.int/en/capacity-development-materials-dashboard) to improve the access existing capacity development and training materials, and further develop and maintain it;

(Competency Framework)

(4) To review, in collaboration with the regional offices, the existing Competency Frameworks (Part V of the [*Technical Regulations*](https://library.wmo.int/idurl/4/35722) (WMO-No. 49), Volume I – General Meteorological Standards and Recommended Practices and the [*Compendium of WMO Competency Frameworks*](https://library.wmo.int/idurl/4/56877)(WMO-No. 1209)), and, in coordination with the Capacity Development Panel (CDP), assess the needs and requirements, and draft a plan for updating the existing and developing new Competency Frameworks, as necessary;

(a) Noting the ongoing effort of the Standing Committee on Measurements, Instrumentation and Traceability (SC-MINT) to map existing guidance and training materials to required competencies and to identify potential gaps (as presented in [INFCOM-3/INF. 10](https://meetings.wmo.int/INFCOM-3/_layouts/15/WopiFrame.aspx?sourcedoc=%7b3EE9ABA5-294D-4456-8F25-8826671A87A4%7d&file=INFCOM-3-INF10-CAPACITY-DEVELOPMENT_en.docx&action=default) Section A), to encourage other groups to leverage the experience;

(Plan and implementation of training activities)

(5) To endorse, with appreciation, the training events organized during the intersessional period since October 2022 (as presented in [INFCOM-3/INF. 10](https://meetings.wmo.int/INFCOM-3/_layouts/15/WopiFrame.aspx?sourcedoc=%7b3EE9ABA5-294D-4456-8F25-8826671A87A4%7d&file=INFCOM-3-INF10-CAPACITY-DEVELOPMENT_en.docx&action=default) Section B), and the current plan of capacity development activities (as presented in [INFCOM-3/INF. 10](https://meetings.wmo.int/INFCOM-3/_layouts/15/WopiFrame.aspx?sourcedoc=%7b3EE9ABA5-294D-4456-8F25-8826671A87A4%7d&file=INFCOM-3-INF10-CAPACITY-DEVELOPMENT_en.docx&action=default) Section C), and request the Management Group, in coordination with CDP and regional working groups, supported by the regional offices, to support the implementation of these activities;

(6) To note the support to the implementation of the Global Basic Observing Network (GBON) through the Systematic Observations Financing Facility (SOFF) reported in [INFCOM-3/INF. 8.1(4)](https://meetings.wmo.int/INFCOM-3/InformationDocuments/Forms/AllItems.aspx), and to encourage the Standing Committee on Earth Observing Systems and Monitoring Networks (SC-ON), SC-MINT, and the Standing Committee on Information Management and Technology (SC-IMT) to support the capacity development opportunities created by SOFF through their regional centre activities, training material and events, in the context of WMO’s role as Technical Authority to SOFF;

(7) To promote the Earth system approach in any capacity development activities by involving Earth system domains/disciplines, especially ocean, hydrology, cryosphere, atmospheric composition, and space weather, as well as by enhancing cooperation among regional centres of WMO with other bodies of Earth system domains/disciplines (e.g. Global Ocean Observing System (GOOS) Regional Alliances);

(8) To encourage INFCOM-related centres (e.g. Regional WMO Integrated Global Observing System (WIGOS) Centres (RWCs), Regional Instrument Centres (RICs), Regional Marine Instrument Centres (RMICs), World and Regional Radiation Centres (WRC and RRC) and Measurement Lead Centres (MLCs), WMO Information System (WIS) Centres, WMO Integrated Processing and Prediction (WIPPS) Centres) to collaborate with Regional Training Centres (RTCs), supported by the regional offices, on the development and conduction of the training activities towards the achievement of the WMO long-term goals and the strategic objectives;

(a) Noting the ongoing effort of SC-ON to develop a training framework for WIGOS, mainly in the area of GBON and WIGOS tools at this moment (as presented in [INFCOM-3/INF. 10](https://meetings.wmo.int/INFCOM-3/_layouts/15/WopiFrame.aspx?sourcedoc=%7b3EE9ABA5-294D-4456-8F25-8826671A87A4%7d&file=INFCOM-3-INF10-CAPACITY-DEVELOPMENT_en.docx&action=default) Section D) as a reference document for any capacity development activities related to this area, and to encourage other groups to leverage the experience;

(b) To identify and mobilize existing education and training opportunities and resources and seek the possibility to expand the designated centres network where appropriate;

(9) To explore innovative ways, including the use of machine translation, to make materials available in languages other than English, as well as to promote the use of existing guidance, including the [COMET Translation Resource Center](https://courses.comet.ucar.edu/course/view.php?id=181#section-0), to facilitate the preparation of training materials in more than one language;

(10) To coordinate with the WMO Global Campus and CONECT initiatives for the development and mobilization of education and training opportunities and resources, develop partnerships and leverage supporting technologies for collaborative projects, and share resources across institutions, by using, as relevant, interoperable technological means;

(Organization of Technical Conference (TECO), with Private Public Engagement)

(11) Noting the plan for TECO in 2024 (from 23 to 26 September 2024, in Vienna, Austria), to continue regular, biennial organization of the WMO Technical Conferences on the Meteorological and Environmental Instruments and Methods of Observation (TECOs) as an excellent opportunity for training and capacity development, including a mutually beneficial partnership with the private sector.

See [INFCOM-3/INF. 10](https://meetings.wmo.int/INFCOM-3/_layouts/15/WopiFrame.aspx?sourcedoc=%7b3EE9ABA5-294D-4456-8F25-8826671A87A4%7d&file=INFCOM-3-INF10-CAPACITY-DEVELOPMENT_en.docx&action=default) for more information.

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Decision justification: [Resolution 36 (Cg-19)](https://library.wmo.int/idviewer/67177/427) - WMO Capacity Development Strategy (WCDS), [Resolution 37 (Cg-19)](https://library.wmo.int/idviewer/67177/459) - Education and Training, and [Resolution 38 (Cg-19)](https://library.wmo.int/idviewer/67177/463) - Other Capacity Development Matters, which promote the provisions of WCDS in the capacity development efforts in INFCOM, and request to support development and delivery of education and training activities. [Decision 4 (EC-76)](https://library.wmo.int/idviewer/66258/1224) - Recommendations of the Capacity Development Panel (CDP), which promotes research-to-operation continuum.

Note: The present decision replaces [Decision 20 (INFCOM-2)](https://library.wmo.int/viewer/66287/?offset=#page=246&viewer=picture&o=bookmark&n=0&q=) – Capacity development, which is no longer in force.

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