

**Session Outline Opening Session Theme 2.2.
Contribute to Food Security by Optimal Use of Water**

Part 1:

Reference number	2.2		
Target(s)/PFA/CS/Region	Theme 2.2. Contribute to Food Security by Optimal Use of Water		
Session title	Contribute to Food Security by Optimal Use of Water, an Introduction		
Session teaser/description	<p>The World population is expected to grow from 7.0 billion to 9 billion by 2050, especially in urban areas of emerging and least developed countries. The standard of living in the emerging countries is rapidly rising, resulting in a change in diet. An increase in cereal production of 70 - 100% in the next 25 - 30 years will be required. 80 - 90% will have to come from existing cultivated land.</p> <p>At 1,100 million ha of the cultivated area there is no water management system. 300 million ha has an irrigation system and 130 million ha has a drainage system. 55% of food production comes from irrigated or drained areas and 45% from the other areas.</p> <p>Global food production meets the demand. Achieving the required increase is possible provided that improvements are made from producer to consumer.</p> <p>This Theme has reviewed and focused on solutions. Nine Targets have been formulated and analysed that cover the important aspects. These Targets will be presented in nine sessions, together with this opening session, a multi-stakeholder panel and an Synthesis session.</p>		
Duration	2-hours		
Contact details of the Coordinator(s) convening the session	<ul style="list-style-type: none"> Food and Agriculture Organisation of the United Nations (FAO). Viale delle Terme di Caracalla, 00153 Rome, Italy. Telephone: (+39) 06 57051, Fax: (+39) 06 570 53152, Email: FAO-HQ@fao.org Pasquale.steduto@fao.org; domitille.vallee@fao.org International Commission on Irrigation and Drainage (ICID), 48 Nyaya Marg, Chanakyapuri, New Delhi 110021, INDIA. Tel: +91-11-26116837, 91-11-26115679, E-mail: icid@icid.org C.C.: Schultz1@kpnmail.nl; Jacques.plantey@canal-de-provence.com 		
Objectives and outputs	<p><i>General objectives of the session</i></p> <p>To present the scope, challenges, and constraints, the work done by the Core Group and the Target and Solutions Groups within the theme</p>	<p><i>Expected outputs</i></p> <p>Clear insight of the audience which issues are at stake, what has been achieved so far and what are the challenges of the future</p>	
Format/Logistics request	<p><u>Estimated number of seats needed</u></p> <p>400 600</p>	<p><u>Preferred room set-up</u></p> <p>On stage:</p> <ul style="list-style-type: none"> catheder with laptop for speakers 6 cosy chairs for speakers and panel members; 3 screens where the people in the cosy chairs can look at; desk + chair for reporter clear banner on WWF6 behind the catheder <p>Standard cinema seating</p>	<p><u>All rooms will be equipped with:</u></p> <ul style="list-style-type: none"> a computer a video projector a screen 2 microphones simultaneous translation in French and English



Strategic Direction: *Contribute to Economic Development*
Priority for Action: *Ensure Food Security*

6 February 2012

Extra requirements for innovative sessions	distribute to all participants a feedback form to fill (the feedback form will be provided by the session organiser end of February) Facilities for Chinese – English simultaneous translation
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Part 2:

<u>Time</u>	<u>Descriptions of items/presentations</u>
	<p><i>Date:</i> Wednesday March 14, 11.00 – 13.00 hour <i>Hall:</i> Palais des congrès (PdC), N+1 <i>Room:</i> PC 8, Callelongue <i>Chairman:</i> Alexander Müller <i>Rapporteur:</i> S.A. Kulkarni (ICID) <i>Facilitator:</i> Domitille Vallee (FAO)</p>
10'	<p><i>Welcome and introduction to the challenges by the chairman of the session</i> Alexander Müller, Assistant Director General for Natural Resources Management and Environment, FAO</p>
8'	<p><i>China's experience of ensuring food supply to a huge population in spite of the dwindling farmlands and competing use of water</i> H.E. Chen Lei Minister of Water Resources of China</p>
8'	<p><i>Government Perspective of Water Resources for Food production in India</i> H.E. Pawan Kumar Bansal (tbc) Minister of Water Resources of India</p>
8'	<p><i>Government Perspective of France</i> Mr Alain Moulinier, Chairman of the Economic Section of the High Council for Food, Agriculture and Rural Areas</p>
15'	<p><i>Presentation of the challenges addressed within Theme 2.2. the process, the Targets, Solutions and Recommendations</i> President of ICID, Prof. Gao Zhanyi, China</p>
3'	<p><i>Farmers perspective</i> Mr. Ch. L.N. Reddy. President, Water Users Association, Andhra Pradesh</p>
3'	<p><i>Food-Industry perspective</i> Representative of Nestlé (tbc)</p>
20'	<p><i>Panel - Decision makers and managers using water for food for today needs Using water for food for tomorrow needs: diverse perspectives</i></p> <ul style="list-style-type: none"> • Pasquale Steduto, FAO • Gao Zhanyi, ICID • Alain Villocel, France • Mr. Ch. L.N. Reddy, India
3'	<p><i>Perspectives of the new generation</i> Saba Loftus International Youth Council</p>
3'	<p><i>Perspectives from civil society and smallholders</i> Most probably Ms Arze Glipo, Integrated Rural Development Foundation Philippines (IRDF)</p>
3'	<p><i>Statement on Perspectives from innovation prospects</i> CEO of Jain irrigation (tbc)</p>
3'	<p><i>Statement on Perspectives of financial aspects</i> Kevin Parris, Organisation of Economic Cooperation and Development (OECD)</p>
3'	<p><i>Statement of the Joint Multilateral Development Banks Action Plan for Improving Coordination on Food and Water Scarcity</i> High level representative (tbc)</p>
3'	<p><i>Statement on Benefits of Development Partner Collaboration</i> High level representative of Asian Development Bank (ADB) and International Fund for Agricultural Development (IFAD) (tbc)</p>
20'	<p><i>Facilitated exchange between the speakers and the audience</i></p> <ul style="list-style-type: none"> • High level Representative ADB/IFAD (tbc) • Saba Loftus, International Youth Council • Kevin Parris, OECD • CEO Jain Irrigation (tbc) • Ms Arze Glipo, (tbc) • High level representative Multilateral Development Banks (tbc)



Strategic Direction: *Contribute to Economic Development*
Priority for Action: *Ensure Food Security*

6 February 2012

5'	Conclusions Alexander Müller, FAO
Targeted audience in view of commitments	Those interested in the various aspects of water management for global and sustainable food production
Other Information	Not at the moment

**Session Outline Multi-stakeholder Panel Theme 2.2.
Contribute to Food Security by Optimal Use of Water**

Part 1:

Reference number	2.2		
Target(s)/PFA/CS/Region	Theme 2.2. Contribute to Food Security by Optimal Use of Water		
Session title	Multi-stakeholder Panel on Contribute to Food Security by Optimal Use of Water		
Session teaser/description	<p>Global food production meets the demand. Achieving the required increase is possible provided that improvements are made from producer to consumer.</p> <p>This Theme has reviewed and focused on solutions. Nine Targets have been formulated and analysed that cover the important aspects. These Targets are being presented in nine sessions, together with the opening session, multi-stakeholder panel in this session and the final and Synthesis session</p>		
Duration	2 hours		
Contact details of the Coordinator(s) convening the session	<ul style="list-style-type: none"> Food and Agriculture Organisation of the United Nations (FAO). Viale delle Terme di Caracalla, 00153 Rome, Italy. Telephone: (+39) 06 57051, Fax: (+39) 06 570 53152, Email: FAO-HQ@fao.org Pasquale.steduto@fao.org; domitille.vallee@fao.org International Commission on Irrigation and Drainage (ICID), 48 Nyaya Marg, Chanakyapuri, New Delhi 110021, INDIA. Tel: +91-11-26116837, 91-11-26115679, E-mail: icid@icid.org C.C.: Schultz1@kpnmail.nl; Jacques.plantey@canal-de-provence.com 		
Objectives and outputs	<p><i>General objectives of the session:</i> To present the scope, challenges, and constraints, the work done by the Core Group and the Target and Solutions Groups within the theme as seen by the key actors in agricultural water management</p>	<p><i>Expected outputs</i> The scope, challenges, and constraints as perceived by the key actors</p>	
Format/Logistics request	<p><u>Estimated number of seats needed</u></p> <p>400 – 600</p>	<p><u>Preferred room set-up</u></p> <p>On stage:</p> <ul style="list-style-type: none"> catheder with laptop for speakers 6 cosy chairs for speakers and panel members; Second row 8 normal chairs; 3 screens where the people in the cosy chairs can look at; desk + chair for reporter clear banner on WWF6 behind the catheder <p>Standard cinema seating</p>	<p><u>All rooms will be equipped with:</u></p> <ul style="list-style-type: none"> a computer a video projector a screen 2 microphones simultaneous translation in French and English
Extra requirements for innovative sessions	Facilities for Spanish – French simultaneous translation		

Part 2:

<u>Time</u>	<u>Descriptions of items/presentations</u>
	<p><i>Date: Wednesday March 14, 17.00 – 19.00 hour</i> <i>Hall: Palais des congrès (PdC), N+1</i> <i>Room: PC 8, Callelongue</i> <i>Chair: Daniel Zimmer</i> <i>Rapporteur: Macarena Johns</i> <i>Facilitator: Rudolfph Cleveringa (IFAD)</i> <i>How to answer to future food needs – key role for water – different perspectives</i></p>
5'	<p><i>Statement</i> <i>Policy and implementation programme of the Government of China</i> Mr. Han Zhengzhong. China Irrigation and Drainage Development Centre</p>
5'	<p><i>Statement</i> <i>Policy and implementation programme of the USA (tbc)</i> High level representative Bureau of Reclamation</p>
5'	<p><i>Statement</i> <i>Policy and implementation programme of Mali</i> Minister of Agriculture of Mali (tbc)</p>
15'	<p><i>First round of exchange with the audience around first set of statements</i></p> <ul style="list-style-type: none"> • Mr. Han Zhengzhong, China • High level representative Bureau of Reclamation, USA • Minister of Agriculture of Mali
3'	<p><i>Statement</i> Farmer representative from Ecuador Hugo Vinueza, Interjuntas, Ecuador</p>
3'	<p><i>Statement</i> Farmer representative from Australia Steve Mills, Australia</p>
3'	<p><i>Statement</i> Farmer representative from Senegal Mr. Mamadou Cissoko, Senegal</p>
3'	<p><i>Statement</i> Representative of an Irrigation agency from Burkina Faso Oumar Seydina Traore, Director DADI, Burkina Faso</p>
3'	<p><i>Statement</i> Representative on Multiple use of water for food fish/crop/diet from Bangladesh Shakuntala Haraksingh Thilsted, World Fish centre, Bangladesh</p>
15'	<p><i>second round of exchange with the audience around the 2d set of statements</i></p> <ul style="list-style-type: none"> • Hugo Vinueza, Ecuador • Steve Mills, Australia • Mamadou Cissoko, Senegal • Oumar Seydina Traore, Burkina Faso • Shakuntala Haraksingh Thilsted, Bangladesh
3'	<p><i>Statement</i> Representative of a Water Agency in the Netherlands Gerard Doornbos, Dike-reeve of the Principal Water Agency Rijnland, the Netherlands</p>
3'	<p><i>Statement</i> Representative of an Irrigation agency in Ethiopia Mr. Hune Nega, Ethiopia</p>
3'	<p><i>Statement</i> Representative from a technological innovator - less energy and lower quality water use in agriculture from Marocco. Choukrallah Redouane</p>
3'	<p><i>Statement</i> Representative from smallholder commodity organisations systems and irrigation market</p>

	linkages Rodney Cooke, International Fund for Agricultural Development (IFAD) (tbc)
3'	<i>Statement by a development NGO</i> Urs Heierli, International Development Enterprises (IDE)
15'	<i>Third round of exchange with the audience around the 3rd set of statements</i> <ul style="list-style-type: none"> • Gerard Doornbos, the Netherlands • Hune Nega, Ethiopia • Choukrallah Redouane, Marocco • Rodney Cooke, IFAD • Urs Heierli, IDE
20'	<i>Discussion with the panel members and the audience (key questions will steer dialogue)</i> <ul style="list-style-type: none"> • Prof. Yuanhua Li • High level representative Bureau of Reclamation • Minister of Agriculture of Mali • Hugo Vinuesa, Ecuador • Steve Mills, Australia • Mamadou Cissoko, Senegal • Oumar Seydina Traore • Shakuntala Haraksingh Thilsted • Gerard Doornbos • Hune Nega • Choukrallah Redouane • Rodney Cooke • Urs Heierli
10	Wrap up by Alexander Müller, Assistant Director General for Natural Resources Management and Environment, FAO and Mr. A. Tyagi, Secretary General International Commission on Irrigation and Drainage (ICID)
Targeted audience in view of commitments	Those interested in the various aspects of water management for global and sustainable food production
Other Information	Not at the moment

**Session Outline Synthesis Session Theme 2.2.
Contribute to Food Security by Optimal Use of Water**

Part 1:

Reference number	2.2		
Target(s)/PFA/CS/Region	Theme 2.2. Contribute to Food Security by Optimal Use of Water		
Session title	Synthesis Session on Contribute to Food Security by Optimal Use of Water		
Session teaser/description	<p>Global food production meets the demand. Achieving the required increase is possible provided that improvements are made from producer to consumer.</p> <p>This Theme has reviewed and focused on solutions. Nine Targets have been formulated and analysed that cover the important aspects. These Targets have been presented in nine sessions, together with the opening session and a multi-stakeholder panel. This Synthesis session will integrate the various relevant aspects and will formulate recommendations and commitments, primarily based on the presented action Plans.</p>		
Duration	2 hours		
Contact details of the Coordinator(s) convening the session	<ul style="list-style-type: none"> Food and Agriculture Organisation of the United Nations (FAO). Viale delle Terme di Caracalla, 00153 Rome, Italy. Telephone: (+39) 06 57051, Fax: (+39) 06 570 53152, Email: FAO-HQ@fao.org Pasquale.steduto@fao.org; domitille.vallee@fao.org International Commission on Irrigation and Drainage (ICID), 48 Nyaya Marg, Chanakyapuri, New Delhi 110021, INDIA. Tel: +91-11-26116837, 91-11-26115679, E-mail: icid@icid.org C.C.: Schultz1@kpnmail.nl; Jacques.plantey@canal-de-provence.com 		
Objectives and outputs	<p><i>General objectives of the session</i></p> <p>To present the outcome of the sessions within the Theme and recommendations and commitments for follow-up</p>	<p>The scope, challenges, and constraints as perceived by those involved in the preparations presentations and discussions.</p>	
Format/Logistics request	<p><u>Estimated number of seats needed</u></p> <p>400 – 600</p>	<p><u>Preferred room set-up</u></p> <p>On stage:</p> <ul style="list-style-type: none"> catheder with laptop for speakers 12 chairs for speakers and panel members; 3 screens where the people in the chairs can look at; desk + chair for reporter clear banner on WWF6 behind the catheder <p>Standard cinema seating</p>	<p><u>All rooms will be equipped with:</u></p> <ul style="list-style-type: none"> a computer a video projector a screen 2 microphones simultaneous translation in French and English
Extra requirements for innovative sessions	Not at the moment		

Part 2:

<u>Time</u>	<u>Descriptions of items/presentations</u> <i>Date:</i> Friday March 16 11.00 – 13.00 hour <i>Hall:</i> Palais des congrès (PdC), N+1 <i>Room:</i> PC 10, Goude 2 <i>Chairman:</i> Prof. Gao Zhanyi <i>Rapporteur:</i> Domitille Vallee (FAO) (confirmed) <i>Facilitator:</i> Bart Schultz (confirmed)
10'	<i>Welcome and introduction by the chairman of the Synthesis session</i> President ICID Prof. Gao Zhanyi
10'	<i>Summarised overview of Target and Solution results and recommendations for the future, including commitments</i> Alexander Müller (FAO)
11 * 5'	<i>Brief reports of the 10 sessions by rapporteurs in consultation with the Core Group and Target Group Coordinators</i> <ul style="list-style-type: none"> • Opening Session: S. A. Kulkarni • Target I: • Target II: Roberto Lenton • Target III: Jacques Plantey • Target IV: Ms. Carla Mellor • Target V: Chandra Madramootoo • Target VI: Safwat Abdel Dayem • Target VII: Denis Baudequin • Target VIII: Jan Lundqvist • Target IX: Yves Richard • Multi-stakeholder Panel: Macarena Johns
30'	<i>Comments and recommendations from the floor</i> <i>Facilitator:</i> Bart Schultz <i>Card waiving:</i> Domitille Vallee
5'	Wrap up by Gao Zhanyi
10'	<i>Concluding remarks and closing</i> Alexander Müller (FAO) and Rodney Cooke (IFAD)
Targeted audience in view of commitments	Those interested in the various aspects of water management for global and sustainable food production
Other Information	Not at the moment

Target I. Session Outline

Part I :

Reference number	2.2.1		
Target(s)/PFA/CS/Region	By 2020, rainfed land productivity (yield per unit area) will sustainably increase by 25% in Africa, and by 15% in Asia - as compared to 2005 - 2007 baseline. Water productivity (yield per unit of water) of rainfed agriculture will sustainably increase for grains by 20% in Africa and in Asia by 15% compared to 2005-2007 baseline		
Session title	A little rainfall can go a long way to feed many more: Act Now		
Session teaser/description	<p>The session aims to raise the awareness on the importance to act now to unlock the potential of rainfed agriculture -the largest food basket in the world and the largest rural employer. Sustainable intensification of rainfed farming systems is possible with improved rainwater management.</p> <p>The session will first draw an overview of the situation of rainfed farming around the world and how the long neglect in land and water management has lead to degradation of important ecosystem services. It will illustrate through case studies how rainwater can be used better and longer by farmers for improved food production and income generation.</p> <p>There are actions for different key stakeholders to boost these initiatives and get vibrant rural economies from mainly rainfed systems.</p>		
Duration	2-hours		
Contact details of the Coordinator(s) convening the session	Oweis, Theib (ICARDA) [t.owais@cgiar.org] Suhas Wani (ICRISAT) S.WANI@CGIAR.ORG		
Objectives and outputs	<u>General objectives of the session</u> - raise awareness on the urgency to take action on sustainable intensification of rainfed system with water and land management - propose integrated solutions to unlock the rainfed potential through enhanced rainwater productivity	<u>Expected outputs</u> <input checked="" type="checkbox"/> Finalise the Target Action Plan <input checked="" type="checkbox"/> Share promising solutions <input type="checkbox"/> on commitments Enrich the report and its conclusions <input type="checkbox"/> ublish proceedings	
Format/Logistics request	<u>Estimated number of seats needed</u> Less than 200	<u>Preferred room set-up</u> Roundtable seating	<u>All rooms will be equipped with:</u> <ul style="list-style-type: none"> • a computer • a video projector • a screen • 2 microphones • simultaneous translation in French and English
Extra requirements for innovative sessions	Possibility to show a video (sound system) Professional facilitation requested		

Part 2:

<u>Time</u>	<u>Descriptions of items/presentations</u> <i>Date: Thursday March 15, 14.30 – 16.30 hour</i> <i>Hall: Palais de l'Europe (PEU)- hall 8</i> <i>Room: PEu 1</i> <i>Chair:</i> <i>Facilitator:</i> <i>Reporter:</i>
5'	<i>Introduction to clarify the key terminology and the scope of the session</i> Theib Oweis
10'	<i>Participatory session to get feedbacks from the participants on their interests / concerns on this issue (get a sense of who is in the room and how much they know about rainfed issues, and what their main interest is)</i> Johan Rockstrom
10'	<i>Set the scene – the situation today (rainfed systems in the world, yield gaps, trends)</i> Suhas Wani
10'	<i>Set the scene – Looking ahead – what prospects for the rainfed systems – demand, threats, options</i> Theib Oweis
10'	Questions and discussion Johan Rockstrom
10'	<i>Extract of 2 videos related to soil and water conservation interventions : 'Wegoubri', managing rainwater in Burkina and Kenya terracing (IIED)</i>
50'	World Café on Smart solutions to adapt rainfed systems to uncertain climates - 'gather solutions from around the world' <i>Lead Presentation to set the scene for group discussions</i> <i>Facilitated discussion with team of facilitators (professional facilitators supported by Domitille Vallée ; Vivek Sharma, Theib Oweis)</i> <i>I. Enhancing water use efficiency for improving rural livelihoods:</i>
5'	<ul style="list-style-type: none"> • Using water impact calculator – a public private partnership initiative in India Mr. Carlo Donati, Nestle - SAI (Sustainable Agricultural Initiative)
5'	<ul style="list-style-type: none"> • <i>Minimizing risks in arid zones with water harvesting and supplemental irrigation</i> Theib Oweis (ICARDA)
5'	<i>II. Managing land for sustainable intensification through improved soil health:</i>
5'	<ul style="list-style-type: none"> • <i>A mission approach for sustainable intensification and improving livelihoods in Karnataka</i> Karnataka Government Representative • <i>Managing land to increase soil fertility and moisture in Burkina Faso</i> Burkina Faso Representative
30'	<i>Round Tables:</i> <i>Participants will be grouped into multiple Round Tables with 6 subjects</i> 1. Technical solutions through management of land, water and crops 2. Strategies to build PPP to unlock the potential of rainfed agriculture 3. Policies and Institutional solutions for rainfed agriculture 4. Participatory research for development through watershed management 5. Capacity development strategies for different stakeholders 6. Scaling-up
15	<i>Key points from each tables and wrapping up recommendations points for action plan</i> Johan Rockstrom and Mr. JF Cavana
Targeted audience in view of commitments	Researchers, Policymakers, Large-scale farmers, smallholder farmers, government officials, engineers, NGOs, donor representatives, corporate sectors, interested parties.
Other Information	Video to be provided by Domitille Vallée

Target II. Session Outline

Part 1:

Reference number	Target 2.2.2		
Target(s)/PFA/CS/Region	By 2020, sustainably increase by 15% - as compared to 2005-07 baseline – water productivity per unit land and per year (yield per m ³ , per ha and per year) of irrigated agriculture (for specific crop categories).		
Session title	Sustainable food security through increased productivity of irrigated agriculture		
Session teaser/description	<p>Irrigated agriculture uses approximately 70% of the total water withdrawal worldwide. Many irrigation systems are performing below their potential for a range of reasons. In order to feed the growing world population, the productivity of irrigated agriculture will have to increase. Simply put, the world must have ‘more crop per drop’.</p> <p>Intervention measures may include better operation and maintenance of irrigation systems, better water management, upgrading of irrigation and drainage systems, enhanced financial practices, and improved practices related to tillage, seeds, fertilizer application and pest control.</p> <p>The goal will be to close the gap between the actual crop yield and the potential crop yield in a cost effective and sustainable manner through the presentation of a range of existing and proposed solutions.</p>		
Duration	Unless they are combined with other sessions, all sessions are 2-hour long		
Contact details of the Coordinator(s) convening the session	Thomas Farrell – University of Nebraska: tfarrell@nebraska.edu Pasquale Steduto – FAO: Pasquale.Steduto@fao.org Dale Jacobson – University of Nebraska/EWRI: djacobson@mac.com Debra Leigh – University of Nebraska/EWRI: debraleigh@qwest.net		
Objectives and outputs	<u>General objectives of the session</u> <ul style="list-style-type: none"> • review current irrigated agriculture practices • explain water productivity • explore the yield gap • discuss possible interventions • present solutions 	<u>Expected outputs</u> <ul style="list-style-type: none"> ☑Finalise the Target Action Plan ☑Share promising solutions ☑Work on commitments ☑Enrich the report and its conclusions Other, please specify:	
Format/Logistics request	<u>Estimated number of seats needed</u> Less than 200	<u>Preferred room set-up</u> Standard cinema seating	<u>All rooms will be equipped with:</u> <ul style="list-style-type: none"> • a computer • a video projector • a screen • 2 microphones • simultaneous translation in French and English
Extra requirements for innovative sessions			

Part 2:

<u>Time</u>	<u>Descriptions of items/presentations</u> <i>Date: Thursday March 15, 17 – 19 hour</i> <i>Hall: Palais des congrès (PdC) RDJ</i> <i>Room: PC 4, Patio 2</i> <i>Chairperson:</i> <i>Facilitator:</i> <i>Reporter:</i>
	<i>Setting the scene</i>
10'	<i>Introductions and setting the scene on the issue of increased productivity of irrigated agriculture for food security</i> Thomas Farrell
20'	<i>A world perspective 1: status and prospects of water productivity in irrigation practices. followed by exchange with the audience</i> Pasquale Steduto, FAO
20'	<i>A world perspective 2: Assessment of the productivity yield gap (Atlas) and implication for irrigated systems improvement (10') followed by exchange with the audience</i> Kenneth Cassman
	<i>Moving to action:</i> Panel of Practitioners to share their experiences
5'	<i>Short Video on Morocco experience -from gravity to drip systems (Morocco Ministry of Agriculture/ FAO)</i>
30'	<i>Facts from the field : Practitioners from around the world – adding value to irrigation systems (each speaker will have 5' to provide an overview of the solutions proposed)</i> <ul style="list-style-type: none"> • China (Multiple use services in irrigation systems-MASSMUS example) – Prof. Gao Zhanyi • India (modernizing irrigation systems)- Thierry Facon • Senegal/Morocco (solar irrigation systems) (xx, Arable Africa, France) • Madagascar/Honduras (nutrition and income for small holders with small modular irrigation systems) – Jean Payen (IFAD project / Scampi) • SubSaharan Africa – How motor-pumps can change the face of irrigation (Charlotte de fraiture, IHE-Delft)
35'	<i>Discussion, questions and answers. Audience exchange Opportunity</i> Thomas Farrell
Targeted audience in view of commitments	Large-scale farmers, smallholder farmers, government officials, academicians, engineers, regulatory officials, NGOs, donor representatives, interested parties
Other Information	None

Target III. Session Outline

Part 1:

Reference number	2.2.3		
Target(s)/PFA/CS/Region	Increase sustainable productivity and lower costs of water management (yield per ha, per m ³ of water and per unit production cost) in such a way that by year 2025 there is food security at affordable prices for all.		
Session title	Sustainable productivity and lower costs of water management for food security at affordable prices for all		
Session teaser/description	<p>Population growth - 7.0 billion now to 9 billion by 2050 - combined with rise of living standards require a strong increase of food production. Land reclamation can only contribute 10 - 20%. So, the main concern is to increase sustainable food production at already cultivated land. Irrigation and drainage are essential to ensure food availability. But water management has a price. Its sustainability relies on the fact that agriculture is able to pay for the 'sustainability cost'.</p> <p>The balance between production costs, farm gate and consumer prices is a key question to ensure both availability and food access for all at affordable prices. Full cost of food may be hard to be paid by all consumers. On the other hand farmers must get a fair income for their production. Too low prices prevent them to stay in agriculture, and they will move to other crops or the city.</p>		
Duration	2-hours		
Contact details of the Coordinator(s) convening the session	International Commission on Irrigation and Drainage (ICID), 48 Nyaya Marg, Chanakyapuri, New Delhi 110021, INDIA. Tel: +91-11-26116837, 91-11-26115679, E-mail: icid@icid.org C.C.: Schultz1@kpnmail.nl ; Jacques.plantey@canal-de-provence.com		
Objectives and outputs	<u>General objectives of the session:</u> to reach agreement on how to Increase sustainable productivity and lower costs of water management (yield per ha, per m ³ of water and per unit production cost) in such a way that by year 2025 there is food security at affordable prices for all; to reach agreement on the milestones and on their implementation.	<u>Expected outputs</u> X final version of the Target Action Plan X agreement on promising solutions X agreement on the implementation of commitments X enough information to finalise the report and its conclusions	
Format/Logistics request	<u>Estimated number of seats needed</u> 200-400	<u>Preferred room set-up</u> Standard cinema seating	<u>All rooms will be equipped with:</u> <ul style="list-style-type: none"> • a computer • a video projector • a screen • 2 microphones • simultaneous translation in French and English
Extra requirements for innovative sessions	<ul style="list-style-type: none"> • two catheders on stage • table with seats for 8 persons • distribute to all people 3 coloured cards (red, green, yellow) 		

Part 2:

<u>Time</u>	<u>Descriptions of items/presentations</u>
	<p><i>Date:</i> Thursday March 15, 8.30 – 10.30 hour <i>Hall:</i> Palais des congrès (PdC) RDJ <i>Room:</i> PC 4, Patio 2 <i>Chairman:</i> Prof. Gao Zhanyi <i>Moderator:</i> Pasquale Steduto <i>Rapporteur:</i> Macarena Johns</p>
10'	<p><i>Presentation general findings actions, solutions, commitments and recommendations of Target III</i> Bart Schultz</p>
	<i>What can be done: a range of perspectives</i>
5'	<p><i>Institutional aspects</i> Jacques Plantey</p>
5'	<p><i>Technical aspects</i> Hervé Plusquellec (tbc)</p>
5'	<p><i>Financial aspects</i> Kevin Parris</p>
4'	<p><i>Farmers opinion</i> Steve Mills (tbc)</p>
4'	<p><i>A multi-lateral donor perspective</i> Ian Makin (tbc)</p>
4'	<p><i>Manufacturers point of view</i> Laurent Selles</p>
30'	<p><i>First round of discussion with the audience starting with brief comments from other target group members on what can be done (2 minutes each) facilitated by Pasquale Steduto</i></p> <ul style="list-style-type: none"> • Theib Oweis (tbc) • J.F. Cavana (tbc) • N. Daurensan (tbc) • Claudia Ringler (tbc)
	<i>Solutions that have been tested: up-scaling potential</i>
4'	<p><i>Practitioner point of view. The MASCOTTE approach</i> Robina Wihaj</p>
4'	<p><i>Potential of-flood irrigation for small-holder farm families</i> Abraham Mehari Haile</p>
15'	<p><i>Brief comments by the other Target group members (2 minutes each)</i></p> <ul style="list-style-type: none"> • Billy Troy (tbc) • S. Balsan (tbc) • Kaushik Ghosh • Sara Delaney (tbc) • Urs Heierli
25	<p><i>Discussion of speakers and audience facilitated by Pasquale Steduto:</i></p> <ul style="list-style-type: none"> • Jacques Plantey • Hervé Plusquellec (tbc) • Kevin Parris • Steve Mills (tbc) • Ian Makin (tbc) • Laurent Selles • Robina Wihaj • Abraham Mehari Haile
5'	<p><i>Wrap up and conclusions</i> Gao Zhanyi</p>
Targeted audience in view of commitments	Those interested in the various aspects of water management for global and sustainable food production



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Other Information	Not at the moment
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Target IV. Session Outline

Part 1:

Reference number	2.2.4		
Target(s)/PFA/CS/Region	By 2015 increase by 25% - as compared to 2005-2007 baseline – the safe use of non-conventional waters, either treated wastewater or saline water, in agriculture and aquaculture, together with an increase in the number of countries recognizing the WHO-FAO-UNEP Guidelines for wastewater use in agriculture and aquaculture where insufficiently treated wastewater is used.		
Session title	Using non-conventional water of lower quality for agriculture and aquaculture.		
Session teaser/description	Agriculture can use water that is not suitable for higher level purposes, such as for household or industrial use. Waste water and salty water can be productive resources if used appropriately, thereby conserving higher quality water while providing disposal methods and a source of food and income. The challenge is how to use this water without harming human health or the environment. The session will focus on a variety of solutions to this challenge that have application in many regions of the world.		
Duration	2-hours		
Contact details of the Coordinator(s) convening the session	Dr Faisal Taha, coordinator		
Objectives and outputs	<u>General objectives of the session</u> To present solutions to the challenges of using waste water and saline water for food production To provide a forum for discussion and new ideas -	<u>Expected outputs</u> <input checked="" type="checkbox"/> Finalise the Target Action Plan <input checked="" type="checkbox"/> Share promising solutions <input type="checkbox"/> Work on commitments <input checked="" type="checkbox"/> Enrich the report and its conclusions <input type="checkbox"/> Other, please specify:	
Format/Logistics request	<u>Estimated number of seats needed</u> Less than 200	<u>Preferred room set-up</u> Standard cinema seating	<u>All rooms will be equipped with:</u> <ul style="list-style-type: none"> • a computer • a video projector • a screen • 2 microphones • simultaneous translation in French and English
Extra requirements for innovative sessions	Portable microphone		

Part 2:

<u>Time</u>	<u>Descriptions of items/presentations</u> Date: Thursday March 15, 11.00 – 13.00 hour Hall: Palais des congrès (PdC) RDJ Room: PC 4, Patio 2 Chairman: Dr. Faisal Taha and/or Deputy Minister of Environment and Water, UAE Facilitator: Dr. Faisal Taha Moderator: Dr. Ian McCann Reporters: Ms. Carla Mellor and Dr. Khalil Ammar
5'	<i>Introduction</i> Dr Faisal Taha – Coordinator
10'	<i>High level treated wastewater</i> <i>Two solutions from USA and Mexico</i> Robert F. Kelly
10'	<i>Low level treated wastewater</i> <i>Two solutions from West Africa</i> Ben Keraita
10'	<i>Managing Urban waste water and small scale irrigation – a case study in Dakar, Senegal</i> Javier Mateo Sagasta Dávila
10'	<i>Wastewater based aquaculture</i> Sonia Gupta
10'	<i>First round of discussion with the audience</i>
5'	<i>Wastewater reuse solutions in Palestine</i> Jamal Al-Dadah
10'	<i>Forage and tree production using treated wastewater in Middle East/North Africa</i> Dr. Choukrallah Redouane
10'	<i>New irrigation criteria for water suitability</i> Donald Suarez
10'	<i>SaltMed model as a tool for water, crop, fertilizer and field management</i> Ragab Ragab
10'	<i>Using saline water for agricultural, aquacultural and environmental purposes in the Arabian Peninsula</i> Ian McCann
10'	<i>2nd round of discussion with the audience</i>
5'	<i>Wrap up</i>
Targeted audience in view of commitments	Scientific/Private industry/government and non governmental organisations
Other Information	

Target V. Session Outline

Part 1:

Reference number	2.2.5		
Target(s)/PFA/CS/Region	Increasing capacity of water storage in support of irrigated agriculture in an environmentally sufficient and socially sound management		
Session title	Securing world food supplies through increased water storage systems		
Session teaser/description	Irrigation has reduced likelihood of hunger and malnutrition, transformed rural economies, created employment and increased food supplies, particularly in Asia. This was only possible through the provision of reservoirs, dams and water storage structures. Reliable storage and irrigation have also boosted economic growth in many of the developed economies of the Americas and Europe. This success has enabled the transformation of agriculture-based economies to industrial and emerging market economies. Additional benefits of dams and reservoirs are that they serve multiple purposes, such as electricity generation, flood control, navigation, and aquaculture. However, the level of creation of storages in many developing countries in Africa as well as Asia, are inadequate to withstand future challenges of climate change, drought and thus food security. Countries in sub-Saharan Africa store only about 4% of their annual renewable flows, compared with 70%-90% in many developed countries, yet water storage is essential to ensure reliable sources of water for irrigation, water supply and hydropower and to provide a buffer for flood management. For many countries with insufficient water storage capacity, the case for creating storages should form part of its food and energy security agenda. Given the projected rise in population in many of the developing nations in Africa and Asia, and the changing demographic patterns including urbanization, food production, and energy security shall necessitate dams, reservoir, water harvesting ponds, and surface runoff capture.		
Duration	2 hours		
Contact details of the Coordinator(s) convening the session	Professor Dr Chandra Madramootoo, Dean of Agricultural and Environmental Sciences, McGill University, and President Hon. ICID. Tel: 514-398-7707 Email: chandra.madramootoo@mcgill.ca		
Objectives and outputs	<u>General objectives of the session</u> <ul style="list-style-type: none"> • To arrive at realistic targets of the amount of water storage need to secure world food supplies • To discuss appropriate methods of water storage in various regions • To ensure that all environmental safeguards are in place to support infrastructural development • to explore possible investment costs by region 	<u>Expected outputs</u> <ul style="list-style-type: none"> X Finalise the Target Action Plan X Share promising solutions X Work on commitments X Enrich the report and its conclusions <input type="checkbox"/> her, please specify:	
Format/Logistics request	<u>Estimated number of seats needed</u> 200	<u>Preferred room set-up</u> Standard cinema seating	<u>All rooms will be equipped with:</u> <ul style="list-style-type: none"> • a computer • a video projector



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			<ul style="list-style-type: none">• a screen• 2 microphones• simultaneous translation in French and English
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Part 2:

<u>Time</u>	<u>Descriptions of items/presentations</u> <i>Date: Wednesday March 14 14.30 – 16.30 hour</i> <i>Hall: Palais de l'Europe (PEU)- hall 8</i> <i>Room: PEu 5</i> <i>Chairperson:</i> <i>Facilitator: Mr Ismail Najjar (tbc)</i> <i>Reporter: Mr. A. Tyagi (tbc)</i>
5'	Welcome and Introduction President Gao Zhanyi
10'	Options and importance of 'Water Storage for Irrigated Agriculture ' President Hon. Chandra A. Madramootoo
10'	Large Dams and Storages – Relevance of Eco-friendly and Socially Acceptable Water Development ICOLD President JinshengJia
10'	small storage options for smallholders—from water harvesting to small dams Mr. HuneNega, MoA, Ethiopia (project – ag water solutions) (tbc)
15'	First exchange with audience around the storage options by facilitator (tbc)
50'	Round Table discussionsto discuss the range of storage options to support agriculture adaptation to climate change while answering to the needs of other sectors _including the env, (each table will build around an example -5' presentation- and will reflect on its relevance for other settings) <ul style="list-style-type: none"> • Sri Lanka, traditional cascading systems (Women for Water Partnership, BadraKamaladasa (tbc) • India, water harvesting in individual tanks, the RegarSagar movement in West Madhya Pradesh –CARD - <i>Vivek Sharma</i> • Niger and Mali, sand dams and groundwater dams • Sub saharan africa – rethink the small dams- ag water solutions project (tbc) • Water storage for multiple use and flood protection – various examples (various tables) from ICOLD and ICID National Committees • CNCOLD • R.C. Jha (INCID) • Turkey (TUCID) • USCID (Larry Stephens) • Pakistan (K Mohatadullah) • Canada (CANCID) • Managing electricity and irrigation supply - / EDF Emmanuel Branche), ICID/ AFEID -Daniel Boubee; • Brazilian example • Managing drinking supply and agriculture with an example from IHA • Managing environment and agriculture with an example from IUCN
10'	Summary of table discussions (the Facilitator will summarize results)
10'	Session Conclusions and recommendations Professor Dr. Chandra A. Madramootoo, McGill University and President Hon ICID; ICID Secretary General A.C. Tyagi
Targeted audience in view of commitments	Policy makes and water resource planners involved in the development of national food and water security plans
Other Information	This session will be highly participative, and would require to prepare for each table briefs on each example to be distributed – 1 pager

Target VI. Session Outline

Part 1:

Reference number	2.2.6		
Target(s)/PFA/CS/Region	By 2015: develop and adopt at least two macro-regional visions optimizing water use for food security; and by 2020 develop 200 sub-regional (national, local, large area, etc) sustainable agriculture plans		
Session title	Optimal use of water for food security. Regional visions and local agricultural plans		
Session teaser/description	Over the coming decades, global change will have significant, yet highly uncertain impacts on food and water security. World-wide there is an enormous challenge to produce almost 50% more food up to 2030, and double production by 2050 to satisfy the demand of a population of just over 9 billion people. Nearly all of this population increase will occur in emerging and least developed countries. Today's agriculture sector faces a complex series of challenges: produce more food of better quality while using less water per unit of output; provide rural people with resources and opportunities to live a healthy and productive life; apply clean technologies that ensure environmental sustainability; and contribute in a productive way to the local and national economy. If you are interested and willing to be a part of a global action oriented effort for developing and adopting regional visions and local action plans for sustainable agriculture you are invited to join Topic session T2.2.6.		
Duration	Unless they are combined with other sessions, all sessions are 2-hour long		
Contact details of the Coordinator(s) convening the session	Prof. Safwat ABDEL-DAYEM Secretary General Arab Water Council (AWC) Tel.: +(202) 22600312 (office), +(20122) 2379222 (mobile) <input type="checkbox"/> E-mail: safwat@arabwatecouncil.org		
Objectives and outputs	<u>General objectives of the session</u> - Confirm the need for regional visions and local action plans for sustainable agriculture and food security. - Agree on the approach, methodology and next steps	<u>Expected outputs</u> <input type="checkbox"/> Finalise the Target Action Plan (Yes) Share promising solutions (Yes) <input type="checkbox"/> Work on commitments (Yes) <input type="checkbox"/> Enrich the report and its conclusions (Yes) <input type="checkbox"/> Other (Yes) , please specify: - Agree on next steps	
Format/Logistics request	<u>Estimated number of seats needed</u> Less than 200	<u>Preferred room set-up</u> Roundtable seating	<u>All rooms will be equipped with:</u> <ul style="list-style-type: none"> • a computer • a video projector • a screen • 2 microphones • simultaneous translation in French and English
Extra requirements for innovative sessions	<ul style="list-style-type: none"> - Professional facilitation - Flip Charts and Stands - Color marking pens - Adhesive taps 		

Part 2:

<u>Time</u>	<u>Descriptions of items/presentations</u> <i>Date: Thursday March 15, 17.00 – 19.00 hour</i> <i>Hall: Palais de l'Europe (PEU)- hall 8</i> <i>Room: PEu 2</i> <i>Chair: Prof. Dr. Mahmoud Abu-Zeid (AWC)</i> <i>Moderator: Prof. Safwat Abdel-Dayem (AWC)</i> <i>Reporter: Ragab Ragab (ICID)</i>
10'	Opening: <ul style="list-style-type: none"> • <i>President Arab Water Council (AWC), Prof. Dr. Mahmoud Abu-Zeid</i> • <i>Theme 2.2 Core Group Coordinator, Pasquale Steduto</i>
10'	<i>Introduction to Target VI, identified solutions and commitments</i> Target and Solutions Group Coordinator, Prof. Safwat Abdel-Dayem
30'	<i>Interactive roundtable discussions on developing regional visions and agricultural plans hosted by the Target and Solution Group Members.</i>
30'	<i>Presenting the group discussion outcome by the small group reporters</i>
30'	<i>Moderated high level panel discussion about issues, solutions and commitments H.E. Fahd Al-Attiya (Qatar)</i> <ul style="list-style-type: none"> • Dr Rodney Cooke (IFAD) • H.E. Dr. Hesham Kandil (Egypt) • Dr. Thierry Facon, (FAORAP) • Dr. Djamal Djaballah (LAS) • Prof Eric Odada (Kenya) • Mr. Ch. L.N. Reddy. President, Water Users
10'	<i>Wrap up and closing</i> Prof. Dr. Mahmoud Abu-Zeid
Targeted audience in view of commitments	Political leaders, Regional coordinators, Donors, Development agencies, Decision makers, Government officials, Water/agricultural specialists, professional associations, Private Sector, Women, Youth.
Other Information	

Target VII. Session Outline

Part 1:

Reference number	2.2.7		
Target(s)/PFA/CS/Region	By 2015, develop national strategic action programmes for key 'hotspot' aquifers exploited by intensive agricultural use (% aquifer depletion, % pollution), including a local definition of maximum admissible drawdown (MAD) and local definition of maximum admissible pollution levels (MAP) for agricultural uses		
Session title	Groundwater: boom or bust for agriculture?		
Session teaser/description	<p>The session aim to raise awareness on the risks of uncontrolled development of groundwater for multiple uses, and in particular for agriculture production. It will illustrate <i>consequences</i> of unregulated pumping and present solutions that have been attempted to slow or reverse trends in aquifer depletion and groundwater quality decline.</p> <p>The session will aim to demonstrate that prevention and local collective governance of groundwater as a common good is likely to be much more cost-effective than cure for all involved.</p>		
Duration	Unless they are combined with other sessions, all sessions are 2-hour long		
Contact details of the Coordinator(s) convening the session	Jacob Burke: jacob.burke@fao.org Domitille Vallee: domitille.vallee@fao.org		
Objectives and outputs	<u>General objectives of the session</u> - raise awareness on the urgency to take action on uncontrolled use of groundwater for agriculture (and other uses) - propose solutions to manage sustainable groundwater use	<u>Expected outputs</u> <input type="checkbox"/> Finalise the Target Action Plan <input type="checkbox"/> Share promising solutions <input type="checkbox"/> Work on commitments <input type="checkbox"/> Enrich the report and its conclusions <input type="checkbox"/> Other, please specify:	
Format/Logistics request	<u>Estimated number of seats needed</u> Less than 200	<u>Preferred room set-up</u> Roundtable seating	<u>All rooms will be equipped with:</u> <ul style="list-style-type: none"> • a computer • a video projector • a screen • 2 microphones • simultaneous translation in French and English
Extra requirements for innovative sessions	Distribute to all people 3 coloured cards (red, green, yellow)		

Part 2:

<u>Time</u>	<u>Descriptions of items/presentations</u> <i>Date: Wednesday March 14 14.30 – 16.30 hour</i> <i>Hall: Palais des congrès (PdC), N+1</i> <i>Room: PC 11, Morgiou</i> <i>Chairperson:</i> <i>Facilitator: Domitille Vallee</i> <i>Reporter:</i>
5'	<i>Introduction to clarify key terminology and the scope of the session</i> Jacob Burke
10'	<i>Participatory session to get feedbacks from the participants on their interests / concerns on this issue (get a sense of who is in the room and how much they know about GW, and what their main interest is) facilitated by Domitille Vallee</i>
5'	<i>Issue and action– case study 1 – India (APFAMGS)</i> Dr. G Das
5'	<i>Issue and action – case study 3 – France (Beauce) (Beauce aquifer and Provence conjunctive)</i> Denis Baudequin
5'	<i>Issue and action – case study 3 – USA</i> Speaker (tbc)
5'	<i>Issue and action case study 4 –Morocco (Souss)</i> <i>Massa Draa Aquifer</i> Dr Lahcen Kenny or Dr Brahim Habibi (tbc)
15'	<i>Questions and discussion facilitated by Domitille Vallee</i>
40'	<i>Panel to discuss the different types of ‘solutions’ – institutional, technical, social. each panelist will be given 2’ for a statement that would show different perspectives and then discussion will be opened with the audience facilitated by Domitille Vallee.</i> <ul style="list-style-type: none"> • Mexico, Central water authority • China, Gao Zhanyi • France, Mr. Denis Baudequin or Jean Margat • Ethiopia, groundwater access for small-holders - manual well drilling, Hune Nega, representative from MoA • World Bank – representative (tbc) • Role of hydrogeologists, John Chilton, International Association of Hydrogeology (IAH)
10'	<i>Wrapping up recommendations points for action plan</i> Jacob Burke
Targeted audience in view of commitments	practitioners willing to develop groundwater resources for agriculture or other water uses ; policy makers designing governance systems for groundwater
Other Information	

Target VIII combined with 3.2.4. Session Outline

Part 1:

Reference number	Theme 22 and Theme 3.2	
Target(s)/PFA/CS/Region	<p><i>Target 228.</i> By 2015, define water-related components of a strategy that will improve food supply chain efficiency by 50% and promote sustainable diets, including steps for its implementation by 2025.</p> <p><i>Target 324.</i></p>	
Session title	<p>Water Savings and Sustainable Diets Reducing post-harvest losses and food waste for multiple gains</p>	
Session teaser/description	<p>During the last few decades, laudable progress has been made in terms of increasing agricultural/food production, totally, and on a per capita basis. Yields have increased and water productivity, 'more crop per drop', has improved. Little attention has, however, been devoted to what happens with the food that is produced, how much of it is lost and wasted in the supply chain and how much is actually eaten or beneficially used in other ways. Figures are uncertain, but according to many observers between 30% and 50% of agricultural production are lost or wasted.</p> <p>These losses are commensurable with a waste of the water, as well as other natural resources that were used in production. Moreover, urbanized societies in the way they consume and change their diets have growing water footprints.</p> <p>This session aims to raise the awareness on the scale of the problem of food waste, unsustainable diets and water footprints. It will also show directions for collective and individual actions and call to join in a multi stakeholder's coalition to support these actions.</p>	
Duration	4 hours as combined with Target 3.2.4	
Contact details of the Coordinator(s) convening the session	<p>Jan Lundqvist: Jan.lundqvist@siwi.org Barbara Burlingame (FAO): barbara.burlingame@fao.org ; Dernini, Sandro (FAO): sandro.dernini@fao.org VIEL Dominique [Dominique.Viel@finances.gouv.fr] Daniel Zimmer (danielzimmer13@gmail.com)</p>	
Objectives and outputs	<p><u>General objectives of the session</u></p> <ul style="list-style-type: none"> - To illustrate that improvements in supply chain efficiency could have multiple benefits; for farmers, for the environment, water savings, and for the consumers - Show that it makes a lot of sense to combine food production and supply thinking with objectives for consumers, e.g. sustainable diets - show the relation between supply and value chain and that various groups may benefit - illustrate that there is a growing interest for this kind of fresh thinking from various stakeholders, incl the private sector 	<p><u>Expected outputs</u></p> <ul style="list-style-type: none"> • Finalise the Target Action Plan – <u>maybe</u> • Share promising solutions – <u>yes</u> • Work on commitments – yes, to be followed up at World Water Week in Stockholm, August 2012 • Enrich the report and its conclusions <p>Other, please specify: We are discussing various outputs to enhance awareness, promote initiatives: videos, articles, a book</p>



Format/Logistics request	<u>Estimated number of seats needed</u> 200-400	<u>Preferred room set-up</u> Roundtable seating	<u>All rooms will be equipped with:</u> <ul style="list-style-type: none"> • a computer • a video projector • a screen • 2 microphones • simultaneous translation in French and English
Extra requirements for innovative sessions	Arrangements to show a professional video – a big screen? Get the coffee served in the room and enough space to show posters in the room, to allow people to move around the room and discuss with the sessions organisers during coffee break If available, a professional facilitator will be useful.		

Part 2:

<u>Time</u>	<u>Descriptions of items/presentations</u>
	<p><i>Date:</i> Thursday March 15, 8.30 – 10.30 hour <i>Hall:</i> Palais de l'Europe (PEU)- hall 8 <i>Room:</i> PEu 8 <i>Chairperson:</i> <i>Facilitators:</i> Shakuntala Haraksingh Thilsted, Domitille Vallee and Daniel Zimmer <i>Reporter:</i></p>
10'	<p><i>From field to fork – importance of food waste (post-harvest losses, conversions, waste and sustainable diets). Magnitude of the issue; potential savings and benefits</i> Jan Lundqvist (SIWI)</p>
10'	<p><i>Sustainable diets and water - water cost on nutrients for human nutrition</i> Barbara Burlingame, FAO</p>
10'	<p><i>Water footprints – importance of food waste for water, a minimum agenda for action for the water community.</i> Daniel Zimmer</p>
15'	<p><i>Questions for clarifications</i></p>
10'	<p><i>Video. 'Taste the Waste' highlights from video</i> Valentin Thurn, Köln, Germany</p>
30'	<p><i>1st Panel (5 introductions) - the dimension of the food waste and food losses problem facilitated by Dr Shakuntala Haraksingh Thilsted</i> <i>(each panellist is given about 3 minutes to set the scene, one slide for each panellist to highlight the situation in different regions. Followed by clarifying questions).</i></p> <ul style="list-style-type: none"> • situation and initiatives in Africa (Dr Aly Abou-Sabaa, African Development bank) • situation and initiatives in Asia: India: IFPRI colleague Delhi, Dr Tyagi; China: prof Junguo Liu) • situation in OECD (Dr Brad Riddout, CSIRO, Australia) • situation in EU (Dr Dominique Viel and WRAP, UK) • private Sector: Perceptions and initiatives (John Bee /Christian Frutiger, Nestlé)
20'	<p><i>Audience inputs and responses</i></p>
25'	<p><i>Coffee break – with walk around and contacts. Posters about virtual water, food waste, sustainable diet. Examples of action and ideas</i></p>
30'	<p><i>2nd Panel (6 introductions): Approaches and solutions; setting an agenda for action Facilitated by Domitille Vallee</i> <i>(each panellist is given about 3 minutes to set the scene, one slide for each panellist to highlight the situation in different regions. Followed by questions and comments)</i></p> <ul style="list-style-type: none"> • Multilateral donor/IFAD: (Rudolf Cleveringa, IFAD) • Last minute market: (Andrea Segre and Silvia Gaiani, Bologna) • Nutrition: (Dr Shakuntala Haraksingh Thilsted, Bangladesh and Denmark) • Private sector: Water Foodprint Pyramid and Sustainable Menus (Luca Ruini, Barilla) • Mediterranean diet as a model of sustainable diets (Roberto Capone, C.I.H.E.A.M - Bari) • Farmers' organization : (Mr. Mamadou Cissoko, ROPPA West Africa, Senegal.
20'	<p><i>Audience inputs and responses</i></p>
30'	<p><i>3rd Panel: A coalition against food waste and for sustainable diets facilitated by Daniel Zimmer</i> <i>This third Panel aims to build a coalition and will involve a range of stakeholders to represent national initiatives (ie French ministry of ecology, WRAP, UK), regional initiatives ie EU initiatives), industry initiatives and discuss the role of research and the media, UN organizations, the corporate/ commercial sector, initiatives on food waste-reuse(ie Benoît Hermann of Accor group), student networks, food charity programs, a.s.</i></p>
20'	<p><i>Audience inputs and responses</i> <i>During this time slot, stakeholders are welcome to add examples on coalitions in terms of posters or other documents that can be on display.</i></p>
10'	<p><i>Wrap up - proposal for action plan</i></p>



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	Pasquale Steduto
Targeted audience in view of commitments	Professionals from various stakeholder groups
Other Information	

Target IX. Session Outline

Part 1:

Reference number	2.2.9	
Target 9	Improve water management for more food production and increased access to water for smallholder farmers	
Session title	Make water work for small farmers also : an answer to food security and production challenges	
Political message	Ensure the voices of smallholders are heard for policy reform; their concerns should be part of any global, regional and national solutions for food and water security.	
Session teaser/description <i>(150 words, please kindly use media-friendly language)</i>	<p>Smallholders have a central role in ensuring food security and food sovereignty and can succeed when supported with a range of measures political, technical, financial and capacity building.</p> <p>This session aims to raise the awareness on the importance to support smallholders and that such investments can bear a lot of benefits. It will also show directions for collective and individual actions and call to join in a multi stakeholder's coalition to support these actions.</p>	
Duration	2-hours	
Contact details of the Coordinator(s) convening the session	<p>Yves RICHARD CCFD Catholic Committee against hunger and for the development</p> <p>Secretary of the working group Justice for the smallholder farmers to access water for food of Coordination SUD (Solidarité Urgence et Développement - Coordination Solidarity, Urgency and Development).</p> <p>Co-coordinator with the French Ministry of Agriculture of the thematic group water and food security of the French National Committee of the forum Tel.: 33 6 83 28 87 36 E-mail: y.richard@ccfd.asso.fr</p>	
Objectives and outputs	<p><u>General objectives of the session</u></p> <ul style="list-style-type: none"> demonstrate the potential of smallholders participation in agriculture water management processes illustrate a range of options to unlock that potential raise the awareness of policy makers on the importance of implementing combination sets of measures, including social oriented measures, as part of the process propose an action plan 2012-2015 link the agendas of water, agricultural G20 and Rio+20 convince the research centres and the development banks to take into account the small farming as an important lever to produce more agricultural goods by a better access and use of water 	<p><u>Expected outputs</u></p> <ul style="list-style-type: none"> Complete the Target Action Plan Share solutions Work on commitments Enrich the report and its conclusions bring other stakeholders and the water community actors to take the importance of small holders as a part of the solutions to combat hunger, through a better access to water, water credit and water training
Format/Logistics	<u>Estimated number of seats needed</u>	<u>Preferred room set-up</u> <u>All rooms will be</u>



request	Less than 200	Roundtable seating	<u>equipped with:</u> <ul style="list-style-type: none">• computer• video projector• screen• 2 microphones• simultaneous translation in French and English
Extra requirements for innovative sessions			

Part 2:

<u>Time</u>	<u>Descriptions of items/presentations</u> <i>Date: Thursday March 15, 14.30 – 16.30 hour</i> <i>Hall: Palais des congrès (PdC), N+1</i> <i>Room: PC 12, Sormiou</i> <i>Chairman: Guillaume Benoit (tbc)</i> <i>Moderator: Yves Richard</i> <i>Rapporteur: Domitille Vallee</i>
10'	<i>Introduction by the target's coordinator to set the scene and frame the debates and presentation on the speakers gathered in 3 groups</i> Yves Richard (CCFD)
10'	<i>main conclusions of the irrigators governance systems based on the Mediterranean ISIIIMM survey (6 countries - Egypt, France, Italy, Lebanon, Morocco, Spain-, 20 case studies)</i> Thierry Ruf (IRD)
10'	<i>AG water solutions project : agricultural water management for small farmers, zoom on water harvesting options</i> Vivek Sharma, CARD, India
15'	<i>First exchange with the audience on small scale private water management</i>
10'	<i>Women at the Centre of Climate-friendly Approaches to Agriculture and Water Use Empowerment of women as political actors in society and as decision-makers at the household level. Participation in local democratic governance systems. Promotion of multifunctional agriculture.</i> Sheelu Francis (tbc), Women Collective of Tamil Nadu and Shiney Varghese, IATP Institute for Agriculture and Trade Policy
10'	<i>Supporting the Development of Water Users Associations - PreyNup's polders near Sihanouk city in Cambodia</i> Yim Boy President of the polders' users association and Sophak Seng, ISC director (tbc)
10'	<i>Territory management local operations in the isle of La Reunion, France</i> Guillaume Benoit
30'	<i>2nd exchange with the audience with all speakers on support measures to support smallholders</i> All speakers
15'	<i>Synthesis and conclusions: the moderator will tease the political deciders and present the target action plan asking other stakeholders to join</i> Yves Richard
Targeted audience in view of commitments	Search centres, development banks, ministries of Foreign Affairs and of Agriculture, NGOs, farmers' associations
Other Information)	Ppt or pptx presentations