

KEY PRIORITY 2.2. CONTRIBUTE TO FOOD SECURITY BY OPTIMAL USE OF WATER

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| <i>Target I:</i> 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 | <i>ICARDA:</i> Theib Oweis <i>Co-coordinator: AFD:</i> Jean-François Cavana t.oweis@cgiar.org cavanajf@afd.fr | <i>FAO:</i> Domitille Vallée <i>Farm Foundation:</i> Billy Troy <i>CCFD:</i> Yves Richard <i>ICRISAT:</i> Suhas Wani <i>IWMI:</i> Bharat Sharma <i>AFEID:</i> Dominique Rollin <i>North Africa:</i> Netij Ben Mechlia <i>SSA:</i> Fawzi Karajeh <i>SEI:</i> Johan Rockstrom <i>SIC ICWC:</i> Mukhamedjanov Shukhrat <i>Guilford Holding SA:</i> Laurent Selles <i>IFAD:</i> Rudolf Cleveringa | domitille.vallee@fao.org billy.troy@fondation-farm.org ygl.richard@orange.fr S.WANI@CGIAR.ORG B.Sharma@CGIAR.ORG dominique.rollin@cemagref.fr inat@tunesia.eu.net f.karajeh@cgiar.org johan.rockstrom@stockholmresilience.su.se Shukhrat_m@icwc-aral.uz laurent.selles@worldonline.fr r.cleveringa@ifad.org |
| <i>Target II:</i> By 2020, sustainably increase by 15% - as compared to 2005 - 2007 baseline - water productivity per unit land and per year (yield per m ³ , per ha and per year) of irrigated agriculture (for | <i>Water for Food Institute, University of Nebraska:</i> Thomas Farrell <i>Co-coordinator: FAO:</i> Pasquale Steduto | <i>ICID/AFEID:</i> Michel Ducrocq <i>ICARDA:</i> Theib Oweis and Fawzi Karajeh <i>Farm Foundation:</i> Billy Troy | michel.ducrocq@cemagref.fr t.oweis@cgiar.org f.karajeh@cgiar.org billy.troy@fondation-farm.org |

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| <p><i>Target III:</i> Increase sustainable productivity and lower costs of water management (yield per ha, per m³ of water and per unit production cost) in such a way that by year 2025 there is food security at affordable prices for all</p> | <p><i>ICID:</i> Jacques Plantey + Bart Schultz</p> <p>Schultz1@kpnmail.nl Jacques.plantey@canal-de-provence.com</p> | <p><i>FAO:</i> Robina Wahaj <i>ICARDA:</i> Theib Oweis <i>Farm foundation:</i> Billy Troy <i>OECD:</i> Kevin Parris <i>UNESCO-IHE:</i> A. Mehari Haile Macarena Johns <i>AFD:</i> J.F. Cavana <i>AFEID /AIRMF:</i> S. Balsan</p> <p><i>AFEID/ CACG:</i> N. Daurensan <i>fast4meter:</i> Pierre Walther</p> <p><i>CBE:</i> Santosh Ghosh, Kaushik Ghosh</p> <p><i>IFAD:</i> Sara Delaney <i>Farmer:</i> Steve Mills <i>IFPRI:</i> Claudia Ringler <i>ADB:</i> Ian Makin, Lourdes Adriano</p> | <p>robina.wahaj@fao.org t.owais@cgiar.org billy.troy@fondation-farm.org kevin.parris@oecd.org a.meharihaile@unesco-ihe.org madagnino@gmail.com cavanajf@afd.fr stephanie.balsan@languedocroussillon.c hambagri.fr n.daurensan@cacg.fr pw@fast4meter.ch</p> <p>sghoshcbe@rediffmail.com kaushik_gh@yahoo.com s.delaney@ifad.org stmills@bigpond.net.au c.ringler@cgiar.org imakin@adb.org, ladriano@adb.org</p> |

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| <i>Target IV:</i> By year 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 | <i>ICBA:</i> Faisal Taha f.taha@biosaline.org.ae | <i>ICBA:</i> Ian McCann and Carla Mellor <i>University of Western Australia:</i> Edward Barrett-Lennard <i>Hassan II Institute for Agronomy & Veterinary:</i> Choukrallah Redouane <i>IWMI:</i> Pay Drechsel <i>ICARDA:</i> Manzoor Qadir <i>US Salinity Laboratory USDA-ARS:</i> Don Suarez <i>FAO:</i> Javier Mateo Sagasta <i>Centre for built environment, Kolkata:</i> Santosh Ghosh and Sonia Gupta <i>Suez:</i> Rob Kelly <i>Water for Food Institute – University of Nebraska:</i> Dale Jacobson | i.mccann@biosaline.org.ae ; c.mellor@biosaline.org.ae ed.barrett-lennard@agric.wa.gov.au Redouane53@yahoo.fr p.drechsel@cgiar.org m.qadir@cgiar.org dsuarez@ussl.ars.usda.gov MateoSagasta@fao.org sghoshebe@rediffmail.com dcs@gmail@yahoo.co robert.kelly@suez-env.com djacobson@mac.com |
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| <i>Target VI:</i> 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 | <i>Arab Water Council:</i> Safwat Abdel Dayem <i>Co-coordinator:</i> Ahmad Farahat, Institute of National Planning (INP) | <i>Min Agriculture France:</i> Guillaume Benoit <i>Farm foundation:</i> Billy Troy <i>CGAER:</i> Philippe Balny | guillaume.benoit@agriculture.gouv.fr billy.troy@fondation-farm.org philippe.balny@agriculture.gouv.fr |

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| <p><i>Target VII</i>: 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</p> | <p><i>FAO: Groundwater-GEF Project</i>: Jake Burke <i>Co-coordinator: High Council for Food, Agriculture and Rural Space</i>: Patrick Hurand Jacob.Burke@fao.org patrick.hurand@agriculture.gouv.fr</p> | <p><i>AGTER</i>: Clara Jamart <i>CEMAGREF</i>: Dominique Rollin <i>AFEID/DRAF</i>: Denis Baudequin <i>Sciences-Po</i>: Sebastien Treyer <i>IFPRI</i>: Siwa Msangi <i>GWP-SAS</i>: Upali Imbulana</p> | <p>clara.jamart(@)agter.org dominique.rollin@cemagref.fr denis.baudequin@agriculture.gouv.fr. sebastien.treyer@sciences-po.fr s.msangi@cgiar.org upali.imbulana@gmail.com</p> |
| <p><i>Target VIII</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>SIWI</i>: Jan Lundqvist <i>Co-coordinator: FAO</i>: Barbara Burlingame Jan.lundqvist@siwi.org barbara.burlingame@fao.org</p> | <p><i>IFAD</i>: Rudolph Cleveringa <i>CGAAER</i>: Guillaume Benoit, Marie Laurence Madignier <i>Spain</i>: Elena López Gunn <i>ICIMOD</i>: David Molden</p> | <p>r.cleveringa@ifad.org guillaume.benoit@agriculture.gouv.fr marie-laurence.madignier@agriculture.gouv.fr e.lopez_gunn@geo.ucm.es dmolden@icimod.org</p> |

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Abbreviations and Acronyms

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| ADB | Asian Development Bank |
| AFD | Agence Française de Développement |
| AFEID | French National Committee of the International Commission on Irrigation and Drainage (ICID) |
| AGTER | Association to Contribute to Improve the Governance of Land, Water and Natural Resources |
| AIRMF | Association des Irrigants des Régions Méditerranéennes Françaises |
| ARCA | Asociación Regional Centroamericana para el Agua y el Ambiente |
| AVSF | ??? |
| AWC | Arab Water Council |
| CACG | Compagnie d'Aménagement des Côteaux de Gascogne |
| CBE | Centre for built environment |
| CCFD | Catholic Committee against Hunger and for Development |
| CEMAGREF | ??? |
| CGAAER | |
| CGIAR | Consultative Group on International Agricultural Research |
| CSIRO: | |
| DRAF | ??? |
| EDF | ??? |
| FAO | Food and Agriculture Organisation of the United Nations |
| GWP-SAS | Global Water Partnership – South Asia |
| ICARDA | International Centre for Agricultural Research in the Dry Areas |
| ICBA | International Centre for Biosaline Agriculture |
| ICID | International Commission on Irrigation and Drainage |
| ICIMOD | |
| ICOLD | International Commission on Large Dams |
| ICRISAT | International Crops Research Institute for the Semi-arid Tropics |
| IDRC | ??? |
| IFAD | International Fund for Agricultural Development |
| IFPRI | International Food Policy Research Institute |
| INP | Institute of National Planning |
| INWEPF | International Network for Water and Ecosystem in Paddy Fields |
| IWMI | International Water Management Institute |
| NWRC | National Water Research Centre |
| OECD | Organisation for Economic Cooperation and Development |
| SSA | |
| SEI | |