

**AGENDA FOR THE INFORMAL MEETING OF THE
WORKING GROUP ON INSTITUTIONAL AND ORGANIZATIONAL ASPECTS OF
MODERNIZATION OF IRRIGATION DEVELOPMENT AND MANAGEMENT SUPPORTED BY
VALUE ENGINEERING (WG-I&OMVE)**

05 September 2024, 14:00-15:30 hours (Session I) and 16:00-17:30 hours (Session II)
Sydney, Australia

Strategy Theme: Sustainable Development

WG-I&OMVE Agenda Item 1: A Brief Report on the Restructuring of WG by the Chair

1. At the 74th International Executive Council (IEC) meeting in Vizag, India, a proposal for the restructuring of the Working Groups was discussed and approved. Among the existing 18 working groups, 9 working groups completed their mandate in November 2023. The remaining working groups have been structured into 11 new working groups under four themes: (1) Irrigation and Drainage; (2) Natural Resources; (3) Climate Change and Impacts; and (4) Sustainable Development. Under these four themes, the WG-IOA has been included in theme 4 (Sustainable Development), and three working groups viz. WG-VE, WG-M&R, WG-IDM have been integrated with the WG-IOA. As per the structure approved by PCTA, a new group - Working Group on "Institutional and Organizational Aspects on Modernization of Irrigation Development and Management Supported by Value Engineering (WG-I&OMVE)" has been formed integrating mandates of four WGs - WG-IOA, WG-VE, WG-M&R, and WG-IDM.

2. In June 2024, Mr. Taku Mori informed that he will not be able to attend the Australia meeting so, Dr. Hafied Gany/ Dr. Noda will provide a brief report on the structure of the new WG-I&OMVE.

WG-I&OMVE Agenda Item 2: Discussion on the Scoping Document for New WG

3. The ICID Central Office has contacted the Chair, Vice Chair, and Secretary and requested them to prepare the draft Scoping Document for the establishment of a new WG-I&OMVE however, response is still awaited. Members may discuss the finalization of the draft Scoping Document during the meeting and send the final version to PCTA for approval.

4. In February 2024, the ICID Central Office informed the decision of PCTA about the establishment of a new WG-I&OMVE with all members of WG-IOA, WG-VE, WG-M&R, and WG-IDM and requested them to confirm their membership for the new WG for which most of the members have agreed to join the new WG. The following nominations have been received for the membership of the new WG-I&OMVE:

- Dr. Jih-Shun Liu (Chinese Taipei Committee)
- Dr. Tsu-Chuan Lee (Chinese Taipei Committee)
- Dr. (Ms.) Yawen Chiueh (Chinese Taipei Committee)
- Mr. Pronmongskol Chidchob (Thailand)

5. The erstwhile WG-IOA, WG-VE, WG-M&R, and WG-IDM membership are given in **Annex 1** (refer to the electronic version for the latest list). New nominations, if any, for the membership received, will be dealt suitably after the meeting.

WG-I&OMVE Agenda Item 3: Election of Chair, Vice Chair, and Secretary of restructured new WG

6. The group members will discuss and elect a new Chair, Vice Chair, and Secretary for the new WG during the meeting.

WG-I&OMVE Agenda Item 4: Road Map to ICID Vision 2030 - Status of activities on Institutional and Organizational Aspects of Modernization of Irrigation Development

7. The Action Plan of the Road Map to ICID Vision 2030 of the erstwhile WG-IOA, WG-VE, WG-M&R, and WG-IDM is given in **Annex 2**. The group will discuss and prepare the new Action Plan of the Road Map to ICID Vision 2030 as per the mandate of the newly established WG-I&OMVE at the meeting.

WG-I&OMVE Agenda Item 5: Activities of the erstwhile Working Group – Publication/ Report/ Guidelines

8. The new WG will review and undertake the pending activities of the erstwhile working group of WG-IOA, WG-VE, WG-M&R, and WG-IDM.

WG-I&OMVE Agenda Item 5.1: Finalization of publication “Institutional and Organizational Reform in Irrigation and Drainage Sector for Sustainable Agriculture Water Management” of WG-IOA

9. During the Vizag meeting, Dr. Hafied Gany informed the group that all data and information have already been collected including the results of the Mexico Symposium 2017 and the e-Publication of the Mexico Symposium 2017, workshops and seminars related to WG-IOA which are available and accessible on the database of the WG website. After discussion, the working group proposed that the publication “Institutional and Organizational Reform in Irrigation and Drainage Sector for Sustainable Agriculture Water Management” of the final report of WG-IOA be conducted parallel with the implementation of the newly amalgamated Working Group, to be undertaken by the former members of WG-IOA.

10. In June 2024, Mr. Taku Mori, the newly elected Chair contacted Dr. Hafied Gany and requested to share all the files/ chapters so that they can be included in the newly amalgamated WG-I&OMVE. Dr. Hafied Gany/ Dr. Noda will provide further updates at the meeting.

WG-I&OMVE Agenda Item 5.2: Finalization of reports/ guidelines/ case studies - WG-IDM

11. The new WG will discuss the following pending activities of the erstwhile WG-IDM during the meeting:

- (a) **Goal A - Strategy A1 - Activity 1.1.** “Develop a program for introducing standards for irrigation systems”, Dr. Wang-Shen Wei (Chinese Taipei Committee) agreed to submit the draft of the report by November 2023. Dr. Sheng-Wei will provide further updates at the meeting.
- (b) **Goal A - Strategy A1 – Activity 1.2.** “Report or case studies on recent developments in irrigation drainage management” - Mr. Ahmet Seren made a presentation on “Irrigation Development & Management Activities in Turkey” during the Adelaide meeting. Mr. Ahmet Seren will provide further updates at the meeting.
- (c) **Goal B - Strategy B1 – Activity 1.14.** “Report on South-South cooperation for capacity development in the field of irrigation management”, members agreed to confirm with Ms. Mary Jean Gabriel the contents of the report through e-mail discussion/ virtual meetings.
- (d) **Goal C - Strategy C4- Activity 4.17.** “Overview paper on the Irrigation Development for publication in Irrigation and Drainage (IRD)”, the item was transferred to Dr. Sheng-Wei Wang. Dr. Sheng-Wei will provide further updates at the meeting.
- (e) **Goal B - Strategy B3 – Activity 3.1.** “Assess methods and develop guidelines on relevant water balance approach”, Dr. Amgad Elmahdi (Australia) agreed to submit the draft by November 2023. Dr. Amgad will provide further progress on the preparation of the guidelines at the meeting.
- (f) **Goal A - Strategy A6- Activity 6.7 –** “Identify drivers and social resistances within the systems to improve Irrigation management”, the draft was submitted by Mr. Ahmet Seren however, a response from Mr. Ian Makin is awaited. Mr. Ahmet Seren will provide further updates at the meeting.
- (g) **Goal C - Strategy C1 - Activity 1.3.** “Organize Workshop, Seminar, and Symposium on Water Balance Approach”, Dr. Amgad Elmahdi (Australia) agreed to hold a symposium before the end of November 2023. Dr. Amgad will provide further progress in the matter at the meeting.
- (h) **Goal D - Strategy D2 - Activity 2.3.** “Investigating and documenting the social and economic impacts of irrigation systems” - Dr. Akie Mukai (Japan) submitted the draft report and also made a presentation during the WG meeting. The group reviewed the contents and proposed that Dr. Akie will revise and submit the report after getting feedback from the WG members by November 2023. Dr. Akie will provide further updates at the meeting.
- (i) **Goal E - Strategy E6 - Activity 6.2.** “Investigate and report on the state of research, barriers or locks, and promising paths in the field of irrigation management” was discussed among the WG members. Dr. L.B. Roy prepared and shared “A Table of Contents” with the erstwhile WG-IDM Chair. Dr. Roy will provide further updates at the meeting.

WG-I&OMVE Agenda Item 5.3: Publication of Guidelines on Modernization - WG-M&R

12. During the Vizag meeting, VPH Ian Makin, Chair of erstwhile WG-M&R summarized the progress towards completion of the Guidelines on “Modernization of Irrigation and Drainage Services” noting drafts of most sections being edited for consistency. The group proposed to complete the final (1st edition) in early 2024 and future updates will be produced under the new WG.

WG-I&OMVE Agenda Item 5.4: Develop norms of O&M of Irrigation systems – WG-M&R

13. Dr. (Ms.) Mona Liza Delos Reyes (Philippines) informed that a total of 25 responses to the questionnaire had been received and encoded into SPSS for analysis. These have been encoded into SPSS software, and the data set has already been shared with other members working on the norms for comments. Dr. Mona will provide further updates at the meeting.

14. During the Vizag meeting in November 2023, WG-M&R proposed the following activities to PCTA:

- (a) The completion of the Guidelines continues with the current authors (assuming the willingness of individuals) under the mandate of a new WG, but published as an output of the WG-M&R
- (b) The new WG considers how (and if) to complete the Norms and Processes study.
- (c) Finalize the Proceedings of the International Symposium by the members of the WG-M&R with authors of the papers and ICID Central Office as a publication of the WG-M&R
- (d) Modernization of Irrigation and Drainage Services is of critical and growing importance to the sector in the efforts to achieve food security in an increasingly resource-constrained environment. The challenges that climate change and agricultural demographics pose to secure food production will continue to mount. The group requested PCTA to ensure that work on Modernization remains a central topic of the ICID program.

WG-I&OMVE Agenda Item 5.5: Documentary on the application of value engineering in irrigation and flood projects – WG-VE

15. As per the revised Road Map to ICID Vision 2030, the outstanding milestones of WG-VE scheduled for 2023 and 2024 include producing a documentary for Value Engineering and training of Young Professionals in Value Engineering. The group will discuss it at the meeting. Dr Kamran Emami will provide further updates at the meeting.

WG-I&OMVE Agenda Item 6: Any other business (with permission of Chair)

16. **ICID Members' Profile Section:** As a new initiative, ICID has launched a new website (<https://icid-ciid.org>) as part of ICID's 70th Anniversary Celebration 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 to maintain accurate information. For more information, please refer to inside back cover page.

17. **World Irrigation and Drainage Schemes (WI&DS):** ICID has taken the 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 the 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 worldwide, especially in their respective countries, to contribute to the register. The review process and other details are outlined on the portal <<https://wip.icidevents.org/>> in detail.



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 06 September 2024.

1.1 (A) MEMBERSHIP OF ERSTWHILE WG-IOA			
No.	Members	Country	Remarks
1.	Mr. Taku Mori	Japan	Chairman
2.	Dr. Keigo Noda	Japan	Vice Chairman
3.	VPH Dr. Hafied Gany	Indonesia	Co-Chairman
4.	VPH Ding Kunlun	China	
5.	Dr. Niannian Yuan – Young Professional	China	
6.	Dr. Yu-Chuan Chang	Chinese Taipei Committee	
7.	Dr. Neelam Patel	India	
8.	Dr. Sunil D. Gorantiwar	India	
9.	Eng. Raghad Sami Aljanabi	Iraq	
10.	Mr. Abdullahi Abdul Rahman Ogole	Nigeria	
11.	Dr. Qazi Tallat Mahmood Siddiqui	Pakistan	
12.	Dr. Ahmed Elsiddig A. Elshaikh, Direct Member	Sudan	
13.	Mr. Hasan Basri Yuksel	Turkey	
14.	Mr. Ahmet Şeren	Turkey	
15.	Dr. Neslihan ŞENGÜL	Turkey	
16.	VPH Franklin Dimick	USA	

(B) NEW NOMINATIONS RECEIVED FROM THE NATIONAL COMMITTEE/ COMMITTEE

Sr. No.	Name	Country/ Organization	Remarks
1	Dr. Jih-Shun Liu	Chinese Taipei Committee	Recommended as a member, subject to his presence else provisional member
2	Dr. Tsu-Chuan Lee	Chinese Taipei Committee	Recommended as a member, subject to his presence else provisional member
3	Dr. (Ms.) Yawen Chiueh	Chinese Taipei Committee	Recommended as a member, subject to her presence else provisional member
4	Mr. Pronmongskol Chidchob	Thailand	Recommended as a member, subject to his presence else provisional member



1.2 MEMBERSHIP OF ERSTWHILE WG-VE			
No.	Members	Country	Remarks
1.	VPH Dr. Kamran Emami	Iran	Chair
2.	Mrs. Remziye Yildiz Gulagaci	Turkey	Vice-Chair
3.	Ir. Nor Hisham M. Ghazali	Malaysia	Secretary
4.	Mr. Gao Lihui	China	
5.	Ir. Wang Yijia	China	
6.	Ir. Zhang Zhaoyang	China	
7.	Dr. Yawen, Chueh	Chinese Taipei Committee	
8.	Dr. Liu Jih Shun	Chinese Taipei Committee	
9.	Dr. Ming Chu Hu	Chinese Taipei Committee	
10.	VPH Francois Brelle	France	
11.	Mr. Saed Pourshahidi, Young Professional	Iran	
12.	Dr. Toshihiko Kuno	Japan	

1.2 MEMBERSHIP OF ERSTWHILE WG-VE			
No.	Members	Country	Remarks
13.	Mr. Suman Sijapati	Nepal	
14.	Ir. Caner Kutlu	Turkey	
15.	Ir. Faruk Gurbuz	Turkey	
16.	Mr. Delbert M. Smith	USA	



1.3 MEMBERSHIP OF ERSTWHILE WG-M&R			
No.	Members	Country	Remarks
1.	VPH Ian Makin	UK	Chair
2.	Dr. Dong Bin	China	Vice Chair
3.	Er. Muhammad Sani Bala	Nigeria	Secretary
4.	Dr. Yalong Li	China	
5.	Dr. SHI Yuan	China	
6.	Dr. Di Wu	China	
7.	Dr. Chih-Hung Tan	Chinese Taipei Committee	
8.	Dr. Hwa-Lung Yu	Chinese Taipei Committee	
9.	Prof. Dr. Tarek Ahmed El-Samman	Egypt	
10.	Dr. Sanjay Belsare	India	
11.	Prof. Sunil D. Gorantiwar	India	
12.	Dr. Neelam Patel	India	
13.	Mr. Mohamad Ramdani	Indonesia	
14.	Mr. Muhammad Adrie Azhari	Indonesia	
15.	Mr. Mehrzad Ehsani	Iran	
16.	Mr. Omid Moridnejad	Iran	
17.	Dr. Mohsen Barahimi	Iran	
18.	Mr. Ali Omran Ali	Iraq	
19.	Mrs. Zaineb Mohammed Akram	Iraq	
20.	Dr. Toshihiko Kuno	Japan	
21.	Dr. Shinji Fukuda	Japan	
22.	Mr. Mohd Yazid bin Abdullah	Malaysia	
23.	Mr. Dinesh Bhatt	Nepal	
24.	Mr. Usman-e-Ghani	Pakistan	
25.	Dr. Usman Khalid Awan	Pakistan	
26.	Dr. (Ms.) Mona Liza Delos Reyes	Philippines	
27.	Engr. Reyne B. Ugay	Philippines	
28.	Mr. Jan Potgieter	South Africa	
29.	Dr. Macdex Mutema	South Africa	
30.	Ms. Kwang-Sik Yoon	South Korea	
31.	Ms. Bedriye Nur Dikenli Aytakin	Turkey	
32.	Mr. Ali Volkan Seyfi	Turkey	
33.	Mr. Bilal Alpaslan	Turkey	
34.	Dr. Brian T. Wahlin	USA	

1.3 MEMBERSHIP OF ERSTWHILE WG-M&R			
No.	Members	Country	Remarks
Observer/ Permanent Observers			
35.	Mr. Alan Kendall Clark	UK	
36.	FAO Representative		
37.	Dr. Petra Schmitter (World Bank)	Myanmar	
38.	Dr. Alok Sikka (IWMI)	India	



1.4 MEMBERSHIP OF ERSTWHILE WG-IDM			
No.	Members	Country	Remarks
1.	Mr. Ahmet Şeren	Turkey	Chair
2.	Dr. Sheng-Wei Wang	Chinese Taipei Committee	Vice Chair
3.	Dr. Katsuyuki Shimizu	Japan	Secretary
4.	Dr. Amgad Elmahdi	Australia	
5.	Dr. Wu Jingwei	China	
6.	Dr. Liu Jing - Young Professional	China	
7.	Prof. Huang Jiasheng	China	
8.	Prof. (Ms.) Chen Jing	China	
9.	Dr. Hwa-Lung Yu	Chinese Taipei Committee	
10.	Eng El Sayed El Yamani Ali Sarkees	Egypt	
11.	Dr Eman Ragab Mohamed Nofal - Young Professional	Egypt	
12.	Mr. Waleed Abou El Hassan	Egypt	
13.	Dr. Gamal Mohamed Elkassar	Egypt	
14.	Prof L.B. Roy – Direct Member	India	
15.	Dr. Narges Zohrabi	Iran	
16.	Dr. Akie Mukai	Japan	
17.	Ir. Mat Hussin Bin Ghani	Malaysia	
18.	Mr. Mohamad Radzi Bin Abdul Talib	Malaysia	
19.	Mr. Tariq Altaf	Pakistan	
20.	Dr. Khumbulani Dhavu	South Africa	
21.	Engr. Ali Mohamed Ahmed Elhaj	Sudan	
22.	Ms. Özlem YILDIZ	Turkey	
Permanent Observers			
23.	VPH Ian Makin	UK	
24.	VPH Hafied Gany	Indonesia	



2.1 ROAD MAP TO ICID VISION 2030 – ACTIVITIES OF WG-IOA

Goals/ Strategies	Activities	Outcomes/ Outputs	Milestone for 2017	Milestone for 2018	Milestone for 2019	Milestone for 2020	Milestone for 2021	Milestone for 2022	Milestone for 2023
Goal A: Enable higher crop productivity with less water and energy									
A4. Strategy: Promoting institutional reforms	4.1 Introduce suitable institutional setup	Guidelines		Prepare the first draft report		Finalise the draft report & publication		Finalise the draft report & publication	Finalise the draft report & publication
A6. Strategy: Improving performance of irrigation systems	6.3 Facilitate policy analysis for improved water governance with a focus on agricultural water management and sustainable rural development.	Technical Paper							
	6.4 Develop generalized legal regulations (guidelines) and implementing changes in the public and private sectors of agriculture and water economies of the countries	Guidelines							
	6.5 Implementing changes in the public and private sectors of agriculture and water economies	Position paper							
A8. Strategy: Encouraging Participatory Management of Irrigation Systems									
Goal C: Facilitate exchange of information, knowledge and technology									
C1. Strategy: Providing knowledge sharing platform for AM professionals	1.7 Organize Workshop, Seminar and Symposium	Compilation of proceedings	Symposium	Symposium	Symposium	Symposium			
C4. Strategy: Compile, collate and share knowledge and experiences	4.10 Condensed overview of existing key books, manuals, guidelines and other relevant publications	Technical report		Release the first report		Release the second report	Release of final report		Release of final report

Goals/ Strategies	Activities	Outcomes/ Outputs	Milestone for 2017	Milestone for 2018	Milestone for 2019	Milestone for 2020	Milestone for 2021	Milestone for 2022	Milestone for 2023
	on the institutional, organizational aspects of irrigation management								
	4.11 Overview paper on the state of the art on the IOA of I&D in Irrigation and Drainage (IRD)	Paper	Paper; Workshop; Symposium.	Preparation of the draft of papers on IOA of IDM	Submission of the published paper by ICID-Wiley Publication: "Global Review of Institutional Reform....."	Submission of the published paper by ICID-Wiley publication: "Present Status and developmentto ICID Vision 2030 (AXEL IRD 2303)	Preparation of the draft of Final Report of WG-IOA (reviewed and discussed on 7 th WG-IOA meeting) Preparation of the draft of Final report would be done till November 2023 through other possible means such as virtual meetings, outsourcing, etc.,	Submission of the Final Report of WG-IOA (to be launched at the 73 rd IECM). (Due to some constraints, one reason Publication and launching of the Final Report of WG-IOA would be postponed till November 2023).	Publication and launching of the Final Report of WG-IOA could be conducted during the 75 th IEC meeting of ICID in November 2023 in Visakhapatnam (Vizag), Andhra Pradesh State, India -- the time of which is still within the framework of WG-IOA.
	4.12 Exchange of information and sharing knowledge through case studies on institutional and organizational	Case studies	Exchange of information		Exchange of information		Exchange of information		

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



2.2 ROAD MAP TO ICID VISION 2030 – ACTIVITIES OF WG-VE

Goals/ Strategies	Activities	Outcomes/ Outputs	Milestone for 2021	Milestone for 2022	Milestone for 2023	Milestone for 2024	Milestone for 2025
C3. Strategy: Promoting Regional Cooperation	3.1 Organize workshop / Seminar etc.	Proceedings of the workshop / seminar			Organize a workshop	Organize a workshop	
C4. Strategy : Compile, Collate and Share Knowledge and Experiences	4.28: Technical paper on the Value Engineering for publication in irrigation and drainage (IRD)	Technical paper	To prepare a paper on 'Application of Value Engineering in Irrigation and Flood Projects' for publication in Irrigation and Drainage (IRD)	Enrich the WG-VE	Produce a documentary on 'Application of Value Engineering in Irrigation and Flood Projects' Enrich the WG-VE	Produce a document ary on 'Applicatio n of Value Engineerin g in Irrigation and Flood Projects' Enrich the WG-VE	
	4.29 Case studies on Value engineering	Technical Report	To encourage member countries to produce papers on Value Engineering case studies	encourage member countries to produce papers on Value Engineerin g case studies	encourage member countries to produce papers on Value Engineering case studies	encourage member countries to produce papers on Value Engineerin g case studies	
E3: Strategy: Developing and Promoting Tools for AWM	3.3 Promote Value Engineering as a tool for enhancing creativity and innovation						
F3: Strategy: Technical Training of Young Professionals from Member Countries	3.6 Organise Training workshop	Strengthened capacity of Young Professionals in application of VE			Organize a Training workshop for YP	Organize a Training workshop for YP	

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



2.3 ROAD MAP TO ICID VISION 2030 – ACTIVITIES OF WG-M&R

Goals/ Strategies	Activities	Outcomes / Outputs	Milestone for 2017	Milestone for 2018	Milestone for 2019	Milestone for 2020	Milestone for 2021	Milestone for 2022	Milestone for 2023	Responsibility
Goal A: Enable higher crop productivity with less water and energy										
A1. Strategy: Modernizing irrigation systems	1.4 Preparation and presentation of Case studies	Compilation of Case Studies	6 Case Studies	5 case studies presented	9 Case Studies			Selected case studies to address key missing aspects	Edited volume of case studies – published on the ICID website	Authors of case studies
	1.5 Prepare an overview paper on State of the Art on Modernization of Irrigation Systems	State of the Art Paper		State of the Art Paper	State of the Art Paper re-arranged	Cancelled				
	1.6 Develop Guidelines for Modernization of Irrigation systems	Guidelines (This is to be reviewed and possibly revised in Mexico in 2017)			Release Guidelines in WIF3				Release Guidelines	Lead Authors (Ian Makin, Dong Din, Sani Bala)
A2. Strategy: Improving O&M of Irrigation Systems	2.1 Advocacy paper to draw attention to the need of adequate resources for O&M	Advocacy paper								
	2.2 Develop norms of O&M of Irrigation systems	Technical Report					Survey developed and submitted for distribution to ICID NCs	Survey to be sent out by CO – Q1, 2022 Analysis and draft report by Q3, 2022	Final report on Norms and processes – presented at WIF 4, Beijing	Core writing team, led by Mona Liza del le Reyes
Goal B: Be a catalyst for change in policies and practices										
B1. Strategy: Supporting development of appropriate policies	1.9 Prepare position Paper on Key Issues on Modernization of Irrigation Schemes	Position/Policy Paper of ICID								
Goal C: Facilitate exchange of information, knowledge and technology										
C1. Strategy: Providing knowledge sharing platform for AWM professionals	1.5 Organize Workshops, Seminar and Symposium on modernization	Compilation of proceedings	Main Theme of Congress, Inputs to Congress		Full-day workshop on modernization			International Workshop in Adelaide in 2023		Ian Makin
Goal F: Facilitate capacity development										
F4. Strategy: Developing and sharing AWM knowledge	4.4 Condensed overview of Key books, manuals and Guidelines	Book Overview								Ongoing – all members of WG_M&R

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



2.4 ROAD MAP TO ICID VISION 2030 – ALLOCATION OF TASKS OF WG-IDM

Goal/ Strategies	Activities	Outcomes/ Outputs	Responsible person
Goal A: Enable higher crop productivity with less water and energy			
A1. Strategy: Modernizing irrigation systems	1.1 Develop a program for introducing standards for irrigation systems	Standards for Irrigation and Drainage	Dr. Sheng-Wei WANG
	1.2 Report or case studies on recent developments in Irrigation Drainage Management	Case studies Presented in WG meetings	Dr. Narges ZOHRABI Mr. Ahmet SEREN
A6. Strategy: Improving the performance of irrigation systems	6.1 Investigating and providing information on the positive amenities, services and goods provided by irrigation systems (in consultation with WG-ENV)	Technical Report	Dr. K SHIMIZU
	6.7 Identify drivers and social resistances within the systems to improve Irrigation management	Report	Mr. Ahmet SEREN Mr. Ian MAKIN (to assist)
Goal B: Be a catalyst for change in policies and practices			
B1.Strategy: Support the development of appropriate policies	1.14 Report on South-South cooperation for capacity development in the field of irrigation management	Report	Ms. M.Jean GABRIEL
B3. Strategy: Integrated Irrigation and Drainage Management	3.1 Assess methods and develop guidelines on relevant water balance approach	Guidelines	Dr. Amgad ELMAHDI Mr. Ian MAKIN (to assist)
Goal C: Facilitate exchange of information, knowledge and technology			
C1.Strategy: Providing knowledge sharing platform for AWM professionals	1.3 Organize Workshop, Seminar and Symposium on Water Balance Approach	Proceedings	Dr. Amgad ELMAHDI
C4.Strategy: Compile, Collate and Share Knowledge and Experiences	4.9 Condensed overview of existing documents and practical examples on water balance approach	Technical Report	Ms. M.Jean GABRIEL
	4.17 Overview paper on the Irrigation Development for publication in Irrigation and Drainage (IRD)	Technical Paper	Dr. Sheng-Wei WANG
Goal D: Enable Cross Disciplinary and Inter-Sectoral Engagement			
D2. Strategy: Developing Technical Documents in Non-technical Language	2.3 Investigating and documenting the social and economic impacts of irrigation systems	Technical report	Dr. Akie MUKAI
GOAL E: Encourage Research and Support Development of Tools to Extend Innovation into Field Practices			
E6. Strategy: Dissemination of Useful Research Outputs	6.2 Investigate and report on state of research, barriers or locks and promising paths in the field of irrigation management	Technical report	Prof. LB ROY

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

