

# Future of Food *towards tangible actions*

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# The wish/goal: *healthy nutrition for all*



# The issue: situation is not sustainable

7 bn people (9 bn by 2050) and aging

1 bn poor people have hunger

1 bn poor people have hidden hunger

1 bn people consume ~45% of all resources

1.5 bn people have food related health issues

Climate change  
threatens harvests of the poor

Some solutions blocked



# Break the downward spiral (MDG1)

**POVERTY**

**MATERNAL  
& CHILD  
UNDERNUTRITION**



**DISEASES**



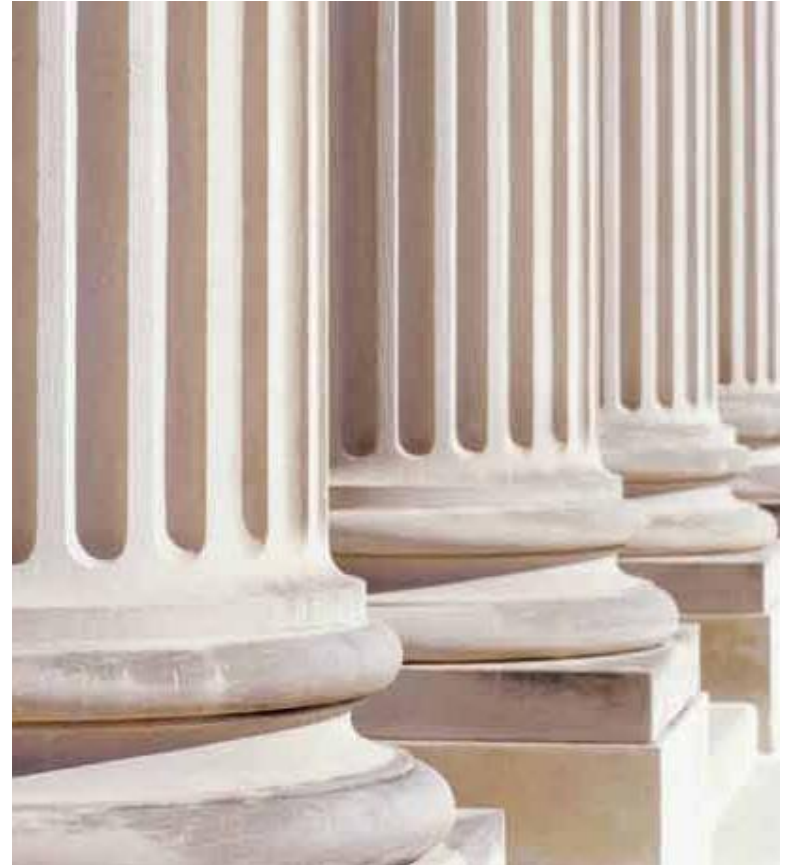
# Actions required

- Governance
- Private/Public Partnerships
- Innovation
- Development & Climate change
- Lifestyles



# Tangible action: Governance

- Improve market functioning
- Remove investment barriers
- Facilitate technology transfer
- Create emergency reserves
- Prevent food speculation



# Tangible action: Partnerships

- Public-private partnerships
- North-South partnerships
- Avoid fragmentation



Improving nutrition. Improving lives.

# Tangible action: Innovation

- Do more with less
- Decrease waste
- More efficient resource use
- Switch to renewables



- Increase crop/animal breeding yields
- Sustainable production
- Food *and* fuel: new protein solutions
- Innovative business models (BoP)

# Tangible action: (Pre)development

- Invest in:
  - infrastructure in developing countries
  - climate abatement in industrialized and adaptation in developing countries



# Tangible action: Addressing lifestyles

- Take healthier (lower-energy) foods
- Eat alternative protein sources
- Use climate-friendlier products



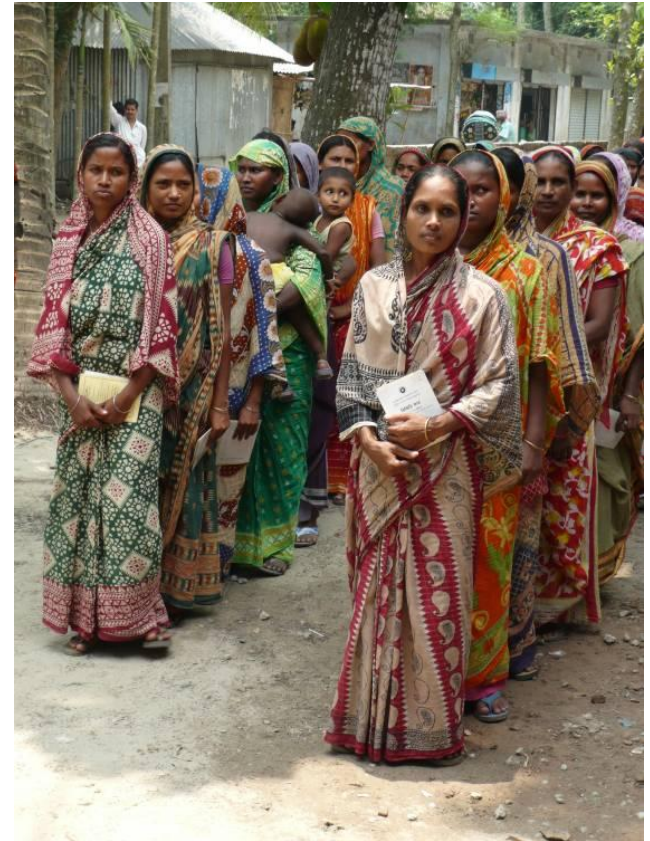
# UN Secretary General Ban Ki-Moon



“Hundreds of millions of people depend on us. Food insecurity and poor nutrition weaken the fabric of humanity. Today, we focus on two important initiatives, the SUN roadmap for Scaling- Up Nutrition and the 1,000 Day Movement, which will increase political attention to this essential element of the food security equation. I strongly support both initiatives and can be counted as a global nutrition leader. Today, I encourage leaders to ensure that each decision they make helps reduce the risk of under nutrition.”



# All people should have access to nutritious food



# Rich world: inadequate nutrition

Too many calories

Not enough micronutrients

→ (Non-communicable) diseases

*Actions:*

- Awareness programs
- Changing lifestyles
- Affordable healthy foods (low fat, sugar, salt)



# Developing world: inadequate nutrition

Mother/Child malnutrition

→ stunted development  
and social disruption



*Actions:*

- Innovative food fortification products (eg MixMe and NutriRice)
- School feeding

# Conclusions

- All actions require close alignment and cooperation (government, science, industries, NGO's, etc)
- Together we *can* make a difference, *have* to make a difference, *will* make the difference: **take action!**



“We cannot be successful,  
nor even call ourselves successful,  
in a society that fails.”

