Building a Zero Hunger World: A Community in Action

COMMUNITY FOR ZERO HUNGER
Africa, Asia and Latin America/Caribbean Kick-Off Calls
Nabeeha M. Kazi
Chair, Community for Zero Hunger
We Are a Community
Some of our Advisors

- Tom Arnold – Convention of the Irish Constitution
- Robert Black – John Hopkins University
- Martin Bloem – World Food Programme
- Julie Borlaug – Norman E. Borlaug Institute for International Agriculture
- Howarth Bouis – HarvestPlus
- Namukolo Covic – North-West University
- Jessica Fanzo – Columbia University
- Pierre Ferrari – Heifer International
- Vera González – FleishmanHillard Mexico
- Lawrence Haddad – International Food Policy Research Institute
- Diane Hirakawa – The Mathile Institute for the Advancement of Human Nutrition
- Gurdev Khush – World Food Prize Laureate
- Klaus Kraemer – Sight & Life
- Raj Kumar – Devex
- Richard Leach – World Food Program USA
- Lina Mahy – United Nations System Standing Committee on Nutrition
- Venkatesh Mannar – Micronutrient Initiative
- Karim Maredia – Michigan State University
- Rebecca Middleton – Alliance to End Hunger
- Jacqueline Mkindi – Tanzania Horticultural Association
- Luis Enrique Monterroso – Republic of Guatemala
- Danielle Nierenberg – Food Tank
- Ruth Khasaya Oniang’o – African Journal of Food, Agriculture, Nutrition & Development
- Shivaji Pandey – Food & Agriculture Organization
- Lucy Martinez Sullivan – 1,000 Days
- M.S. Swaminathan – Republic of India, World Food Prize Laureate
- Roger Thurow – Chicago Council on Global Affairs
- Surinder Vasal – World Food Prize Laureate
- Marcela Villarreal – Food & Agriculture Organization
- Ashish Wele – Nirmal Seeds Pvt. Ltd.
- Sam Worthington – InterAction
Today, more than 842 million people suffer from chronic hunger.

And more than 2 billion suffer from hidden hunger.
Global Chronic Hunger

Asia
552 million

Africa
226.4 million

Latin America & Caribbean
47 million

Source: FAO
## Growing Middle Class

<table>
<thead>
<tr>
<th>Region</th>
<th>2009</th>
<th>2020</th>
<th>2030</th>
</tr>
</thead>
<tbody>
<tr>
<td>Africa (Sub-Saharan)</td>
<td>32 million</td>
<td>57 million</td>
<td>107 million</td>
</tr>
<tr>
<td>Asia</td>
<td>525 million</td>
<td>1.7 billion</td>
<td>3.2 billion</td>
</tr>
<tr>
<td>LAC</td>
<td>181 million</td>
<td>251 million</td>
<td>313 million</td>
</tr>
<tr>
<td>MENA</td>
<td>105 million</td>
<td>165 million</td>
<td>234 million</td>
</tr>
<tr>
<td>World</td>
<td>1.8 billion</td>
<td>3.2 billion</td>
<td>4.9 billion</td>
</tr>
</tbody>
</table>

Source: OECD
Food Security Exists…

“…when all people, at all times, have physical and economic access to sufficient, safe and nutritious food to meet their dietary needs and food preferences for an active and healthy life.”

- Food and Agriculture Organization
A Food Secure Future for All…

Safe and proven efforts across sectors from science and technology to delivery innovations to monitoring and evaluation efficiencies exist that can help lower the overwhelming number of hungry and malnourished and also meet growing global food demands.

The experiences and effective approaches that exist must be utilized and scaled; however, they are not.
We Ask Ourselves Why?

- Benefits of fortification and supplementation out of reach for many
- 1/3 of all the food produced goes to waste
- Haven’t scaled up production approaches to increase livestock, aquaculture and agriculture outputs and quality to meet growing food demands
- Millions of mothers fill their young children’s bellies with nutrient inefficient foods when nutrient-dense foods are locally available
We Have Been “Siloed”
Translate Knowledge to Improve Lives
All Sectors to Step Up the Fight
The UN Zero Hunger Challenge

**ZERO**
- stunted children less than 2 years

**100%**
- access to adequate food all year round

**ALL**
- food systems are sustainable

**100%**
- increase in smallholder productivity and income

**ZERO**
- loss or waste of food

**HUNGER CAN BE ELIMINATED IN OUR LIFETIMES**
The Community for Zero Hunger

The Community for Zero Hunger is an independent initiative to deliver a multi-sectoral response to support the UN Zero Hunger Challenge.
Use our Knowledge and Evidence for the Greater Good

- Specific pathways toward scale and sustainability
- Evidence-based advocacy platform for effective policies, better programs; excellent infrastructure and capacity
- Enabling environments to empower beneficiaries
- Don’t assume because we “build it” people will come – they won’t
About the Community for Zero Hunger

- Identify Challenges & Gaps
- Map & Curate Experiences & Solutions
- Develop Open-Access Resource
- Foster Multi-Sectoral Actions
Identifying Gaps and Challenges

- **Who:** Those involved in shaping domestic policy, designing programs, and/or implementing food, nutrition, or agriculture interventions at country or community levels.

- **What:** To identify context-specific gaps and challenges in broad areas that affects progress in tackling hunger and malnutrition.

- **How:** Respond to one of our five surveys on:
  - Nutrition (maternal and child)
  - Food access
  - Food system sustainability
  - Smallholder farmers
  - Loss and waste of food
Maternal and Child Malnutrition

- **180 million** – The number of children that are stunted (UNICEF).
- **3 million** – The number of children that die due to malnutrition every year (WFP).
- **8%** – The percent of a nation’s GDP that is reduced due to effects of malnutrition (Lancet).
Survey: Malnutrition (maternal and child)

What are the risk factors in your communities for stunting and how can they be addressed within the 1,000 day window – or before a mother is even pregnant?

- Maternal health and nutrition
- Infant and child nutrition
  - Breastfeeding
  - Complementary feeding
- Education
- Environmental factors
- Water, sanitation and hygiene

stunted children younger than 2 years
Access to Food All Year Round

Economic access
- Food prices
- Disposable income
- Social support

Physical access
- Markets
- Railways
-Ports
- Roads
- Infrastructure
- Food storage facilities
Survey: Access to Food All Year Round

What is needed to ensure that those in your communities have access to affordable, safe, diverse and nutritious foods all year round?

- Food availability
- Food affordability
- Market access
- Coping mechanisms
- Social safety nets/food assistance
“Creating strong and resilient food systems, that take into account the special needs of women, is the most practical, cost-efficient and sustainable way to address and prevent all forms of malnutrition.”

- Helena Semedo, FAO Deputy Director-General
Survey: Food System Sustainability

How can we ensure that we can feed our growing population and future generations while also protecting our natural resources?

- Environmental challenges and threats
- Water and irrigation systems
- Climate-smart agriculture
- Sustainable agriculture practices

food systems are sustainable
Increasing Income and Productivity of Smallholders

2.5 billion smallholders earn their living from agricultural production systems and provide more than 80% of food consumed in developing countries (UNEP).
Survey: Smallholder Productivity and Income

What is needed to ensure that smallholders can be productive, increase their income and feed the world?

- Training
- Markets
- Education
- Assets and inputs
- Land
- Agricultural research

increase in smallholder productivity and income
Reducing Food Loss and Waste

Approximately 1/3 of the food produced in the world for human consumption every year — approximately 1.3 billion tons — gets lost or wasted along the food chain.

How can we ensure that the food that we already produce feeds and nourishes the world instead of being wasted?

Source: FAO
Survey: Loss or Waste of Food

We need to identify where the problem starts and share learnings and knowledge on how to fix it.

- Postharvest losses
- Cooling systems
- Waste by markets and retailers
- Waste by consumers
Experiences and Solutions

As we move forward with identifying context-specific gaps and challenges, we also want to be looking ahead to the next phase of our work: identifying and curating the most relevant and impactful experiences and solutions.

- **Target:** Companies, civil society groups, universities/research institutions and public sector organizations

- **Case studies:** Experiences, technologies, research, services and other knowledge that are most relevant and impactful applied to filling context-specific gaps that affect our collective ability to deliver a hunger-free world.
How to get Involved

- Complete one (or more) of the surveys to lend your voice in identifying gaps and challenges in fighting hunger.
- Have solutions or relevant experience on a topic? Email erica@zerohungercommunity.org to find out how you can share what it is working in your country.
- Spread the word! Share our work with your colleagues.
- Follow us on Twitter! @ZHCommunity
- Stay informed! Sign up for newsletters via our homepage www.zerohungercommunity.org.
Together we can make a greater impact
"In a world of plenty, no one - not a single person - should go hungry,"

-UN Secretary-General Ban Ki-moon
Building a Zero Hunger World: A Community in Action

www.zerohungercommunity.org
@ZHCommunity