

What are the options  
if business as usual is not an option any more  
and  
if governance as usual is not an option any  
more



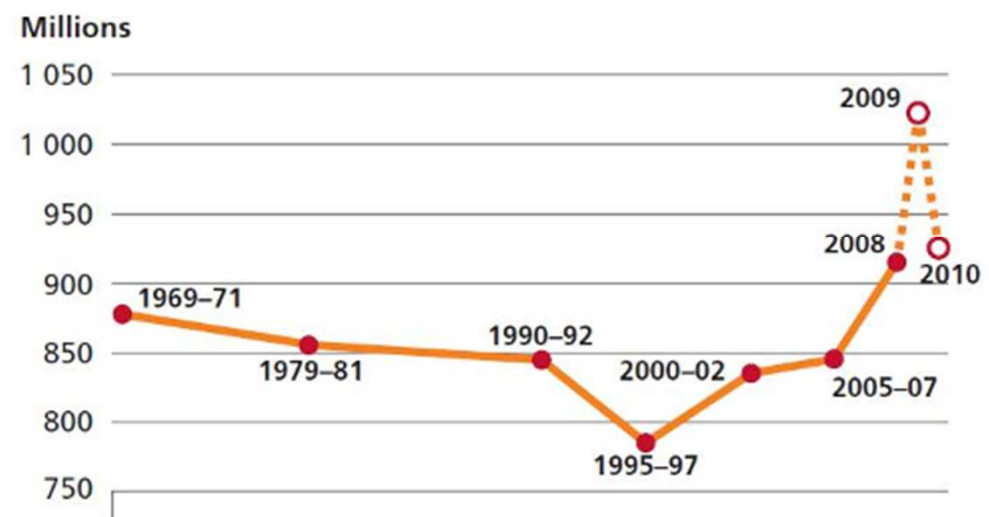
Time to act, not  
time for another  
report!

Markus Arbenz, Executive Director of IFoAM

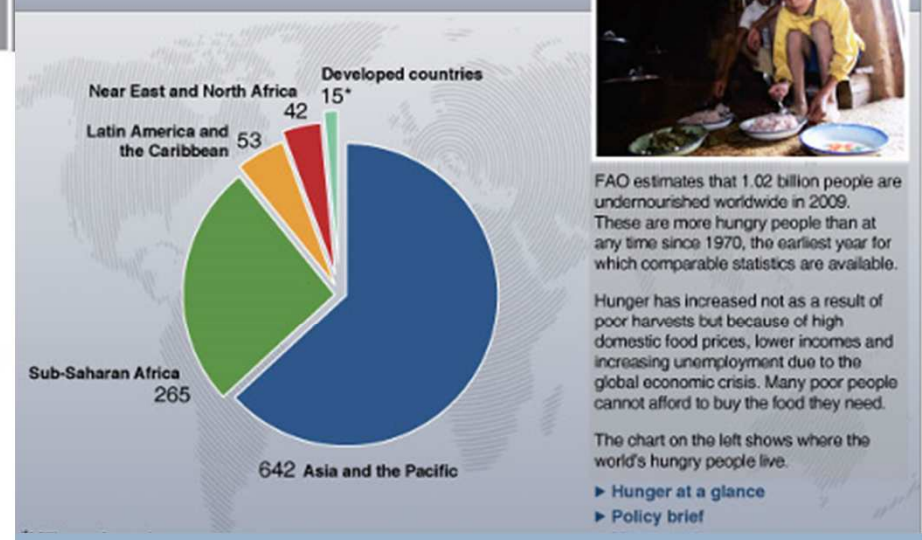
# The present food system fails! An ecological, poverty and nutrition crisis



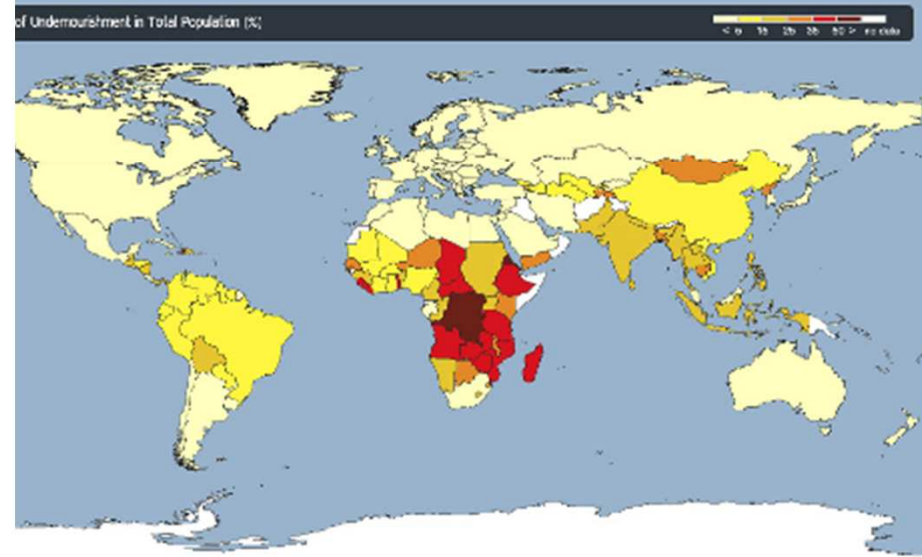
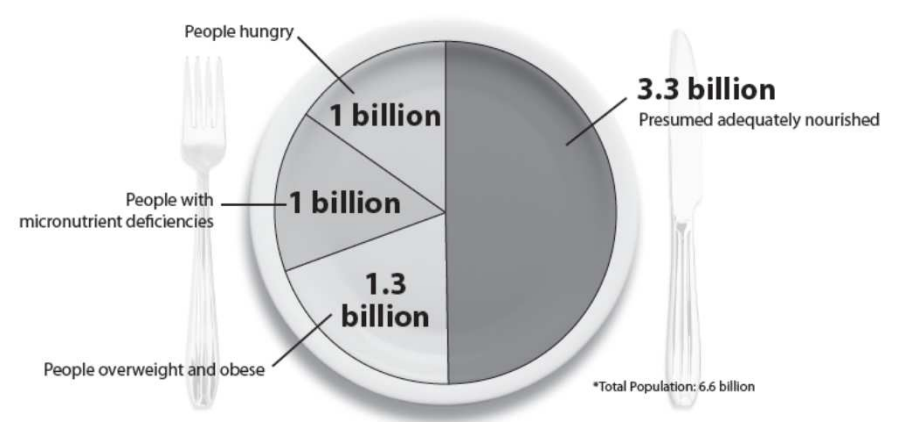
Number of undernourished people in the world, 1969-71 to 2010



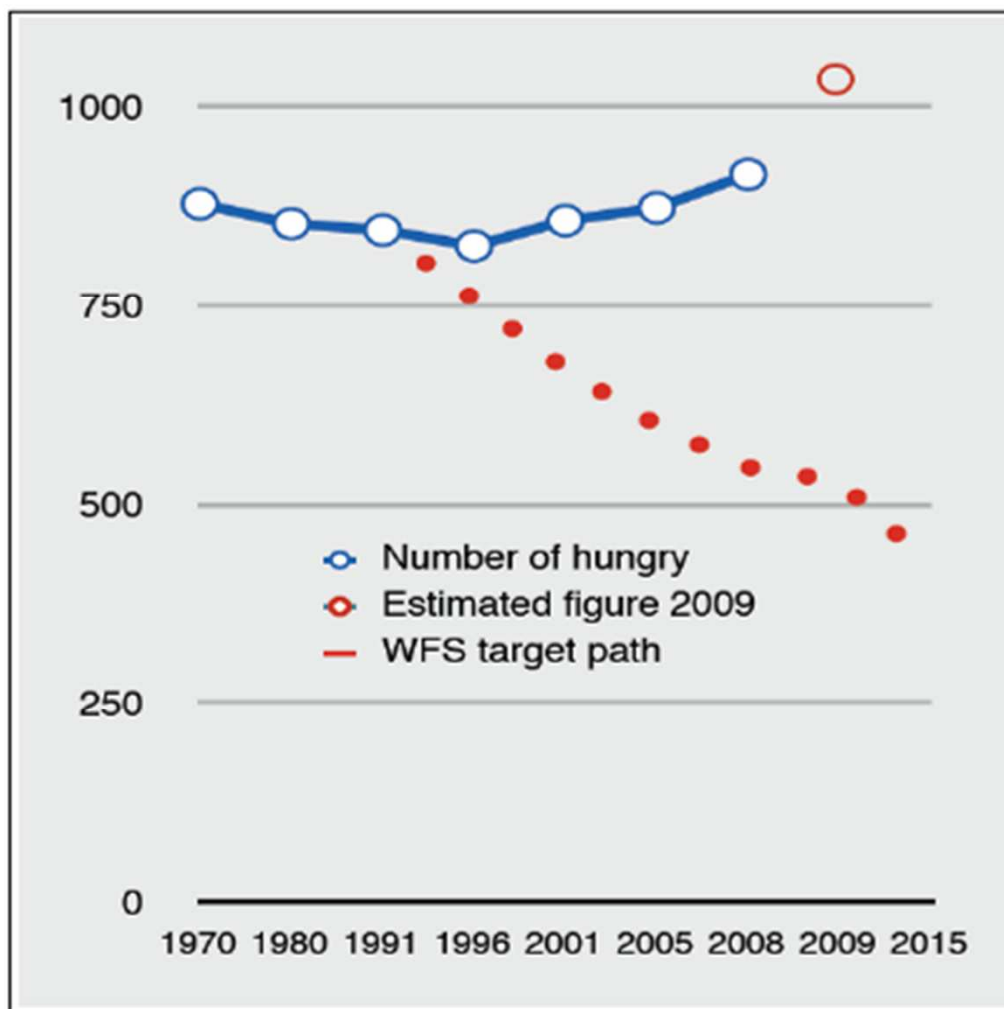
More than 1.02 billion hungry people



At Least Half of the World's Population is Badly Served by Today's Food Production Systems\*



The world is not on track towards the global goal of hunger reduction - number of hungry in millions



Source: FAO (2009)

# Third Green Revolution or Ecointensification?



# Eco-intensification the new paradigm!



Ecointensification optimizes system performance through the intensification of biological processes rather than through intensification of inputs. (e.g. finance, chemicals and energy)

It builds the resilience of the farm itself rather than outsourcing resilience to companies.

Business as usual is not an option any more! (IAASTD-Report)

- Worsening ToT for farmers and the global south and volatile prices
- Agrofuels
- Land grabbing
- Losses, waste and inefficient livestock production
- Oil and P-peak
- R & D and Extension in Agriculture decreasing and shifted from Governments<sup>1</sup> to private investments
- Concentration of companies controlling seed, fertilizers and pesticides
- Multi-functionality of agriculture and ecosystem services neglected. Lack of internalization of costs and perverse

Rio plus 20 is the next opportunity!

- Statement signed by more than 100 CIVIL SOCIETY ORGANISATIONS. A full list of supporting organizations is available online at: <http://www.timetoactrio20.org/en/list-of-signatories>

- ---

AGRICULTURE AND FOOD SECURITY AT RIO+20  
WHAT ARE THE OPTIONS WHEN "BUSINESS AS USUAL" IS NOT AN OPTION?

20 years after the Rio Earth Summit, the planet is in a deeper environmental, energy and financial crisis. The United Nations Conference on Sustainable Development 2012 (hereinafter referred to as "Rio+20") needs to strengthen an agricultural system that substantially diminish hunger and poverty, drastically reduces climate change and its impact, and restores biodiversity, soil fertility

## Key points

- agriculture on the agenda of Rio plus 20!
- Give strong and increasing support to small scale, agroecological and other forms of sustainable, organic, ecological and humane food production;
- Mandate a UN agency to develop a work plan for implementing the decisions of UNCSO 2012 and the findings of the International Assessment of Agricultural Knowledge, Science and Technology for Development (IAASTD).

Rio plus 20: ELEMENTS OF AN  
AGREEMENT in an outcome document  
e.g., on a green economy



- ELEMENTS FOR AN OUTCOME DOCUMENT IN RIO
- POLICIES RIO+20 CAN ADOPT IMMEDIATELY
- POLICIES TO DEAL WITH THE FOOD CRISIS:

Restore public support for agriculture to address the food crisis

convert "land-grabs" to peasants' fields  
agrofuel land to food

Adopt policies that reduce soil erosion and combat desertification  
reduce food losses  
freshwater waste in food and beverage processing industries

POLICIES TO TRANSFORM THE FOOD CHAIN INTO A FOOD WEB:

POLICIES TO SHRINK AGRICULTURE'S ENVIRONMENTAL FOOTPRINT AND IMPROVE HEALTH:

POLICIES TO ENCOURAGE INNOVATION AND DIVERSIFICATION IN THE FOOD WEB:

## Attention to these reports!

- The UN the Special Rapporteur on the Right to Food's report; *"Agro-ecology and the Right to Food"* presented to Human Rights Council of the United Nations General Assembly in March 2011.

*The report demonstrates that agro-ecology, if sufficiently supported, can double food production in entire regions within 10 years while mitigating climate change, alleviating rural poverty and strongly contributing to broader economic development.*

- FAO papers for the FAO/OECD Expert Meeting on Greening the Economy with Agriculture (GEA) in Paris, September 2011

*They bravely outline the structural reasons for many of the agriculture related problems that the world faces today and brings together and systematically evaluates a wide range of potential solutions for addressing the challenges - many of which are already happening and can be scaled-up and further enhanced with the right support.*

- The FAO High Level Panel of Experts on Food Security and Nutrition report "Price volatility and Food Security" of the UN's Committee on World Food Security in September 2011.

*It integrates a rights-based approach to food*

From Input intensive to  
knowledge intensive and  
diversified farming

Food should be:

1. Available
2. Accessible/Affordable and
3. Adequate



Thank you for your  
attention