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SDG TARGET ON FOOD LOSS AND WASTE

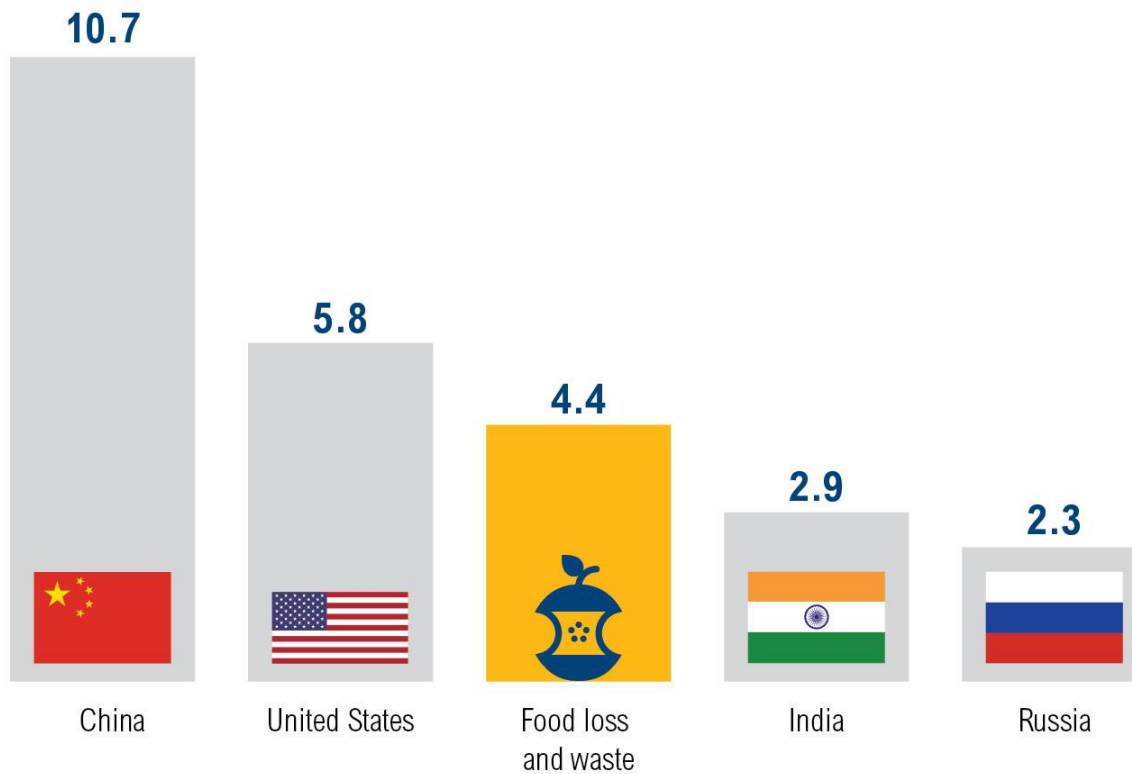
Dr Liz Goodwin OBE

Senior Fellow and Director Food Loss and Waste,

10th November 2016

Photo Source: Justin Sewell

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



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.

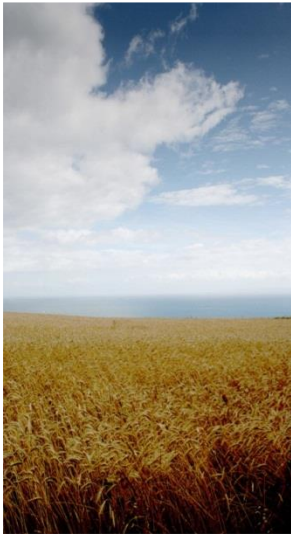
Source: CAIT. 2015; FAO. 2015. *Food wastage footprint & climate change*. Rome: FAO.



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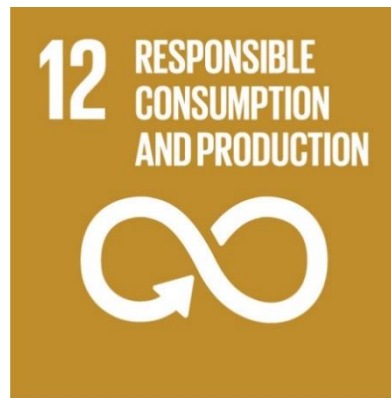
Food is lost or wasted along the entire value chain



Source: WRI analysis based on FAO. 2011. *Global food losses and food waste – extent, causes and prevention*. Rome: UN FAO.



SUSTAINABLE DEVELOPMENT GOALS



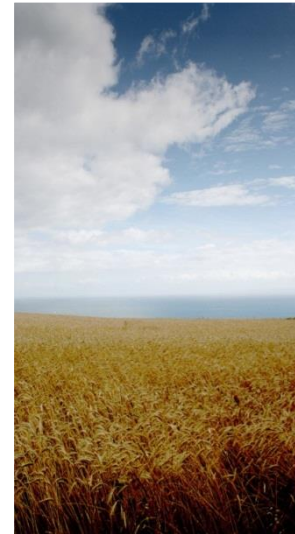
TARGET 12.3

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.

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

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 **Co-Chair of Champions 12.3**



Achim Steiner
Executive Director
UNEP



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
Chairman of the
Executive Board
Rabobank



Shenggen Fan
Director General
International Food and Policy
Research Institute



Louise Fresco
President
Wageningen University
& Research



Liz Goodwin
CEO
Waste and Resources
Action Programme



Hans Hoogveen
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



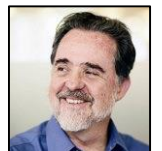
José Antonio Meade
Secretary
Department of Social
Development, Mexico



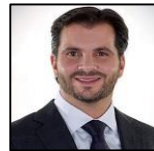
Evelyn Nguleka
President
World Farmers'
Organisation



Kanayo F. Nwanze
President
International Fund for
Agricultural Development



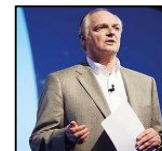
Raymond Offenheiser
President
Oxfam America



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 Vilsack
Secretary
U.S. Department
of Agriculture



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

What Champions do

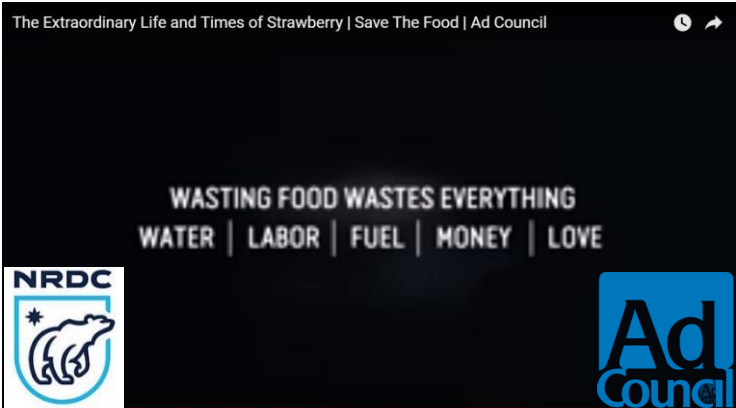
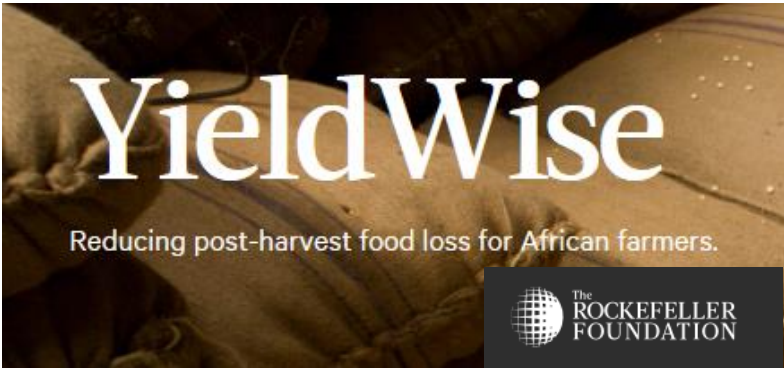
- *Dedicate* to SDG Target 12.3
- *Lead* by example
- *Showcase* successes
- *Advocate* for enabling conditions
- *Achieve* concrete results

PROGRESS SINCE DAVOS 2016: LEAD BY EXAMPLE

NOT EXHAUSTIVE



EU Platform on Food Losses and Food Waste



Food Loss + Waste
PROTOCOL

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
(2nd UNEA)



Esben Lunde Larsen
(Better Food for More People summit)



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

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 Resultion”



- 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