

SUNHAK
PEACE
PRIZE



Zero Hunger

-Strengthening Food Security-

LEARN & ACT

Global Food Crisis



- 2008 Global Food Crisis
- Increase of grain prices by 2~3 times
- Food riots in more than 40 countries

Different situations around the globe



Starvation

VS



Food waste

- Why are there still people suffering from food shortages in the world?
 - Have you ever heard of the term “food security”?

1. What is food security?



- **Food security:** Food security exists when all people, at all times, have physical, social and economic access to sufficient, safe and nutritious food that meets their dietary needs and food preferences for an active and healthy life.
- The most important human right

2. Why is food security an important issue?

- Stable supply of food is a long-standing task for humankind
- A drop in food self-sufficiency rates across the globe
- Damage caused by agflation



3. What is the current food security situation of the global community?

- 800 million people go to bed hungry
- Increase in number of starving people since 2015
- Africa and Asia are more vulnerable
- Primary victims of food crisis are children



Many people are starving



- Food security and inequality
- Global issue that calls for everyone's attention

4. What causes food crisis? (Demand)

- World population growth
- Increase in meat consumption
- Increase in biofuel usage
- Food waste



5. What causes food crisis? (Supply)

- Climate change and water shortage
- Reduction in arable land
- Monopoly by the world's largest grain companies



6. Food crises around the globe



Food crisis in East Africa
(2006)



Rice crisis in the Philippines
(2008)



Lovechild

Food crisis in Haiti
(2010)

7. Efforts to fight food crisis (International community goals)



- **Reduce world hunger by 50%!**
(Rome Declaration on World Food Security, 1996)
- **No poverty by 2030!**
(UN SDGs, 2015)

7. Efforts to fight food crisis (International organizations)

- United Nations Food and Agriculture Organization (FAO) that promotes the production and distribution of food
- United Nations World Food Programme (WFP), the world's largest food-assistance organization
- Global Agriculture and Food Security Program (GAFSP) for increasing agricultural productivity



7. Efforts to fight food crisis (Nations)

- Increasing food self-sufficiency
- Urgent support for the most vulnerable
- Direct farm-to-market transactions



8. What are some ways to solve the food crisis? (Future food)



- Lab grown meat
- Plant-based meat (e.g. meat analogue)
- Edible insects

8. What are some ways to solve the food crisis? (New agricultural technology)



- Vertical farm
- Urban agriculture
- Digital agriculture

9. People working to improve food security



- **Modadugu Vijay Gupta** (b. 1939)
Indian biologist who greatly contributed to solving hunger by spreading fish farming technologies to developing countries
- **Akinwumi Adesina** (b. 1960)
Nigerian agricultural economist who revolutionized Africa's agriculture to improve food security for hundreds of millions of people

Let's think together

- What can we do to solve the food crisis?

