The Planet’s Capacity Has Overshot

- OVER 820 MILLION people suffer from hunger
- OVER 2 BILLION people worldwide suffer from a deficiency of micronutrients, a condition known as hidden hunger
- OVER 2 BILLION adults are overweight or obese
- OVER 422 MILLION adults have diabetes
- 80% OF FOOD PRODUCED will be consumed by people in cities by 2050
- ON AVERAGE 70% of freshwater withdrawal is used for agriculture
- UP TO 37% GLOBAL greenhouse gas emissions are emitted from farm to fork
- 1/3 GLOBAL FOOD production is lost or wasted

71% OF ALL DEATHS are caused by noncommunicable diseases including cardiovascular diseases, cancers, respiratory diseases and diabetes

Barilla Center FOR FOOD & NUTRITION
### SUPPLY

**Food Supply Chain Disruptions**
- due to lack of seasonal labor

- Reduced capital for smallholder farmers

- Higher price volatility impacting low-income countries and those depending on food imports

- Lockdowns and trade/transportation disputes and disruptions leading to higher food loss

**Risks to Livelihoods**
- of all workers in food supply chain

### DEMAND

**Higher Food Prices**
- especially for nutritious foods

- Reduced access to high-value foods, including fruits and vegetables

**Higher Consumption of Ultra-Processed Foods**
- with adverse impacts on low-income households

- Increased household food waste due to food hoarding during lockdown
10 ACTIONS TO FIX THE FOOD SYSTEM
FROM FARM TO FORK:

1. Create better standards and terminology
2. Improve measurement
3. Encourage businesses to focus on health and sustainability
4. Digitize food and agriculture information
5. Identify the true cost of food
6. Improve seed security, diversity, and soil regeneration
7. Mobilize all actors
8. Increase awareness and education
9. Enable healthy and sustainable diets and empower eaters
10. Build global resiliency