

**AGENDA FOR THE 2<sup>ND</sup> MEETING OF THE  
WORKING GROUP ON SUSTAINABLE ON-FARM IRRIGATION  
SYSTEM DEVELOPMENT (WG-SON-FARM)**

12 October 2017, 09.00-10.30 hours (Session I)

12 October 2017, 11.00-12.30 hours (Session II)

Mexico City, Mexico

**Strategy Theme: On-Farm**

**Presented by the Chairman**

**Year of Establishment: 2015**

**Completion of the Mandate: 2021**

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**Mandate:** (a) On-farm irrigation structures and water distribution system networks are properly designed, installed, managed and maintained; (b) Soil moisture is monitored, technical and management measures for enhancing the water infiltration and retention capacities of soils are investigated and implemented; (c) Trade-offs among on-farm irrigation technologies, socio-economic and environmental benefits are optimized; (d) Innovative local institutional arrangements are developed and promoted for operation and maintenance; (e) Top-notch scientific and development relevant research is conducted and its results are translated into actionable recommendations.

**Website:** <http://wg-on-farm.icidonline.org/>

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**WG-SON-FARM Agenda Item 1: Action taken report by Chair**

1. The Chair will present report on the actions taken on the decisions taken during the First Meeting of the WG held at Chiang Mai in November 2016.
2. No new nominations have been received from NCs during the year. Chairman 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 list*). New nominations, if any, for the membership received will be dealt suitably after the meeting.

**WG-SON-FARM Agenda Item 2: Road Map to ICID Vision 2030 - Activities on sustainable on-farm irrigation**

3. Based on the inputs from the workbodies at the 67<sup>th</sup> IEC and fresh inputs received upto March 2017, the Consultative Group (CG) on Action Plan 2030 finalised Action Plan for ICID as presented in their report "A Water Secure World Free of Poverty & Hunger : A Road Map to ICID Vision 2030". Action Plan for WG-SON-FARM as presented in CG report is given as **Annex 2**. The Chair and Secretary of WG-SON-FARM will outline the actions to be initiated on activities related to sustainable on-farm irrigation as identified in the Action Plan to achieve the Organizational Goals as part of ICID Action Plan for Vision 2030.
4. As per the work plan prepared by the WG, it was proposed to prepare country papers, how-to-do thematic document and position papers on key issues as well as hosting workshops and Micro Irrigation Conferences. The group has proposed to organize an internal workshop during the Mexico meeting in 2017 (*refer item 7 for more information*).

**WG-SON-FARM Agenda Item 3: Collection and collation of micro and sprinkler data**

5. As suggested by the group at Chiang Mai meeting, in January 2017 the Central Office sent the existing questionnaire "Survey of world-wide usage of sprinkler and micro irrigation" to Dr. A.K. Randev/ VPH Felix Reinders for revision/ modification, if any. Chair Dr. Randev will provide further updates at the meeting.
6. The Chair will update the members in terms of the data received from National Committees on micro and sprinkler irrigation. The updated table of total micro and sprinkler area in descending order is available at <<http://www.icid.org/sprinklerandmicro.pdf>>. Members are encouraged to access the website and provide the latest information in respect of their countries every year (*refer 'Activity 4.20 Database on sprinkler and micro irrigation in the world' of Goal C of Annex 2*).

**WG-SON-FARM Agenda Item 4: Publications of the working group**

**WG-SON-FARM Agenda Item 4.1: Article on “Improvement of the On-Farm Irrigation Systems Using Simple Water Control, Measuring and Application Devices”**

7. During the First Meeting at Chiang Mai, the WG had agreed to submit to ICID an article on “Improvement of the On-Farm Irrigation Systems Using Simple Water Control Measuring and Application Devices” for publication. In January 2017, the Central Office followed-up the matter with VPH Felix Reinders with a request to expedite the finalization of the article. VPH Felix Reinders/ WG Chair Dr. Randev will provide further updates at the meeting.

**WG-SON-FARM Agenda Item 4.2: Paper on “Micro irrigation for smallholders and greenhouses”**

8. WG during Chiang Mai meeting decided to finalise and send a paper on “Micro irrigation for smallholders and greenhouses” to ICID by end of 2016 for publication. ICID CO has not received paper so far. Chair will provide further updates during the meeting.

9. During Chiang Mai meeting, Dr. Hossein Dehghani Sanij from Iran had volunteered to prepare a paper on “Micro irrigation under saline conditions” as part of the Action Plan 2030. The Central Office followed-up matter with the Dr. Dehghani Sanij and requested to send the draft version of the paper. Chair/ Dr Hossein is requested to apprise further status on finalization of the above paper during the meeting.

**WG-SON-FARM Agenda Item 5: Dissemination of activities of WG**

**WG-SON-FARM Agenda Item 5.1: Web site of the group**

10. The Chair requested all members to participate actively in all the activities of the WG and facilitate exchange of information, knowledge and experience, as well as networking in order to keep themselves up-to-date with new developments, methods and innovative on-farm management practices. Members are encouraged to provide information, papers, presentation made on topics related to scope of work of the WG to the ICID Central Office for uploading on the web site of the WG. The Chair will facilitate discussion with the members to evolve methodology for sharing of information, timely updating the WG website, and encouraging full use of WebEx platform for virtual meetings in between face to face meeting during IEC so that regular contribution of the WG members can be ensured.

**WG-SON-FARM Agenda Item 5.2: Webinar/ Web based seminar**

11. On 1 March 2017, President Dr Nairizi inaugurated the ICID Webinar Services. The first Webinar in the series on “Efficient Irrigation by Applying a Water Balance Approach” was delivered by Vice President Hon. Felix Reinders with Dr. Chris Perry (UK) joining as a Panellist. The recording of the Webinar is available on ICID website at [http://www.icid.org/icid\\_webinar\\_1.html](http://www.icid.org/icid_webinar_1.html). More than 80 participants joined webinar and actively participated in question and answer session. WG will discuss and suggest 5-6 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.

**WG-SON-FARM Agenda Item 6: Updating Multilingual Technical Dictionary (MTD)**

12. During Chiang Mai meeting, the group discussed and nominated Chair, Vice Chair and Secretary for the management and to review the terms related to the activities of the group. To achieve this goal, it was agreed that they would undertake the review of the concerned terms depending on their domain of expertise and will suggest changes / modification and addition of new terms, if any along with contributing pictures, links and videos related to respective term.

13. In January 2017, the Central Office requested members of the group to look at the terminology and improve it wherever necessary in consultation with the Chair/ Secretary of the group. In response, Chair Dr. Randev and Vice Chair Mr. Carl Walters informed that they have been facing some difficulties in updating the terms related to the MTD. The Vice-Chair will brief the members regarding the status of the review of the terms of MTD. He will outline the challenges in the process of updating/ modifications of the MTD and members will deliberate on the way forward for reviewing and updatation of MTD.

14. As per Resolution IEC-2/67 held at Chiang Mai on 12 November 2016, the Council approved the establishment of a Task Force for Updation and Maintenance of Multilingual Technical Dictionary (TF-MTD) under the Chair of PCTA consisting of Chair or its representatives of the WG-IDM, M&R, SON-FARM, SDRG and IOA, and representatives of FAO, IWMI, ADB as its members. ICID vide notification 14 of 2017 dated 10 July 2017 notified establishment of TF-MTD. The Task Force will hold its first meeting during 68th IEC in October 2017 and shall report

progress of its activities to IEC through PCTA. The group may discuss the issue and nominate a professional for the TF-MTD at the meeting.

**WG-SON-FARM Agenda Item 7: Internal workshop on “Sustainable On-farm Irrigation Systems for Higher Crops’ Productivity”, October 2017**

15. As part of Action Plan 2030 (*refer ‘Activity 3.9 Organize international workshop, seminar or symposium’ of Goal C of Annex 2*), the group is organizing an internal workshop on the theme “Sustainable on-farm irrigation systems for higher crops’ productivity” during the WG meeting in October 2017. The main objective of the workshop is to discuss and share the experiences and knowledge on on-farm irrigation. In February 2017, the Central Office in consultation with the Chair, Vice Chair and Secretary circulated the ‘Call for papers’ to all members of the group for contributing abstract/ papers for the internal workshop.

16. In June 2017, Secretary Mr. Suman Sijapati informed that four abstracts have been received for the internal workshop. In July 2017, Vice Chair Carl Walters also submitted the full paper titled “Saving water in Northern Victoria, Australia: Farm Water Program – Objectives, Learning and Successes” for the workshop. The Secretary will brief the meeting regarding the internal workshop. The status of all the papers received and the schedule of the program will be shared with the members.

**WG-SON-FARM Agenda Item 8: Updates on 9<sup>th</sup> International Micro Irrigation Conference, January 2019, Aurangabad, India**

17. During the first meeting at Chiang Mai in November 2016, INCSW representative made a presentation on the 9<sup>th</sup> International Micro Irrigation Conference (IMIC). The group noted and supported the organization of 9<sup>th</sup> International Micro Irrigation Conference by INCSW in January 2019 at Aurangabad, India (*refer ‘Activity 3.9 Organize international workshop, seminar or symposium’ of Goal C of Annex 2*). In January 2017, the Central Office circulated the themes and sub-themes to all members for inviting their comments/ suggestions. INCSW representative/ Chair will provide further progress of IMIC at the meeting.

**WG-SON-FARM Agenda Item 9: Any other business**



**NOTES FOR CHAIRPERSON:**

1. Draft minutes of this meeting to be submitted to ICID Secretariat at Mexico City (Mexico) after the meeting.
2. Chair to participate and present the WG report to PCTA meeting on 13 October 2017.



**Members of the working group at 2015 and 2016 meetings**

Sl. No.	Members	Member from (Year)	2015		2016		Remarks
			Self	Contributed by mail	Self	Contributed by mail	
1.	Dr. A.K. Randev, Chairman, 2016 (India)	2015	•		•	•	
2.	Mr. Carl Walters , Vice Chair, 2016 (Australia)	2015			•	•	
3.	Mr. Suman Sijapati, Secretary, 2016 (Nepal)	2015	•		•	•	
4.	VPH Jose A. Ortiz (Spain)	2015		•			
5.	Dr. Graziano Ghinassi (Italy)	2015	•			•	
6.	Mr. Hassan Shantia (Iran)	2015					One nomination per NC <sup>1</sup>
7.	Dr. Abraham Mehari Haile (The Netherlands)	2015		•			
8.	Mr. Mohd Yazid bin Abdullah (Malaysia)	2015				•	
9.	Dr. Akira Iwamoto (Japan)	2015	•		•		
10.	Dr. Chen, Ching-Tien (Chinese Taipei)	2015	•		•	•	
11.	Dr. Dickson Ahagbuje (Nigeria)	2015		•			
12.	Mr. Bashu Dev Lohanee (Nepal)	2015	•		•	•	One nomination per NC
13.	Dr. Hossein Dehghani Sanij (Iran)	2015	•		•		
14.	Mr. Muhammad Tahir Anwar (Pakistan)	2015					<b>Discontinued</b> No contribution during last two years.
15.	Mr. S.P. Jadhav (Direct Member), JISL (India)	2015				•	
16.	Mr. Siboniso Phillip Mkhaliphi (South Africa)	2015					<b>Discontinued</b> No contribution during last two years.
17.	Mr. Ömer Faruk Akbulut (Turkey)	2015			•	•	
18.	Mr. Yao Bin (China)	2016					<b>Provisional member</b> No contribution since Chiang Mai. Recommended for discontinuation after Mexico meeting if no contribution
19.	Dr. Zhang Guohua, Young Professional (China)	2016					<b>Provisional member</b> No contribution since Chiang Mai. Recommended for discontinuation after Mexico meeting if no contribution

<sup>1</sup> Only one nomination per NC is allowed and other may be Young Professional

Sl. No.	Members	Member from (Year)	2015		2016		Remarks
			Self	Contributed by mail	Self	Contributed by mail	
20.	Prof. Chang Eon Park (Korea, Rep. of)	2016				•	
21.	Eng. S. Mohanarajah (Sri Lanka)	2016				•	
22.	Mr. Suhad Jassim Obeed (Iraq)	2016					<b>Provisional member</b> No contribution since Chiang Mai. Recommended for discontinuation after Mexico meeting if no contribution
23.	Mr. Hussein Shanan Abid Al-Hussein, Young Professional (Iraq)	2016					<b>Provisional member</b> No contribution since Chiang Mai. Recommended for discontinuation after Mexico meeting if no contribution
24.	Secretary General, ICID						
	<b>Observers/ Permanent Observers</b>						
(i)	Mr. Sher Singh (India)						<b>Observer</b> No contribution since Chiang Mai so recommended for discontinuation
(ii)	Mr. M.S. Sudhakar (Direct Member), JISL (India)						<b>Observer</b> No contribution since Chiang Mai so recommended for discontinuation
(iii)	Mr. Abijit Joshi (Direct Member), JISL (India)						<b>Observer</b> No contribution since Chiang Mai so recommended for discontinuation
(iv)	Dr. Jano Anter (Germany)						No contribution since Montpellier so recommended for discontinuation
(v)	Mr. Bruno Molle (ISO)						
(vi)	FAO Representative						



**ROAD MAP TO ICID VISION 2030 – ACTIVITIES OF WORKBODIES**

Goals/ Strategies	Activities	Outcomes/ Outputs	Milestone for Year 2017	Milestone for Year 2018	Milestone for Year 2019	Milestone for Year 2020	Milestone for Year 2021
<b>Goal A: Enable higher crop productivity with less water and energy</b>							
<b>A1.Strategy:</b> Modernizing irrigation systems	1.3 Prepare country overview papers	Papers	Prepare two country overview papers	Prepare one country overview paper	Prepare two country overview papers		
<b>A5.Strategy:</b> Supporting water productivity enhancement	5.1 Prepare how to do thematic documents ready	Technical Document	Prepare one how- to-do document	Prepare one how- to-do document	Prepare one how-to-do document	Prepare one how-to- do document	Prepare one how- to-do document
	5.2 Develop a position paper on key issues on sustainable on-farm irrigation systems	Position paper	Prepare first draft paper	Finalize the position paper	Prepare second draft paper	Finalize the position paper	
<b>Goal C: Facilitate exchange of information, knowledge and technology</b>							
<b>C3.Strategy:</b> Promoting regional cooperation	3.9 Organize international workshop, seminar or symposium	Compilation of proceedings	First internal Workshop	Organization of the 9th International Micro Irrigation Conference (IMIC) in January 2019 at Aurangabad, India	Hosting of 9th International Micro Irrigation Conference (IMIC) in January 2019 at Aurangabad, India	Second workshop	Third workshop
<b>C4. Strategy:</b> Compile, collate and share knowledge and experiences	4.20 Database on sprinkler and micro irrigation in the world	Database	Updating database	Updating database	Updating database	Updating database	Updating database
	4.27 Research article on state of the art for publication in Irrigation and Drainage Journal	Study report	Prepare one article	Publication in Journal	Prepare one article	Publication in Journal	Prepare one article
<b>Goal E: Encourage Research and Support Development of Tools to Extend Innovation into Field Practices</b>							
<b>E2. Strategy:</b> Strengthening Extension Services with AWM information							
<b>E5.Strategy:</b> Compilation of Global Data Sets on Irrigation and Drainage	5.1 Datasets for irrigated area	Database	Updating database	Updating database	Updating database	Updating database	Updating database
	5.2 Datasets for Pressurised Irrigation Systems	Database	Updating database	Updating database	Updating database	Updating database	Updating database

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