2016 International Workshop on Food Loss and Food Waste


The 3 day workshop will provide an opportunity to identify priorities and actions, take stock on lessons learned, and propose solutions to move the food loss and waste reduction and recovery agenda forward in the Americas and beyond.

Summery Agenda
November 7-9, 2016

Nov 7: The Global Challenges and Dimensions of Food Loss and Waste
Nov 8: Approaches to Address Food Loss and Waste

Did you know?
- One third of the food produced in the world for human consumption every year — approximately 1.3 billion tons — gets lost or wasted. (FAO)
- Over 97% of food waste generated ends up in landfills and final disposal sites. (U.S. EPA)
- Food waste that goes to the landfill breaks down anaerobically and produces methane which is 21 times more potent than CO2 as a greenhouse gas that contributes to climate change. (U.E. EPA)
- Reducing food waste by 20% would provide enough food to feed 25 million people. (NRDC)

Avoiding Food Waste to Feed the World
# Day 1: Agenda

**November 7: The Global Challenges and Dimensions of Food Loss and Waste**

<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
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<tr>
<td>9:00 am</td>
<td>Registration</td>
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<tr>
<td>9:30 am</td>
<td>Workshop Welcome</td>
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<td></td>
<td><strong>Anna Wellenstein</strong> – Director for Strategy, Operations, Partnerships, Land and Geospatial, World Bank</td>
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<td><strong>Jane Nishida</strong> – Acting Assistant Administrator for International and Tribal Affairs, U.S. Environmental Protection Agency (U.S. EPA)</td>
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<td><strong>Alejandra Espinosa</strong> – Coordinator of International Affairs of the Secretary of Environment and Natural Resources of Mexico (SEMARNAT).</td>
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<tr>
<td>10:00 am</td>
<td>Workshop Context</td>
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<td><strong>Cesar Chavez</strong> – Executive Director, Commission for Environmental Cooperation (CEC).</td>
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<tr>
<td>10:30 am</td>
<td>Cafe Break</td>
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<tr>
<td>10:45 am</td>
<td>Food Loss and Food Waste in the World</td>
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<td>Moderated by Patricia J. Beneke, Regional Director and Representative, United Nations Environment Programme (UNEP)</td>
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<td><strong>Craig Hanson</strong> – Global Director of Food, Forests &amp; Water, World Resources Institute (WRI).</td>
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<td><strong>Walter Belik</strong> – Professor of Economics, Universidade Estadual de Campinas (UNICAMP).</td>
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<td><strong>Sarah Vared</strong> – Interim Director and Principal at MissionPoint Partners, Rethink Food Waste through Economics and Data (ReFED).</td>
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<td>Q &amp; A</td>
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<tr>
<td>12:30 pm</td>
<td>Lunch break</td>
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<tr>
<td>2:00 pm</td>
<td>Food Loss and Waste Challenges in Korea and North America.</td>
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<td><strong>KOREA: FOOD WASTE MANAGEMENT</strong></td>
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<td><strong>Mr. Minkuk Kim</strong> – Project Manager, Korea Environment Corporation (KECO).</td>
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<td><strong>NORTH AMERICA: FOOD WASTE CHALLENGES AND DIAGNOSIS</strong></td>
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<td><strong>David Donaldson</strong> – Program Manager, Commission for Environmental Cooperation (CEC).</td>
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<td><strong>FOOD WASTE IN MEXICO: A ZERO SUM GAME?</strong></td>
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<td><strong>Genaro Aguilar</strong> – Consultant, World Bank.</td>
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<td>Q &amp; A</td>
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<td>3:45 am</td>
<td>Coffee break</td>
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<td>4:00 pm</td>
<td>Food Loss and Waste Global Challenges</td>
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<td><strong>Robert VanOtterdijk</strong> – Coordinator of the Global Initiative on Food Loss and Waste Reduction, Food and Agriculture Organization (FAO)</td>
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## Presenters

**Anna Wellenstein**  
Anna is a Director of Strategy and Operations for the Urban, Rural and Social Development Global Practice at the World Bank. With over 20 years of experience in urban development, Anna has led efforts to design and finance investments, facilitate policy reforms and build capacity to help developing countries reduce poverty and boost equity. Anna is responsible for the technical oversight of new operations financed by the World Bank and for setting sector and country strategies. She currently oversees a portfolio of over 200 projects worth US$25bn in lending to developing countries and of 325 studies and technical assistance projects.

**Jane Nishida**  
Jane is the Principal Deputy Assistant Administrator for EPA’s Office of International and Tribal Affairs (OITA) and has thirty years of environmental experience working in federal and state government, and international and nongovernmental organizations. In her current capacity, she leads EPA’s international and tribal portfolios, and is responsible for the full range of EPA’s environmental policy development and program implementation in tribal lands and in sovereign nations outside of the United States.
Alejandra Espinosa
Alejandra is the Representative of the Secretariat of Environment and Natural Resources (SEMARNAT) at the Embassy of Mexico in the United States since 2014. She has participated in events such as the General Assembly of the United Nations in the adoption of Sustainable Development Goals, the signing of the Paris Agreement and the Carbon Pricing Leadership Coalition, the Climate Action Summit, among others.

Renan Poveda
Renan is a Project Manager at the Environment and Natural Resource Management Unit for Latin America and Caribbean Region (LAC) at the World Bank with over 15 years of experience working on environmental management. As a Sr. Environmental Specialist and international expert in solid waste management, Renan has led the preparation, implementation and supervision of multiple operations ranging from policy development and investment loans, to grants, technical assistance and advisory services. In the past 8 years Renan has worked on a broad operational agenda for the environmental, urban and water management sectors and has developed strong partnerships with governments in the Latin American Region.

Cesar Chavez
Cesar is the Executive Director of the Commission for Environmental Cooperation (CEC). He has been General Director of Environmental Policy and Regional and Sectoral Integration at Mexico’s Secretariat of Environment and Natural Resources, in charge of environmental policy, ecological and regional planning and institutional development issues. On the international stage, he has been involved with several agencies, including the EPA, the Canada-Mexico Partnership, Asia-Pacific Economic Cooperation (APEC), UNDP, UNEP, among others. With more than 25 years of experience in the environmental field, he has handled programs and projects on issues such as zoning, environmental policy, climate change, waste, transportation and green building.

Craig Hanson
Craig is the Global Director of Food, Forests & Water at the World Resources Institute. He has co-developed a number of leading initiatives at WRI, including Global Forest Watch, the Global Restoration Initiative, the Forest Legality Alliance, the Food Loss and Waste Protocol, Champions 12.3, and the Better Buying Lab.

Walter Belik
Walter is Full Professor of Economics at UNICAMP - University of Campinas in São Paulo, Brazil and member of High Level Panel of Experts from the Committee on World Food Security since 2013. In the academic field, Prof. Belik has published more than 200 national and international papers. Since 2013 Prof. Belik is member of High Level Panel of Experts from the Committee on World Food Security. Walter is also member of the council of “Prato Cheio” Food Bank in Brazil.

Sarah Vared
Sarah is a Principal at MissionPoint Partners, an impact investment advisor and manager. In her role, Sarah acts as the Interim Director of ReFED, a national non-profit focused on reducing food waste through data and multi-stakeholder collaboration. She has been responsible for designing, fundraising for, and implementing the ReFED Roadmap to Reduce US Food Waste and continues to drive the project in its 2016 - 2017 activities.

Farouk Mollah Banna
Farouk is an international expert in solid waste management who currently works for the Urban Development and Resilience Unit of the World Bank. His focus includes knowledge development, technical assistance, advisory services, result-based financing and private sector participation, preparation, implantation and environmental compliance monitoring of solid waste projects in the US, China, Indonesia, West Bank, Gaza, Kuwait among others. Prior to joining the World Bank, Mr. Banna worked as Solid Waste Engineer for Orange County, North Carolina (USA) and as Environmental Engineer for Camp Dresser & McKee in Raleigh, North Carolina.
Minkuk Kim
Minkuk is the Assistant Manager at the Department of Environment Energy for the Korea Environment Corporation (KECO). He handles environmental-related projects that contribute to eco-friendly development of Korea through the effective operation of environmental pollution programs that contribute to greenhouse gas reductions, improve the environment, facilitate resource recycling and respond to the challenges of climate change.

David Donaldson
David is Program Manager for Green Growth at the Commission for Environmental Cooperation (CEC), responsible for ensuring the successful implementation of CEC efforts on transportation, clean energy, and sustainable production and consumption, including the North American Initiative on Food Waste Reduction and Recovery.

Genaro Aguilar
Genaro is a Professor at the National Polytechnic Institute of Mexico and a World Bank consultant. He is the author of several books and articles on Poverty and Economic Development, and has been the recipient of multiple recognitions for his work, including the prestigious National Institute of Public Administration and Economics award in 2001. Genaro is also representative for the Commission of Experts on Food Loss and Waste for Latin America and the Caribbean.

Robert VanOtterdijk
Robert works at FAO Headquarters in Rome, Italy, as an agro-industry officer in the Food Systems and Nutrition Division. He is the architect, programme leader and driving force of the SAVE FOOD – Global Initiative on Food Loss and Waste Reduction, being responsible for its awareness raising, partnership development, research and project implementation.

November 8: Approaches to Address Food Loss and Waste

9:00 am  Food Waste Prevention
Moderated by Ted MacDonald, Senior Sustainability Officer, U.S. Environmental Protection Agency
Andrew Shakman – Co-Founder and CEO, LeanPath
Elise Golan – Director for Sustainable Development, Office of the Chief Economist, U.S. Department of Agriculture
Preeti S. Ahuja – Practice Manager, Agriculture Global Practice, The World Bank
Q & A

10:30 am  Food Recovery for Donation
Moderated by Renan Poveda, Sr. Environmental Specialist, The World Bank

THE EGYPT FOOD BANK CASE.
Moez El Shohdi – President, Egypt Food Bank
THE MAIN CHALLENGES FOR FOOD BANKS.
Federico Gonzalez Celaya – President, Mexico’s Food Bank Network.
Marzena Gersho – Director, Food Banks Canada.
Karen Hanner – Feeding America, U.S.A.
Gustavo Fernandez Casares – President, Food Banks Argentina.
Q & A

1:00 pm  Lunch break

2:00 pm  The Role Between Feeding People and Food Recovery.
Moderated by Karin Shepardson, Program Manager, The World Bank
Lisa Moon – President and CEO, Global FoodBanking Network (GFN).
Jacques Vandenschrik – President, European Federation of Food Bank (FEBA).
Q & A

3:00 pm  Coffee break
3:15 pm  **Food Recycling - Alternative Uses of Food Waste**  
Moderated by Raul Alfaro, Practice Manager, Environment and Natural Resources, Latin America and the Caribbean, The World Bank.

Jack Macy – Commercial Zero Waste Coordinator, City and County of San Francisco  
Marina Borgatello – Secretary of Environment; Rosario City Government.  
Mr. Mooho Lee–Waste Management Department, Korea Environmental Corporation.  

**Q & A**

**Presenters**

**Ted MacDonald**  
Ted has been working in the EPA’s Office of International and Tribal Affairs since 1990, currently serving as the Senior Sustainability Officer in OITA’s Office of Global Affairs and Policy. His responsibilities include advancing EPA’s cooperation with various multilateral sustainability initiatives, including the 10YFP launched at Rio+20, and other sustainability-related initiatives. Among his duties, Ted leads an international cooperation initiative to reduce food waste through source reduction, recovery and recycling, including under the North American Commission for Environmental Cooperation. He previously worked as a Project Manager and Analyst in the U.S. Congress for the Food and Renewable Resource Program.

**Andrew Shakman**  
Andrew is a food waste prevention advocate member of the National Restaurant Association’s Conserve Sustainability Advisory Council and a strategic advisor to the Food Waste Reduction Alliance. He is the CEO of LeanPath, a foodservice technology company focused on food waste prevention.

**Elise Golan**  
Elise is the Director for Sustainable Development at the U. S. Department of Agriculture. In this role, she provides leadership in planning, coordinating, and analyzing the Department’s policies and programs related to sustainable agricultural development. Elise received her Ph.D. in agricultural economics from the University of California at Berkeley.

**Preeti S. Ahuja**  
Preeti is the Practice Manager for Strategy and Operations (PMSO) of the Global Engagements Unit of the Agriculture and Food Global Practice at the World Bank Group. The unit anchors key global partnerships including the Global Agriculture & Food Security Program (GAFSP), the Global Food Crisis Response Program (GFRP), the Enabling the Business of Agriculture (EBA) Program, with a cadre of staff offering cross-cutting technical expertise.

**Moez El Shohdi**  
Moez is Co –Founder & CEO of the Egyptian Food Bank. By his blend of experience in hotel management and humanitarian professional voluntary work, he successfully found and developed 18 Food Banks in 15 Countries in the Region to serve needy people and insure decent life and better community.

**Federico Gonzalez Celaya**  
Federico is the President of the Mexican Association of Food Banks; Counselor of the National Council for the Crusade Against Hunger; partner and co-founder of Grupo Afal (Real State and Restaurant Industry) and co-founding member of the Foundation Juan Navarrete y Guerrero – association dedicated to serving the population in poverty.

**Marzena Gersho**  
Marzena is the Director, Communications and National Programs at Food Banks Canada. Her role is focused on raising awareness of the issue of hunger across Canada and working to develop and execute programs and initiatives supporting the food bank network. Previously she held marketing and sales positions at Pfizer Consumer Healthcare, Unilever and Campbell Canada.
Karen Hanner
Karen is Director of Manufacturer Partnerships for Feeding America, the nation’s leading hunger-relief organization. She leads the manufacturer product sourcing team and drives cross-functional collaboration to broaden and deepen Feeding America’s partnerships with major food and grocery manufacturers, providing a key solution to waste management in communities across the country as well as a critical partner to corporate sustainability commitments. Prior to Feeding America, Hanner worked for Keebler and Willy Wonka, a division of Nestle. Her experience at these companies provided the background that serves as a foundation for securing food and grocery donations from industry leaders.

Gustavo Fernandez Casares
Gustavo is President of Argentina’s Foodbanking Network since 2015 and member of the Board of Directors of Buenos Aires Food Bank since 2008 until today. He is an Agriculture Engineer dedicated to the agribusiness sector (production, trading and export of different products) with experience in Argentina, Paraguay, Brazil and Uruguay.

Karin Shepardson
Karin is a program manager in the World Bank’s Climate Cross Cutting Solutions Area. She is currently responsible for leading a team coordinating the World Bank Group’s engagement with the Montreal Protocol and the Global Environment Facility. Karin has held various positions in the World Bank since 1994 including operational positions in East Asia, Latin America and the Caribbean, and Europe and Central Asia on a wide range of sustainable development investment programs. She has worked both from Washington DC and from a country offices.

Lisa Moon
Lisa is President and Chief Executive Officer of The Global FoodBanking Network (GFN). She is on the community board of the Chicago High School for Agricultural Sciences, is a member of the Farm Foundation Round Table, is a Term Member of the Council on Foreign Relations, and is currently a David Rockefeller Fellow of the Trilateral Commission.

Jacques Vandenschrik
Jacques assumes the European Federation of Food Bank presidency since 21 October 2016. He dedicates himself to the humble works of a local food bank. In 2012 he becomes its President and in 2014 was elected Vice-President of the Belgian Federation of Food Banks; ‘Manage with brain while help with heart’ is his moto.

Raul Alfaro
Raul is a Practice Manager in the World Bank’s Environment & Natural Resources Global Practice in Latin America & Caribbean. He is a passionate advocate of the efficient and cost-effective management of energy, the environment and natural resources for sustainable development and inclusive green growth in developing countries. Raul’s professional background, includes over 15 years of experience in the energy, the environment and sustainable development as a manager, advisor and researcher in several international organizations with operations in Latin America, the Caribbean and Africa, including teaching exposure in natural resource economics.

Jack Macy
Jack is the Commercial Zero Waste Senior Coordinator for the City and County of San Francisco, Department of the Environment. He is an internationally recognized zero waste leader and speaker with 30 years of experience in developing and managing innovative composting, recycling and other zero waste programs and policies at the local and state level in California and Massachusetts.

Marina Borgatello
Marina is Secretary of the Environment and Public Space in the Municipality of Rosario. With more than 13 years working for the public sector, her management’s goals are aimed at environmental sustainability and maintenance of the public space, key points in order to achieve a cleaner and innovative city in terms of waste management and quality of life for all inhabitants.
Mooho Lee
Mooho is leading the Radio Frequency Identification (RFID) based Food Wastes Management System for the Korean Environment Corporation (KECO), which aims to contribute to eco-friendly and sustainable development of Korea. Mooho is responsible for supervising the implementation of the ‘food waste volume rate system’, through the RFID base control system which enables collection and management of food waste discharge information.


9:00 am Environmental Policies to Address Food Loss and Waste
   Moderated by Cesar Chavez, Executive Director, Commission for Environmental Cooperation.
   Cheryl Coleman – Director, Resource Conservation and Sustainability Division, U.S. EPA.
   Edda Fernandez – General Director of Primary Sector and Renewable Natural Resources, SEMARNAT
   Omar Garfias – Technical Secretary, Secretary of Social Development of Mexico (SEDESOL).
   Q & A

10:30 am How the World Bank is Contributing to prevent Food Waste.
   Stephen Paul D’Alessandro – Senior Agriculture Economist, World Bank
   Q & A

11:00 am Coffee break

11:15 am Corporate Social Responsibility & Sustainable initiatives in Food Management.
   Moderated by Preeti S. Ahuja, Practice Manager, Agriculture Global Practice, The World Bank
   Juan Carlos Camargo – Sustainability Deputy Director, Walmart Mexico and Central America.
   Matthew D. Meredith – Managing Principle, LixCap
   Rodrigo Gouveia – Director of Policy, International Cooperative Alliance.
   Cher Mereweather – Executive Director, Provision Coalition
   Q & A

1:00 pm Lunch break

2:00 pm International Agenda - What’s Next?
   Moderated by Anna Wellenstein – Director for Strategy, Operations, Partnerships, Land and Geospatial, World Bank
   Patricia J. Beneke – Regional Director and Representative, United Nations Environment Programme (UNEP)
   Robert VanOtterdijk – Coordinator of the Global Initiative on Food Loss and Waste Reduction, Food and Agriculture Organization (FAO)
   Debate & Closing Remarks

Presenters

Cheryl Coleman
Cheryl is Director of the Resource Conservation and Sustainability Division (RCSD) of US EPA’s Office of Resource Conservation and Recovery. RCSD implements EPA’s Sustainable Materials Management (SMM) program, which promotes long-term sustainable management of materials. With twenty-eight years of experience with materials management, she is responsible for collaborative partnerships with stakeholders across the lifecycle of materials and for developing policy, guidance, and outreach materials on SMM.

Michael VanderPol
Michael is a Senior Program Coordinator for the Waste Reduction and Management Division of Environment and Climate Change Canada. In this role, he provides guidance and subject matter expertise on a variety of waste-related issues, including food waste, and represents Canada on steering committees for food waste and organic waste under the work of NAFTA’s Commission for Environmental Cooperation.
Edda Fernandez
Edda is the General Director of the Primary and Renewable Natural Resources in Mexico’s Secretariat of Environment and Natural Resources (SEMARNAT). Since 2001 Edda has been the coordinator of advisors for 4 ministers and SEMARNAT’s chief of staff from 2011-12. She is responsible for SEMARNAT’s international agenda including the articulation with the CEC. Edda also co-chairs the UN’s 10 Year Framework Programs for Sustainable Production and Consumption, an initiative to promote the change towards the sustainable patterns of production and consumption.

Omar Garfias
Omar is Technical Secretary of the Crusade Against Hunger National Policy, the Mexican government’s strategy to combat extreme poverty and food insecurity. With more than 27 years of experience as a public servant in the social development sector, he has published a book about the popular urban movement in Guanajuato, Mexico and has been an active collaborator in magazines and newspapers in his country.

Stephen Paul D’Alessandro
Stephen is currently a Senior Agriculture Economist within the Global Engagement Unit of the World Bank’s Global Practice for Food and Agriculture. His primary focus is promoting a better understanding of agricultural risks, vulnerability, and growth pathways to stronger resilience.

Juan Carlos Camargo
Juan Carlos graduated from Universidad Iberoamericana with a Degree in Chemical Engineering. He has a Master of Science degree in Environmental Management and Policy from Lund University, and 20 years of experience in sustainability and environmental issues. He has worked with Walmart Mexico and Central America for over 10 Years.

Matthew D. Meredith
Matthew a co-founder of LixCap, an economic growth and impact investing advisory firm focused on using private sector capital and discipline to achieve development outcomes. His nuanced expertise in assessing the demand and supply of the agribusiness cold chain in emerging markets, from harvesting to final delivery, is focused on developing commercial infrastructure catalyzed via private sector capital.

Rodrigo Gouveia,
Rodrigo is the Director of Policy for the International Co-operative Alliance since January 2014. He is responsible for the advocacy and representation of the co-operative movement towards global institutions such as the G20, the UN and its agencies. Previously he was Secretary-General of Euro Coop, the European Community of Consumer Co-operatives (2006-2013) and has been working for the co-operative movement since 1997.

Cher Mereweather
Cher is one of Canada’s leaders in food manufacturing sustainability. As Executive Director of Provision Coalition, an organization she founded with the country’s top food and beverage professional associations, Cher works directly with manufacturers to transform their business culture and operations. An advocate for change and a passionate spokesperson, Cher has dedicated her career to advancing sustainability concepts within the Canadian food industry and sustainability solutions at the firm level.

Patricia J. Beneke
Patricia has been the Regional Director at UN Environment’s North America office since May 2014. She served as Senior Counsel to the U.S. Senate Committee on Energy and Natural Resources for nearly 20 years, specializing in legislation and oversight matters relating to energy policy, water resources, and environmental matters. She has taught natural resources law and policy on an adjunct basis at several universities such as Harvard, Columbia, Virginia, others.