



Global Strategy  
IMPROVING AG-STATISTICS



# IMPROVING THE METHODOLOGY OF FOOD BALANCE SHEETS



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## BRIEF DESCRIPTION OF THE RESEARCH TOPIC

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With food security high on international and national development agendas, there is a need to improve the measurement of food availabilities – including beyond the farmgate

- Major dietary commodities are rarely made available for consumption in their primary form, the importance of accurately capturing the transformation is paramount for monitoring food security
  - Value chains are growing in number and complexity in most developing countries
  - Enormous gap in the measurement of these trends
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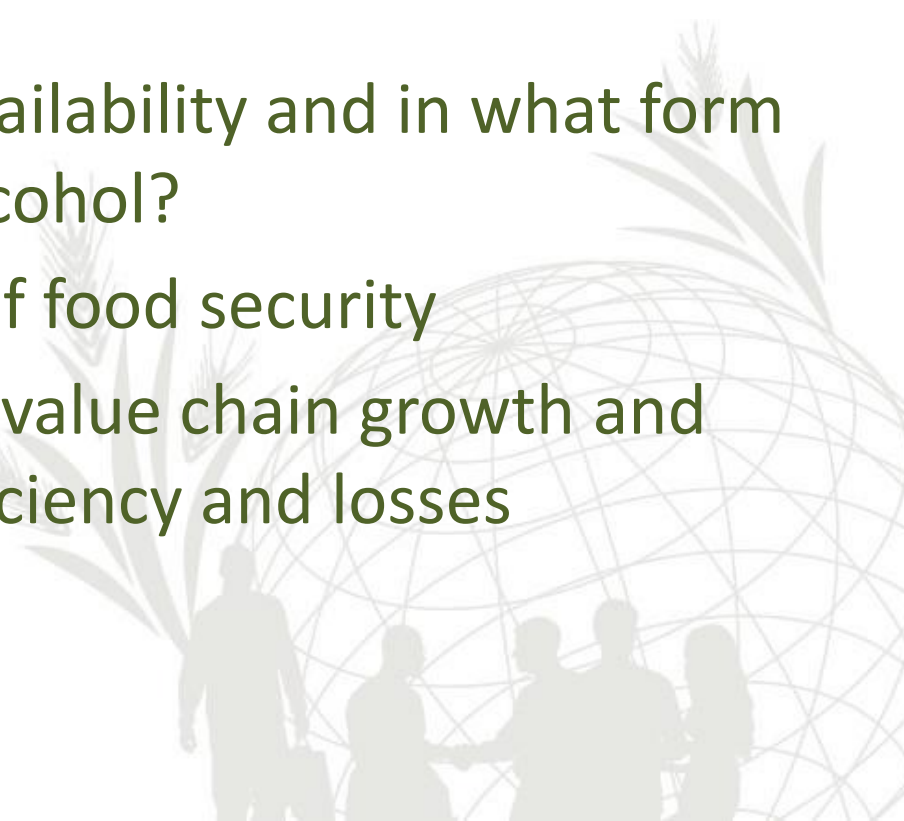


# PROPOSED APPROACH

- Develop value chain typologies for commodities (country/dietary importance/income based)
- For each typology derive methods to assess the volume of primary commodities undergoing processing: on-farm versus industry and in what form
- Establish technical conversion factors of primary foodstuffs based on processing shares, physiological limits, technical efficiency,
- Fostering alliances with development partners, e.g. UN Industrial Commodity Production Statistics, nutrition departments
- Country ownership

## PAYOFFS

- A better understanding of how basic foodstuffs are being utilized by sectors (food versus feed versus industry)
- Better estimates of food availability and in what form (nutrition), e.g. bread or alcohol?
- More informed estimates of food security
- Measuring and monitoring value chain growth and performance: technical efficiency and losses





**THANK YOU**

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