<div align="right">**APPENDIX XXIII [PCTA Item 9.3]**</div>

**AGENDA FOR THE 9TH MEETING OF THE
WORKING GROUP ON CAPACITY DEVELOPMENT,
TRAINING AND EDUCATION (WG-CDTE)**
5 September 2024, 14:00-15:30 Hours (Session-I)
5 September 2024, 16:00-17:30 Hours (Session-II)
Sydney, Australia

Strategy Theme: Sustainable Development

Presented by the Chairman

Year of Establishment: 2015   **Extended completion of the Mandate: 2027**

Mandate: (i) Coordinate and guide the knowledge management activities of the Commission and the capacity development activities by various WGs : *(a) Compile the status of training and educational programmes offered in different regions; & (b) Compile the Educational Programs being offered in irrigation and drainage in different regions;* (ii) Identify the training and education requirements, and identify gaps in available training programs, explore the feasibility of developing e-learning program and prepare guidelines for their development to support education and training programmes; (iii) Explore the scope of use of IT in capacity development including distant learning, and implement where feasible; (iv) Make available various tools required for sustainable development; (v) Oversee the establishment and functioning of a Technical Support Unit for supporting NCs; and (vi) Facilitate the process of balancing education and training requirements, and provision of training services.

Website: http://icid-ciid.org/inner_page/129

WG-CDTE Agenda Item 1:   Action Taken Report by Chair

1.   The Chair will present the report on the actions taken on the decisions and proposals of the working group at its last meeting held in 2023 at Vizag, Andhra Pradesh, India.

WG-CDTE Agenda Item 2:   Review the membership of the WG

2.   ICID Central Office has not received any new nominations for the membership of the WG.

3.   Chair in consultation with Vice Chair, Secretary of the WG and the Central Office have updated the membership of the WG as given at **Annex 1** (*refer electronic version for latest membership*). New nominations, if any, for the membership received will be processed suitably after the meeting.

WG-CDTE Agenda Item 3:   Memorandum of Understanding (MoUs)

4.   ICID Central Office has not received any new nominations for the membership of the WG.

5.   In order to promote activities of the group, the WG-CDTE, ICID signed a MoU with National Research Institute for Rural Electrification (NRIRE) / Hangzhou Regional Center (Asia & Pacific) for Small Hydro Power (HRC), Ministry of Water Resources, People's Republic of China on 17 September 2023. The objective of this MoU is to express common understanding and sincerity for cooperation in good faith and to consider a general framework for cooperation. Based on the existing training and research activities under NRIRE/HRC and WG-CDTE, the collaboration shall involve a wide participation of relevant universities, research institutes and companies etc.

6.   Further, the WG-CDTE, ICID signed another MoU with the Institute of Geographic Sciences and Natural Resources Research (IGSNRR), CAS, People's Republic of China on 25 February 2024. The scope of works includes, organizing workshops and training courses on irrigation, drainage, water management and saving techniques and their proper use; spreading awareness on climate smart agriculture and solar energy technologies and their uses in agriculture and irrigation; and to focus on managerial approaches, standard formulation and emergency support, so as to enhance the capacity of water management area.

7.   The Chair may provide further updates, if any, at the meeting.

WG-CDTE Agenda Item 4:   Road Map to ICID Vision 2030 – Status of Activities

8.   The WG reviewed the status of activities under the Action Plan (Road Map to ICID Vision 2030) to help NCs develop their capabilities and overcome any knowledge or skill gap which includes young professional training & educational programs, workshops, seminars, conferences, e-discussions and sharing of the information (webinar/web-based activities), dissemination of the knowledge, e-learning material. Accordingly, the WG updated the activities identified as per the Road Map to ICID 2030 (**Annex 2**). The activities identified for the year 2024, as per Road Map were as follows:

- **Goal C**: *Facilitate exchange of information, knowledge, and technology* (C5. Strategy: Dissemination of Data, Information, Tools, Knowledge and Know How); E-discussion and Webinars at NC's levels, regional and global levels.

- **Goal E**: *Encourage research and support development of tools to extend innovation into field practices* (E1. Strategy: Support Improving Research Prioritization in the Countries); Analysis of the data collected – Research Need Assessment (RNA); Final Report of RNA; Technical support services for NC's and partners.

- **Goal F**: Facilitate Capacity Development

  F1.   Strategy: Enhancing Institutional Capacity Development of Member Countries); Preparing programs for study tours to pilot farms upon request from NC's and others; Emails to NC's for Nomination of experts; Data Collections; Data analysis; Finalization and release of TNA Report.

  F2.   Strategy: Support Capacity Development Activities of Member Countries):

    2.1   Facilitate donor NCs support joint research, invitations training, YP support program, or membership subscription in certain period (TSU); Finalization and dissemination of technical report; Sending emails and letters from CO to NC's; Dissemination of TSU reports (if any).

    2.2   Report on capacity development needs, available training courses, gaps, institutes which can provide training to fill gaps etc.; Training Programmes according to TNA of different levels.

  F3.   Strategy: Technical Training of Young Professionals from Member countries;

    3.1   Develop on-line training and extension material to be used in support of improving irrigation practices and increasing water productivity; YP training programme;

    3.3   Establishment of a distance learning mechanism: E-learning modules:

    3.4   Capacity development/training program on request from NCs: Organization of regional training program (one) every year; Organization of African Young Professional forum every year;

    3.5   An online directory of institutes providing formal degree/s in Irrigation and Drainage: Updating of Information, Online courses

  F5.   Strategy: Providing Technical Support to NC's (TSU): Study tours, Diagnosis studies, Tailor made training upon request of NCs.

9.   The Chair may provide further updates, if any, at the meeting.

WG-CDTE Agenda Item 5:   Promoting Capacity Development, Training, and Education

WG-CDTE Agenda Item 5.1:   Training Programs for YPs in September 2024 during Sydney Meetings

10.   Due to current financial situation, this year, ICID is not organizing any YP training programme. It will not be possible to sponsor the YPF for attending the 9th ARC at Sydney, Australia. However, IACID is trying to arrange some funds for YP-TP at Sydney.

11.   IACID representative will provide further updates if any, during the meeting.

WG-CDTE Agenda Item 5.2:   TF on Women's Empowerment in Water Resources Management – Updates

12.   During the 74th International Executive Council (IEC) meeting held at Vizag (India), IEC approved the establishment of the Task Force on Women Empowerment in Water Management (TF-WEWM), vide Resolution IEC-2/74. In this regard, ICID Central Office has circulated the Notification No.2 of 18 January 2024 to all members of the WG.

13.   The primary aim of this Task Force is to empower women in sustainable water resource management and agriculture water management in ICID member countries. This will be achieved by increasing women's participation in decision-making processes and policy development at managerial and governance levels. Empowering women and giving them a more prominent role in managing the water sector can lead to more significant sustainable development and gender equity. The following composition & Terms of Reference (ToR) are given below:

Terms of Reference

1.   Identify the challenges to women's participation in governance and decision-making levels.
2.   Acknowledge the opportunities for harnessing women's capacity to improve water governance and management.
3.   Review the current status of women's participation and their role in managing water resources and agricultural water management.
4.   Review existing global experiences and successful international models in women's empowerment in water
5.   Encouragement international organizations to collaborate with this ICID initiative
6.   Providing a platform for joint projects between ICID and international partner
7.   Dissemination of the outcome among related parties

14.   During the first virtual meeting of the TF-WEMM held on 19th February 2024 issues like membership of TF, review of TF ToR & Goals and Road Map to ICID Vision 2030 were discussed. The minutes of the meeting have aleady been circulated among the members of TF.

15.   Dr. Narges Zohrabi, Chairperson of the TF, will provide further updates, if any, during the meeting.

WG-CDTE Agenda Item 6:   Dissemination of Knowledge – Website

16.   The working group Website (http://icid-ciid.org/inner_page/129) has been updated with the membership, agenda, minutes, paper presentations, publications etc. The members are encouraged to actively participate in the activities of the WG and facilitate exchange of information, knowledge and experiences. The networking among membership is important to keep themselves up-to-date with new developments in the various aspects of Irrigation and Drainage. Members are also requested to provide information, papers, presentations made on topics related to scope of work of the WG to the ICID Central Office for uploading on the website of the WG-CDTE.

17.   In order to ensure regular contributions from the members, the WG proposes to make full use of Zoom platform for virtual meetings in between face-to-face IEC meeting.

18.   The Chair may provide further updates, if any, at the meeting.

WG-CDTE Agenda Item 7:   E-learning programmes as a capacity development tool

19.   ICID e-Learning platform is one of the initiatives to strengthen the capacity building activities. In order to achieve the objectives, ICID always encourages/ supports professionals from member NCs to join the e-learning programs organized by various partners and associates.

20.   The Chair may seek information on e-learning programmes from member countries.

WG-CDTE Agenda Item 8:   Webinar/Web-based seminar

21.   The WG supported the suggestion of organizing webinars to promote sharing vast experience available with ICID fraternity. The ICID CO requested members to provide their suggestions on the topics, based on the mandate of the WG, on which webinar can be considered along with name of the relevant experts who could be contacted to develop webinars.

22.   This year, the technical working groups of ICID have organized several webinars based on the mandate of the group which are available at https://icid-ciid.org/inner_page/66 . The group may discuss and suggest suitable topics along with names of the experts for organizing webinars.

23.   The Chair may provide further updates, if any, at the meeting.

WG-CDTE Agenda Item 9:   Any other business

24.   **ICID Members' Profile Section:** ICID has launched a new website (https://icid-ciid.org) as part of ICID's 70th Anniversary Celebrations to meet the new web technologies. One of the newly added web features provides WG members access to their profile section using their dedicated account. ICID CO vide email dated 9 July 2021 <https://icid.bmeurl.co/C7D4D2E> informed all members on how to access their accounts and change their passwords; to maintain accuracy. Members are requested to review and update their information using their credentials and help us maintain accurate information. In January 2023, the ICID Central Office requested all members of the group to review and update their information using their credentials. For more information, please refer to inside back cover page.

25.   **Register on World Irrigation and Drainage Schemes (WI&DS)**: The Chair will further brief about ICID's initiative to document the development of irrigation and drainage schemes in the world by establishing an online Register on "World Irrigation and Drainage Schemes (WI&DS)". WI&DS will fulfil the need for a much-awaited global repository of information in systematic irrigation and agricultural water management. Irrigation projects having 5000 Hectares and above of Command Area can submit their information for inclusion in the register. The irrigation projects approved by National Committee/ ICID Central Office for inclusion are entitled to Certification. Chair will encourage members to urge all irrigation and drainage scheme owners, managers, and researchers across the world and especially in their respective countries for contributing to the register. The review process and other details are outlined on the portal < https://wip.icidevents.org/ > in detail.

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NOTES FOR CHAIRPERSON:
1. Draft minutes of this meeting to be submitted to ICID Secretariat at Sydney, Australia after the meeting.
2. Chair to participate and present the WG report to PCTA meeting on 6 September 2024.

Annex 1 [Appendix XXIII, Item 2]

MEMBERS AND THEIR ATTENDANCE AT 2022 & 2023 MEETINGS

Sl. No.	Members	Member from (Year)	2022		2023		Remarks
			Self	Contributed by mail	Self	Contributed by mail	
1.	VPH Dr. Mohamed Wahba (Egypt), Chairman	2020	●		●		Chairman
2.	Dr. Vijay K. Labhsetwar (India), Vice-Chair	2020	●		●		Vice-Chair
3.	Dr. Rajendra S. Poddar (India), Secretary	2020		●		●	Secretary
4.	Eng. Abu Obieda Babiker Ahmed Hassan (Sudan)	2016		●		●	Provisional Member
5.	Er. Ashok Kumar Kharya (India)	2020		●	●		Member
6.	Dr. Shinji Fukuda (Japan)	2016		●		●	Member
7.	Dr. Wen-Pin Shu (Chinese Taipei Committee)	2016	#			●	Provisional Member
8.	Dato' Ir. Haji Hanapi Bin Mohamad Noor (Malaysia)	2018	●			●	Provisional Member
9.	Mr. Gaforzoda Bahkrom (Tajikistan)	2018	●			●	Member
10.	Dr. Akie Mukai (Japan)	2019	●			●	Provisional Member
11	Mr. Jeff Camkin (Australia)	2021		●	●		Member
12	Prof. Jiesheng Huang (China)	2021		●		●	Member
13	Ms.Li Ruoxi (China) as Young Professional	2021	●		●		Member
14	Dr. Moshin Hafeez (IWMI, Pakistan)	2021	●			●	Provisional Member

Sl. No.	Members	Member from (Year)	2022		2023		Remarks
			Self	Contributed by mail	Self	Contributed by mail	
15	Mrs. Narges Zohari (Iraq)	2021	•		•		Member
16	Engr. Ahmed Elsiddig A. Elshaikh, Direct Member (Sudan)	2021		•		•	Member
17	Ms. Rasha Sarmed (Iraq)	2021		•		•	Member
18.	Mr. Hasan Basri Yuksel (Turkey)	2021		•			Member
19.	Eng. (Ms.) T. Janaki Meegastenna (Sri Lanka)			•		•	Member
20.	Ir. LIU Xueying (China)			•	•		Member
21.	Dato' Ir. Dr. Hj. Ahmad Anuar Bin Othman (Malaysia)			•	•		Member
22.	Dr. Evan Christen (Australia)			•		•	Member
23.	Dr. Tony Chih-Sheng Chen (Chinese Taipei Committee)			•	•		Member
24.	Engr. Abdulsamed Bazer (Turkey)			•		•	Provisional Member
25.	Engr. Gurhan DEMIR (Turkey)			•		•	Provisional Member
26.	Engr. Sefa EROGLU (Turkey)			•	•		Provisional Member
27.	Engr Behzad Navidi-Nassag (Iran)			•	•		Provisional Member
28.	Secretary General, ICID		•			•	

Through representation

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Annex 2 [Appendix XXIII, Item 4]

ROAD MAP TO ICID VISION 2030 – ACTIVITIES OF WG-CDTE

Goal	Activity	Outcomes/ Outputs	Milestone for Year 2021	Milestone for Year 2022	Milestone for Year 2023	Milestone for Year 2024
GOAL C: FACILITATE EXCHANGE OF INFORMATION, KNOWLEDGE, AND TECHNOLOGY						
C5. Strategy: Dissemination of Data, Information, Tools, Knowledge and Know How	5.1 Guide and support organization of seminar/ workshops etc. by WGs and NCs	Networking and exchange of knowledge (development of knowledge portal)	• Establishment of more WG-YP's WhatsApp Groups NC-wise for E-discussion and knowledge exchanges • Encouraging of Establishment of Asian, European, and American Young Professional's Forum • Email's to encourage all NC's and WG's to organize more webinar and training activities and keep us informed about any activities (jointly with CO) • Meeting with WG's heads for discussions options for capacity development and road map in this direction	• E-discussion and Webinars at NC's levels, regional and global levels	• E-discussion and Webinars at NC's levels, regional and global levels	• E-discussion and Webinars at NC's levels, regional and global levels
	5.2 Awareness of role of ICT in capacity development	Webinars	• Organizing webinars/Discussion, • collection and analysis of information • dissemination of recommendations	• Organizing webinars/ Discussion • collection and analysis of information • dissemination of recommen-dations	• Organizing webinars/Discussion • collection and analysis of information • dissemination of recommendations	• Organizing webinars/ Discussion • collection and analysis of information • dissemination of recommendations
GOAL E: ENCOURAGE RESEARCH AND SUPPORT DEVELOPMENT OF TOOLS TO EXTEND INNOVATION INTO FIELD PRACTICES						

E1. Strategy: Support Improving Research Prioritization in the Countries	1.3 Overseeing activities of Technical Support Unit (TSU)	• Capacity development and technical support to NC
		• Diagnostic studies/ Research need assessments (RNA)
			• Encouraging Pilot farm for innovative technologies
			• Encouraging more joint research
			• Collecting information about best pilot farms in the world
			• Emails to NC's , WG's and partners about the TSU and services could be provided from ICID experts
			• Research need assessments (RNA)
			  o Email's for WG's and NC's, research centres and international experts
			  o Design of Questionnaire for RNA
				Analysis of the data collected (RNA) .
				Final report of RNA
				Technical support services for NC's and partners
					Regular	Regular

GOAL F: FACILITATE CAPACITY DEVELOPMENT						
F1. Strategy: Enhancing Institutional	1.1 Provide technical support of National Committees, member and non-member of ICID (TSU)	• Study tours • Diagnostic studies/ Research need assessments (RNA)	• Preparing programs for study tours to pilot farms upon request from NC's and others • Emails to NC's for Nomination of experts	• Preparing programs for study tours to pilot farms upon request from NC's and others	Regular	Regular

Goal	Activity	Outcomes/ Outputs	Milestone for Year 2021	Milestone for Year 2022	Milestone for Year 2023	Milestone for Year 2024
Capacity Development of Member Countries				• Emails to NC's for Nomination of experts		
	1.2 Assisting to find capacity gaps in NC (TSU)	• TNA Reports	• Collecting information from NC's and Training Centres (letters and emails) o Information about regional Training Centres o TNA at regional levels • Questionnaire to NC's	• Data collections • Data analysis • Finalisation and release of TNA report	• Dissemination of final report • Actions for training based on TNA report	• Actions for training based on TNA report
	1.7 Contribute in the process of reorganization of NCs (TSU)	• Webinar • Group discussions	• Online webinars about role of TSU for NC's			
F2. Strategy: Support Capacity Development Activities of Member Countries	2.1 Facilitate donor NCs support joint research, invitations training, YP support program, or membership subscription in certain period (TSU)	Technical Report	• Finalisation and dissemination of technical report • Sending emails and letters from CO to NC's • Dissemination of TSU reports (if any)	Regular Dissemination of TSU reports(if any)	Regular	Regular
	2.2 Report on capacity development needs, available training courses, gaps, institutes which can provide training to fill gaps etc.	Study report	• Preparing questioner for TNA • Circulation of TNA • Data analysis	Finalisation and release of report	Training programs according to TNA at different levels	Training programs according to TNA at different levels
F3. Strategy: Technical Training of Young Professionals from Member countries	3.1 Develop on-line training and extension material to be used in support of improving irrigation practices and increasing water productivity	Proceedings of the program	• 4th Af-YWP-Forum (CWW2021- October 2021)-virtually • YP training programme prior to 5th AfRC on I&D 16-23 November 2021 at Marrakesh, Morocco	Regular	Regular	Regular
	3.3 Establishment of a distance learning mechanism	E-learning modules	Identification of topics and resource person/institutes for development of E-earning modules	Development of E-learning modules and is wider dissemination	Development of e learning modules and its wider dissemination Identification of additional topic etc.	Development of E-learning modules and is wider dissemination
	3.4 Capacity development/ training program on request from NCs	Training of professionals	• Organizing yearly African Young Professional forum	• Organizing yearly African Young Professional forum • Training for IYP-e-Forum during 73rd IEC Meeting and 24th ICID Congress will be held in 2022 (rescheduled)	• Organizing yearly African Young Professional forum • Training for IYP-e-Forum during 74th IEC Meeting and 4th World Irrigation Forum (WIF4) will be	• Organisation of regional training Program once a year • Organization of African Young Professional forum every year

Goal	Activity	Outcomes/ Outputs	Milestone for Year 2021	Milestone for Year 2022	Milestone for Year 2023	Milestone for Year 2024
				at Adelaide, Australia, Committee on Irrigation	held during 16-22 April 2023 in Beijing, China. • Training for IYP-e-Forum 75th IEC Meeting and 25th ICID Congress will be held in November 2023, Visakhapatnam (Vizag), Andhra Pradesh State, India	
	3.5 An online directory of institutes providing formal degree/s in Irrigation and Drainage	Online course	• Collection and analysis of information • Signing MoU's with relevant institutions for diploma or Msc degree	• Updating of information • Online courses	• Updating of information • Online courses	• Updating of information • Online courses
F5. Strategy: Providing Technical Support to NC's (TSU)			Upon request from NC's • Study tours • Diagnostic studies • Tailor made training	• Upon request from NC's • Study tours • Diagnosis studies • Tailor made training	• Upon request form NC's • Study tours • Diagnosis studies • Tailor made training	Upon request from NC's • Study tours • Diagnosis studies • Tailor made training

(Source: Consultative Group (CG) Report: A Water Secure World Free of Poverty & Hunger: A Road Map to ICID Vision 2030**)**

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