

CONNECT
2023/2024 report
Year 1

CONNECT INITIATIVE – Where it comes from

- Participants of SYMET-14 strongly endorsed the “Board of Education and Training Collaborating Partners” as a formal mechanism to achieve the goals of the WMO Global Campus initiative.
- A suggestion was made to change the name of the entity as the use of the term “Board” could mislead Members into considering the entity as part of the governance structure. As the entity is not intended to be directly involved in governance, the name should more clearly reflect the purpose of the “Group”.
- The Secretariat further developed the concept under a newly proposed name: “Consortium of WMO Education and Training Collaborating Partners (CONNECT)”

What is the Consortium of WMO Education and Training Collaborating Partners?

- Consortium of WMO Education and Training Collaborating Partners (CONNECT) is an entity that will:
 - be a formal mechanism to achieve the goals of the WMO Global Campus initiative
 - complement the work of the WMO Capacity Development Panel
 - assist in building critical mass of support for ensuring technically sound, coherent, consistent and timely input of stakeholders towards the provision of desirable strategic direction for education and training activities.
 - constitute a viable ground for minimization of duplication, to complement efforts, maximize impacts, and enhancing cost-effective use of resources

CONNECT INAUGURATION

- First Meeting of the Consortium of WMO Education and Training Collaborating Partners
- CONNECT-1 was held on:
 - 17 – 19 April 2023
 - Hybrid with the face to face at
 - WMO headquarters



Agreed Terms of Reference

- **Key responsibilities of all participating entities**
 - a) Share their annual education and training plans, with the aim of aiding coordination and collaboration between training providers to meet the education and training needs of WMO Members in line with the WMO Strategic Plan;
 - a) Participate in the discussion of training priorities with the aim of enhancing collaboration for the provision of well-balanced subject coverage and geographical distribution of education and training.

Agreed Terms of Reference

- **Contributions expected from members of the Consortium of WMO Education and Training Collaborating Partners**
 - a) Provide required input to meetings of the CONECT.
 - b) Actively engage in the discussion and development of guidelines on educational practices to be recommended to collaborating partners as means to achieving the goals of the WMO Global Campus.
 - c) Actively contribute to activities and working groups that may be set by the MG of CONECT.

Agreed Terms of Reference

- **Contributions expected from members of the Consortium of WMO Education and Training Collaborating Partners (continued)**
 - d) Advocate for the adoption of shared practices recommended by the WMO Global Campus.
 - e) Based on identified priority areas from WMO Strategic Plan, review and assess WMO training requirements; plan, deliver, and evaluate training events and activities in subject areas relevant to meteorology, hydrology, and related environmental disciplines.
 - f) Share relevant information related to the organization and implementation of the training events and activities for information.

Agreed Terms of Reference

- **Contributions expected from members of the Consortium of WMO Education and Training Collaborating Partners (continued)**

G) Share post-event evaluation reports and evaluations of the impacts of training provided;

h) Share information on the implementation of new training approaches and their impacts on the development of staff and the organization;

i) Share information on the means of identifying education and training needs and filling the gap between education and operational activities to increase the level of effectiveness of learning;

J) To keep under review where the relevant Universities and National Meteorological and Hydrological Services (NMHSs) with its training institutions can work more together and issue relevant advisories from time to time.

Agreed Terms of Reference

- **WMO Secretariat support**
 - a) Provide advice and suggestions on education and training priority areas after due consultation with scientific and technical departments and according to outcomes of survey of Members' priorities and the implementation plans.
 - b) Coordinate meetings of CONECT, with the aim of garnering updates, reviewing approaches, and developing strategies on delivery of education and training activities.
 - c) Publicize through Website and its Community Platform the themes and foci of training events and activities that have a high probability of being held in the coming year(s) based on communication from stakeholders (Members, RTCs and partners).

Agreed Terms of Reference

- **WMO Secretariat support**
- d) Provide reports on the planning and implementation of training events and activities.
- e) Assist in fostering cooperation and establishing partnerships between education and training providers.

18 Members elected by WMO RAs to form CONNECT Management Group

- Mohamed Tawfik Abdeldayem, Egypt (Male)
- Winifred Jordaan, South Africa (Female) Chair
- DIAKARIA KONE, Niger (Male)
- Valerii Micheev, Russian Federation (Male)
- Gaurishankar Kallappa Sawaisarje, India (Male)
- YU Yubin, China (Male)
- Solangela Edit Sánchez Cuevas, Chile (Female)
- Vagner Anabor, Brazil (Male) Vice-Chair
- Romina Nahir Mezher, Argentina (Female)

ARPITA MANDAL, Jamaica (Female)

~~Michelle Hardy, Canada (Female)~~

Replaced by Stepher Kerr Canada (Male)

Bernadette Connell, USA (Female)

Mick Pope, Australia (Male) Vice-Chair

Nelly Florida Riama, Indonesia (Female)

Michael S. Bala, Phillipines (Male)

~~Steven Callaghan, United Kingdom (Male) Vice-Chair~~

Waiting for conformation who will take over.

Barbara BOURDELLES, France (Female)

Marina Baldi, Italy (Female)

Specialized Working Groups (WGs) of CONECT

- Five Working Groups have been defined for initial activities of CONECT:
- *Note: Names of WG may be refined once the Groups meet and agree on their initial plan of activities.*

- **Group 1: Promoting Basic Instruction Packages (BIPs) and competency frameworks implementation**
- Main topics to address: Promote the adoption of BIPs, discuss challenges on implementation, share success stories.

- **Group 2: Training Resources**
- Main topics to address: Promote sharing of training resources and co-development, discuss copyright standards, minimum metadata and related challenges that can facilitate re-use, Check for major gaps in resources already shared through Global Campus E-Library.

- **Group 3: Communications and outreach of CONECT and Global Campus initiative**
- Main topics to address: Develop a communication strategy and plan for CONECT and Global Campus.

- **Group 4: Work force/Human Resources**
- Main topics to address: Discuss education and training outreach initiatives, succession challenges, promote WMO gender policy, explore resource mobilization and benefits of belonging to CONECT.

- **Group 5: Pedagogical aspects**
- Main topics to address: Discuss approaches and national requirements for certificates and related metadata, share good practices and develop guidance to promote wider acceptance of certificates, explore benefits and challenges of using and sharing micro-credentials.

Decisions from CONECT-1

- **Decision 1 (CONECT-1):** The period of work of elected members of CONECT Management Group is 4 years (Add to Structure and working procedures).
- **Decision 2 (CONECT-1):** New nominations can be proposed by plenary and by PRs, based on criteria: a) representatives from institutions working with education and training in meteorology, hydrology, and climate. (Add to Structure and working procedures).
- **Decision 3 (CONECT-1):** Reports of CONECT activities will be shared with all partners interested in CONECT, PRs and hydrological advisors, and bodies of WMO.
- **Decision 4 (CONECT-1):** Use the WMO ETRP Moodle platform to keep information about meetings of CONECT and assist the work of the Management Group.

Actions from CONECT 1

- **Action 1 (CONECT-1):** BIP Programme developed by AEMET to be shared with Global Campus. Secretariat to make it available as example of application of BIPs (Trainer Resources Portal)
- **Actionee(s):** Javier F. Villares (AEMET) to consult the possibility to share the document widely. Secretariat to make it available.

- **Action 2 (CONECT-1):** Management Group to be contacted to share draft documentation from CONECT-1 and book the first meeting of MG. First meeting to take place after WMO Congress.
- **Actionee(s):** CONECT Chair and Vice-Chairs, and Secretariat.

- **Action 3 (CONECT-1):** Based on the key topics highlighted by participants of CONECT-1, the Management Group to consider the mechanisms for establishing 5 WGs for CONECT. **Actionee(s):** CONECT Management Group assisted by Secretariat.

Recommendations from CONECT 1

- **Recommendation 1 (CONECT-1):** Members of CONECT to work together to reach the common goals identified by the CONECT Plenary.
- **Recommendation 2 (CONECT-1):** CONECT to encourage co-design and co-creation of training materials.
- **Recommendation 3 (CONECT-1):** CONECT participants to write short case studies to illustrate their national models of engagement between universities and NMHSs. The case studies should contain a brief explanation of how the engagements work, celebrate the successes (what works well), present the challenges (where improvement is needed).
- **Recommendation 4 (CONECT-1):** WMO Secretariat and CONECT partners to collaborate to promote exchange of human resources between institutions to move the Consortium forward.
- **Recommendation 5 (CONECT-1):** CONECT to contribute to promoting sharing of education and training resources and events, in all languages, by using the WMO Global Campus tools.
- **Recommendation 6 (CONECT-1):** CONECT to encourage education and training partners to use clear and objective language in the development of training materials to enhance the ability of translation.

Management Meeting 1

- 19 July 2023:
 - **Action 1:** The CONECT public pages in the ETRP Moodle site will be populated with needed information to advertise the activities of the Consortium
 - **Actionee(s):** Secretariat

 - **Action 2:** A restricted page in the CONECT section of the ETRP Moodle site will be created for the activities of the MG. This will contain sub-pages dedicated to each of the WGs.
 - **Actionee(s):** Secretariat

 - **Action 3:** volunteers from the MG are identified for the Chair and Vice-Chair positions in each of the WGs
 - **Actionee(s):** MG

 - **Action 4:** Details regarding the branding are identified, letters of recognition of membership in the MG of CONECT issued
 - **Actionee(s):** Secretariat, CMG

Management Meeting 1

- 19 July 2023, online:
 - **Action 5:** The procedure for acceptance of new members in CONECT is made available on the public page of CONECT
 - **Actionee(s):** Secretariat, MG
 - **Action 6:** Secretariat to submit to the MG a template for identifying the competencies and commitments of the CONECT Members.
 - **Actionee(s):** Secretariat
 - **Action 7:** Secretariat to submit to the MG a template for identifying the competencies for the independent experts.
 - **Actionee(s):** Bernie Cornell, Secretariat

Management meeting 2

- 24 January 2024, online:
 - **Action 1:** Working Groups (WG) to submit a short document stating the goals of the WG and a list of initial activities. WG were also requested to communicate the dates of their planned meetings to the MG and WMO Secretariat.
 - **Actionee(s):** Chairs and Vice-Chairs of Working Groups
 - **Action 2:** Winifred to send invitation to CONECT Plenary members announcing the opportunity to join the WGs. Chairs and Vice-Chairs of WGs to collect the self-nominations for approval.
 - **Actionee(s):** Winifred, Chairs and Vice-Chairs of Working Groups
 - **Action 3:** Include an item in the draft Agenda of CONECT-2 for Regional Group Discussions.
 - **Actionee(s):** MG and Secretariat

Management meeting 2

- 24 January 2024, online:
 - **Action 4:** MG volunteers to provide initial review and feedback on the selection of papers to be published in the new edition of the Global Campus Innovations.
 - **Actionee(s):** Marina B., Mick P., Stephen C., Bernie C., Romina M. and Lu V.
 - **Action 5:** Those who have training resources to share, to contact Lu Veeck to have access to the pilot solution and test submitting the resource to the WMO Global Campus Collection of Learning Resources.
 - **Actionee(s):** MG

Chair and vice-chair of the working groups

- Group 1: Promoting Basic Instruction Packages (BIPs) and competency frameworks implementation
chair: *Mohammed Tawfik* *vice-chair Barbara Bourdelles*
- Group 2: Training Resources
Chair: *Mick Pope* *vice-chair Romina Mezher*
- Group 3: Communications and outreach of CONECT and Global Campus initiative
Chair: *Marina Baldi* *vice-chair Nelly Florida, and Vagner Anabor*
- Group 4: Work force/Human Resources
Chair: *Valerii Micheev* *vice-chair Bernie Connell*
- Group 5: Pedagogical aspects
Chair: *YU Yubin*

Management Meeting 3

- 28 May 2024 online:
 - Reports on the working groups work plan
 - Consideration of New Members of CONECT Plenary
 - Planning of the Second CONECT Plenary Meeting – CONECT-2
 - Decision to meet with the host of CONECT-2
- Meet with the host of CONECT-2 - 5 June 2024

Management Meeting -4

- 12 September 2024, online
- Finalization of CONECT 2 agenda.

CONNECT 2

- Hybrid meeting:
- 22-24 October 2024

Hosted by *China* Meteorological Administration Training Centre
(*CMATC*)

Beijing,

China

Final word

- Thank you to all that contributed, especially the MG and vice-chairs
 - Thank you to the secretariat for your full support
- Thank you to our host, CMATC for excellent organization and support

Thank you
Merci