

**MINUTES OF THE 6TH INFORMAL MEETING OF THE
WORKING GROUP ON VALUE ENGINEERING (WG-VE)**

05 November 2023, 14:00-15:30 hours (Session-I)
05 November 2023, 16:00-17:30 hours (Session-II)
Visakhapatnam (Vizag), Andhra Pradesh State, India

Strategy Theme: Knowledge

Presented by the Acting Chairman

Year of Establishment: 2017

Completion of the Mandate: 2023

Members Present: (1) Ir. Nor Hisham M. Ghazali (Malaysia), Secretary; (2) Dr. Toshihiko Kuno (Japan); (3) Dr. Ya-Wen, Chueh (Chinese Taipei Committee); (4) Mr. Gao Lihui (China).

Observer: Dr. Liu Jih Shun (Chinese Taipei Committee).

Website: http://icid-ciid.org/inner_page/127

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

1. The meeting was conducted by VP Ir. Nor Hisham Mohd Ghazali (Malaysia), Acting Chairman on behalf of VPH Dr. Kamran Emami (Iran), Chairman of the Working Group on Value Engineering (WG-VE) who was unable to attend the WG meeting.
2. The Acting Chairman welcomed the members and noted that physical attendance has not improved although the Central Office continues to receive nominations for membership over the years. As a result, many nominees remain as 'provisional members' for over 3 sessions.
3. Chair updated the meeting on the current membership of the WG-VE as follows: The Turkish National Committee on Irrigation and Drainage (TUCID) have nominated Ir. Caner Kutlu & Ir. Faruk Gurbuz while Chinese Taipei Committee (CTCID) has nominated Dr. Liu Jih Shun & Dr. Ming Chu Hu for the membership of WG-VE. However, since nominees need to be physically present at the WG meetings in order to be accepted, the nominations from Turkish National Committee remain as provisional members. Dr. Liu Jih Shun (CTCID) being present, was accepted as a member and Dr. Ming Chu Hu could not present physically so his nomination accepted as provisional member of the group. The meeting noted that CTCID now has 3 members in WG-VE.
4. Acting Chair VP Ir. Nor Hisham Mohd Ghazali briefed the meeting on recent developments at Central Office regarding the major re-structuring of the ICID Work Bodies which will have implications on how future WG meetings are conducted. As a result, this WG meeting could potentially be the last physical meeting of WG-VE in its current composition. Membership status is given in **Annex 3, page 31**.

WG-VE Minutes Item 1.1: Brief of the 1st Virtual Meeting organized in May 2023

5. A brief report of the First Virtual meeting of the WG-VE held on 09 May 2023. The minutes of this virtual meeting of the WG can be accessed at < https://icid-ciid.org/icid_data_web/min_wg-ve_webmeeting09052023.pdf >.
6. The WG-VE organized its first virtual meeting on 09 May 2023. VPH Dr. Kamran Emami, Chairman of the WG chaired the meeting which was attended by VP Ir. Nor Hisham Mohd Ghazali (Malaysia), Secretary; Dr. Toshihiko Kuno (Japan), Dr. Yawen, Chuieh; Dr. Jih Shun Liu and Dr. Ming Chu Hu from Chinese Taipei Committee. Chair discussed various activities of the group like review of membership, Road Map to ICID Vision 2030, scoping document for a new working group on Value Engineering, closure report of the erstwhile TF-VE, webinar/web-based seminar etc. The minutes of the virtual meeting of WG-VE have been circulated to the members of the group for information. The minutes of the virtual meeting of all technical working groups have been uploaded on a dedicated webpage (ICID Workbody Virtual Meeting at http://icid-ciid.org/inner_page/152).
7. The meeting was informed that the WG-VE was unable to arrange a second virtual meeting prior to the 74th IEC due to work commitments and developments concerning the proposed re-structuring of the Work Bodies which will potentially affect all existing mandates and roadmaps of the existing working groups (referred below to Item 7 of the WG minutes).

WG-CDTE Minutes Item 2: Introduction of the Scoping Document for a new Working Group on Value Engineering

8. During the Adelaide meeting, the WG noted that the erstwhile Task Force on Value Engineering (TF-VE) had completed its tenure in 2017. The draft Scoping Document with the revised mandate for a new Working Group on Value Engineering (WG-VE) was presented in 2017 at Mexico. Further, the revised mandate of the WG-VE was also reviewed and updated during the Saskatoon (2018), Canada meeting.

9. During the virtual meeting of the WG-VE, Chair Dr. Emami briefed members about the scoping document and revised mandate of the group, which is as given below:

Revised Mandate of the WG-VE:

- (a) To motivate ICID National Committees in various countries to set up their National Working Groups.
- (b) To provide guidance to compile, publish, update and/or translate documents on Value engineering projects (irrigation, drainage, flood management, and river engineering);
- (c) To promote inter-disciplinary exchange of information, knowledge, and experience, as well as networking on the topic;
- (d) To organize seminars at ICID Congresses and meeting to enhance awareness of importance of Value Engineering;
- (e) To prepare a paper on “Application of Value Engineering in Irrigation and Flood Projects” for publication in Irrigation and Drainage (IRD);
- (f) To finalize a book on Application of Value Engineering in Irrigation and Flood Projects.”
- (g) To encourage member countries to produce papers on Value Engineering case studies
- (h) To promote the planning and execution of the virtual training of the WG for selected engineers from different countries on ‘Value Engineering application for saving in irrigation, drainage, and flood projects.

10. The meeting agreed that there will be no further changes to the revised mandate and proposed that it be finalized and reported together with the Scoping Document and the Closure Report of the erstwhile TF-VE. Chair will share the draft finalized Scoping Document of the WG-VE and request the members to suggest/views, if any.

11. ICID Central Office has requested WG Chair Dr. Emami to share the revised Scoping Document of the Working Group on Value Engineering so that it can be circulated to the NCs/Members of the group for inviting the nominations for a new WG along with their comments/suggestions, if any. The draft scoping document of the WG-VE will be finalized during the meeting and will be put up to PCTA/IEC for its approval. The status of this item remains unchanged pending action from WG-VE Chair on the above matters.

WG-CDTE Minutes Item 3: Road Map to ICID Vision 2030 – Activities on Value Engineering

12. In September and October 2023, Central Office held consultations with all WG chairs on the re-structuring of the Work Bodies. Initial information indicates that WG-VE will be amalgamated with other WGs. As a result, the WG-VE roadmap to ICID Vision 2023 and future activities was not reviewed for this meeting but remains as in annex-2 in the agenda of the WG.

13. The acting Chair informed that WG-VE has already achieved its prioritized targets as reported earlier which is the publications of a technical paper and e-Book on VE. Nevertheless, the milestones of the Road Map to ICID Vision 2030 for WG-VE has yet to be completed although there has been an agreement that WG-VE will continue with webinars to introduce VE.

14. The outstanding milestones of WG-VE scheduled for 2023 and 2024 include producing a documentary for VE and training of Young Professionals in VE. The new milestones will be discussed later following the proposed re-structuring of the ICID work bodies.

15. The activities that shall continue are the sharing and dissemination of information by WG-VE members. The acting Chair commented on the lack of participation from NCs although it is understandable that VE may not be widely known in some countries. VE may also appear in other forms that have the same objective of cost saving or resource optimization.

16. The meeting agreed that the existing Road Map to ICID Vision 2023 as in **Annex** will be reviewed after the new Work Bodies structure is finalized by Central Office.

WG-CDTE Minutes Item 4: Closure Report of the erstwhile TF-VE

17. The meeting agreed that there will be no more, no further comments or suggestions with regards to the Closure Report of the erstwhile TF-VE. The closure report will be submitted by VPH Dr. Emami, Chairman WG-VE directly to Central Office. The closure report of the erstwhile TF-VE will be uploaded on the website for records.

WG-CDTE Minutes Item 5: Dissemination of information – Website

18. The acting Chair informed that all outputs from previous activities of WG-VE have been uploaded in the working group website. These documents, including the technical paper and e-Book on application of Value Engineering. NCs have suggested to explore the documents and consider adapting VE in their project planning.

WG-CDTE Minutes Item 6: Webinar /Web-based seminar

19. The WG discussed the organization of web-based seminars/ e-discussion for 2024. It was agreed that the subject of Value Engineering is relatively new to many NCs thus, training at the introductory level should be the focus of future webinars. The meeting agreed in principle that the future objectives would be to focus on training on the fundamentals of VE. Hence, further discussion is needed in the presence of WG-VE Chair Dr. Emami to provide guidance on this issue. The meeting noted that Dr. Emami had previously conducted training on VE earlier and this may be repeated to attract young professionals to Value Engineering.

20. Acting Chair VP Ir Nor Hisham Ghazali proposed that a virtual meeting will be organised in March 2024 to discuss the webinar theme, title and content. A suitable time for the webinar would be June 2024. Notwithstanding the uncompleted milestones as mentioned in agenda item 3, this proposal will be pursued whilst the new restructured WGs and mandates are being finalized.

WG-CDTE Minutes Item 7: Any other business

7.1 **ICID Members' Profile Section:** The acting Chair advised all members to update their personal profiles in the ICID portal so as to enhance the networking between NCs and their members. Technical problems related to log-ins and questions as to security may be directed to Mr. Madhu Mohanan, Communication Officer, ICID Central Office.

7.2 **Register on World Irrigation and Drainage Schemes (WI&DS):** The acting Chair advised all members to coordinate with their NCs and national focal points on registering of projects in the WI&DS in order to establish an accurate footprint of irrigation and drainage on the world map.

7.3 **Restructuring of the Working Group:** The meeting was informed that after November 2023 and finalisation by the Management Board & Central Office, WG-VE, WG-IOA, WG-I&M and WG-M&R will be amalgamated into one WG tentatively called **“Institutional and Organizational Aspects of Modernization of Irrigation Development and Management Supported by Value Engineering (WG-I&OMVE)**. The members agreed that the re-structuring would be good for VE as it allows VE to have a wider audience within the ICID at every IEC. In reviewing the mandate, the meeting agreed that WG-VE mandates (g) and (h) will be continued regardless of the new WG re-structuring as it deals with continuing education and specifically the teaching and training of VE concepts and applications. WG-VE will seek guidance from Central Office on the issue of the new mandates under the restructured work bodies. A report on the restructuring of the working groups is given in **IEC Annex 4, Page 44**. The proposed mandate for the new WG-I&O MVE will be discussed at the forthcoming PCTA meeting. Members will be briefed on the outcome in due time.

7.4 WG-VE will remain an active work body until further instruction from Central Office.

Annex [Appendix XX, Item 3]

ROAD MAP TO ICID VISION 2030 – ACTIVITIES OF WORK BODIES

Goals/ Strategies	Activities	Outcomes/ Outputs	Milestone for Year 2021	Milestone for Year 2022	Milestone for Year 2023	Milestone for Year 2024	Milestone for Year 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)

