SDG TARGET ON FOOD LOSS AND WASTE

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10th November 2016
If Food Loss and Waste Were its own Country, it Would Be the Third-Largest Greenhouse Gas Emitter

China: 10.7
United States: 5.8
Food loss and waste: 4.4
India: 2.9
Russia: 2.3

GT CO₂E (2011/12)*

* Figures reflect all six anthropogenic greenhouse gas emissions, including those from land use, land-use change, and forestry (LULUCF). Country data is for 2012 while the food loss and waste data is for 2011 (the most recent data available). To avoid double counting, the food loss and waste emissions figure should not be added to the country figures.

Food is lost or wasted along the entire value chain

During or immediately after harvesting on the farm
After leaving the farm for handling, storage, and transport
During industrial or domestic processing and/or packaging
During distribution to markets, including at wholesale and retail markets
In the home or business of the consumer, including restaurants and caterers

By 2030, halve per capita global food waste at the retail and consumer levels and reduce food losses along production and supply chains, including post-harvest losses
STRATEGY FOR ACHIEVING THE GOAL

• Measure
• Target
• Action

• Key players
  – Governments
  – Companies and businesses
  – Influencers and supporters
THE ROLE OF GOVERNMENTS

• Understanding amounts in country
• Understanding main sources
• Developing country specific targets
• Supporting plans and actions
• Providing funding where appropriate
• Monitoring progress and sharing best practice
THE ROLE OF BUSINESSES

• Understanding amounts in their operations and their supply chains
• Focusing on key priorities
• Setting targets and taking action
• Monitoring progress
• Sharing best practice
ROLE OF SUPPORTERS AND INFLUENCERS

• Facilitating, supporting and catalysing measurement, target setting and action
• Some may provide funding
• Raising and maintaining awareness
• Monitoring progress and sharing best practice
CASE STUDY: THE UK

• Started work in 2007
• 2012, reported 21% reduction avoidable household food waste
• 2012 figures
  – 7.2mtes food and drink waste
  – 1.4 million bananas every day
  – 24 million slices bread every day
  – 86 million chickens each year
How did we do it?

- Evidence – measurement
- Setting targets
- Engagement and action
- Voluntary agreement
- Consumer facing campaign (LFHW)
- Government engagement and support
- Other important players
THE REASONS FOR UK HOUSEHOLD FOOD WASTE

• Not used in time
• Cooked too much
EXAMPLES of Retailer initiatives

Advice

Storage - Keep in fridge and consume within 24 hours of opening. Do not exceed the Use By date.

Home Freezing - For best quality, freeze as soon as possible and always within the Use By date. Use within 1 month. Defrost overnight in a refrigerator. Defrost thoroughly before cooking and use within 24 hours.

Nutrition

Typical Values per 100g
Energy value 190 kJ
(kcal) 45 kcal
Fat 0.1 g
(of which Saturates Trace g)
Carbohydrate 8.5 g
(of which Sugars 8.5 g)
Fibre 2.4 g
Protein 1.1 g
Salt Trace g
Vitamin C (mg) 54
Vitamin C (% NRV) 67.5

At home Keep in the fridge

All Co-op meat and poultry is produced from livestock reared to our
STRATEGY FOR ACHIEVING SDG 12.3

• Country focus
• Company focus
• Champions
• Tools e.g. FLW protocol
Champions 12.3 is a unique coalition of leaders dedicated to inspiring ambition, mobilising action, and accelerating progress toward achieving SDG Target 12.3
Champions 12.3

Dave Lewis
CEO
Tesco
Chair of Champions 12.3

Achim Steiner
Executive Director
UNEP
Co-Chair of Champions 12.3

Vytenis Andriukaitis
Commissioner for Health and Food Safety
European Commission

Peter Bakker
President
World Business Council for Sustainable Development

John Bryant
Chairman of the Board
Kellogg Company

Paul Bulcke
CEO
Nestlé S.A.

Wiebe Dreijer
Director General
International Food and Policy Research Institute

Louise Fresco
President
Wageningen University & Research

Liz Goodwin
CEO
Waste and Resources Action Programme

Hans Hoogeveen
Vice-Minister for Agriculture
Netherlands Ministry of Economic Affairs

Yolanda Kakabadse
President
WWF International

Sam Kass
Senior Food Analyst
NBC News
(former White House chef)

Michel Landel
CEO
Sodexo Group

Esben Lunde Larsen
Minister
Ministry of Environment and Food, Denmark

Gina McCarthy
Administrator
U.S. Environmental Protection Agency

José Antonio Meade
Secretary
Department of Social Development, Mexico

Evelyn Nguleka
President
World Farmers’ Organisation

Kanayo F. Nwanze
President
International Fund for Agricultural Development

Raymond Offenheiser
President
Oxfam America

Rafael Paachiano
Secretary
Department of Environment and Natural Resources, Mexico

Cao Duc Phat
Minister
Ministry of Agriculture and Rural Development, Vietnam

Paul Polman
CEO
Unilever

Juan Lucas Restrepo Ibiza
Chairman
Global Forum on Agricultural Research

Judith Rodin
President
Rockefeller Foundation

Tristram Stuart
Founder
Feedback

Rhea Suh
President
Natural Resources Defense Council

Rhoda Peace Tumusiime
Commissioner for Rural Economy and Agriculture
African Union

Oyun Sanjaasuren
President
United Nations Environment Assembly

Lindiwe Majele Sibanda
CEO and Head of Mission
Food, Agriculture and Natural Resource Policy Network

Feike Sijbesma
CEO
Royal DSM

Andrew Steer
President and CEO
World Resources Institute

Sunny Verghese
CEO and Co-Founder
Olam International

Tom Viljoen
Secretary
U.S. Department of Agriculture

Senzeni Zokwana
Minister
Ministry of Agriculture, Forestry and Fisheries, South Africa

Sunny Verghese
CEO and Co-Founder
Olam International
What Champions do

- *Dedicate* to SDG Target 12.3
- *Lead* by example
- *Showcase* successes
- *Advocate* for enabling conditions
- *Achieve* concrete results
PROGRESS SINCE DAVOS 2016: LEAD BY EXAMPLE

NOT EXHAUSTIVE

TESCO

EU Platform on Food Losses and Food Waste

YieldWise

Reducing post-harvest food loss for African farmers.

The Rockefeller Foundation

NRDC

Food Loss + Waste

Ministry of Environment and Food of Denmark

Ad Council
PROGRESS SINCE DAVOS: COMMUNICATE & ADVOCATE

NOT EXHAUSTIVE

Paul Polman
(Climate Action Summit 2016)

Kanayo Nwanze, Rhoda Peace Tumusiime,
Dutch Agriculture Minister
(AU-EU Food Security Summit)

Oyun Sanjaasuren
(2\textsuperscript{nd} UNEA)

Andrew Steer, Tristram Stuart, Tom Vilsack
(Feeding the 5000)

Esben Lunde Larsen
(Better Food for More People summit)
PROGRESS SINCE DAVOS: ACT TOGETHER

NOT EXHAUSTIVE

• United Nations Environment Assembly “Food Waste Resolution”

• African Union – European Union Cooperation on FLW

• U.S. National Virtual Resource Centre on Food Loss and Waste

• CGF “Food Waste Resolution”: Ensuring success

• Global Agri-business Alliance: Creating a “Food Loss Resolution”

• SDG Target 12.3 Progress Report (2016)
PRIORITIES FOR NEXT YEAR

• Gaps in Champion coverage
• Build overall strategy and plans
• Business case for change
• Work to encourage take up of the protocol
• Share best practice, monitor and report progress