Building the Solutions for Nutrition: Today & Tomorrow

Nadina Müller
The triple burden of malnutrition
One of the key health challenges of our time.

Malnutrition
Affects our health
Impairs social and economic success
Causes emotional suffering

Overnutrition
1 in 3 adults & 1 in 7 kids
cause of 19 % of deaths
Obesity costs 2.8 % of global GDP

Undernutrition & Micronutrient Deficiency
1 in 7 people go to bed hungry
1 in 3 in developing world suffer from MD
Costs of 2 – 3 % of global GDP

stunting
(people are too short for their age)

wasting
(people are too thin for their height)

obesity
(people are overweight)
Maximize the delivery of intrinsic nutrition for healthy food & feed products.
A value chain approach is key to maximize nutritional value. Nutrients can be retained or lost at every step.

- Allow maximal nutrient build up.
- Stabilize and reduce contaminants.
- Retain maximal nutritional content while meeting consumer preferences.
- Avoid spoilage.
Focus areas of investigation
How can we deliver nutrition most effectively.

Alternative proteins
- Closing the protein gap
- Boosting the nutritional status
- Key staple food
- Feed affects food

Perception of grain

Malnutrition

Animal Health
Nutrition expert tour
Highlighted solutions today.

Alternative proteins

Pulses – a Crop with Promise
Plant Protein Source of Today.

Quinoa Processing
Nutritional Grain on the Rise.

Atta Flour – Healthy and Tasty
Coveted Whole Wheat Solution.

Masa Flour – Nutritious and Delicious
Locally Relevant with Global Potential.

Gluten Free Bread Crumbs
Following Consumer Trends.

EXHIBITION
10:10 – 11:05 &
11.00 – 11.55

Closing the protein gap

Key staple food
Breakout sessions on nutrition
Deep dive and discussion.

1. Alternative Grains to Improve Nutritional Value in our Daily Diet
   Example Pulse Pasta.

2. Meat Analogues
   Plant Proteins in Application.

3. How to Manage Challenges in the African Grain Market
   Challenges and Requirements for Expanding Business.

4. The Need for Alternative Proteins
   Example Algae & Insects.
Innovations for a better world.