

# Foresight4Food

## Webinar Series 2023

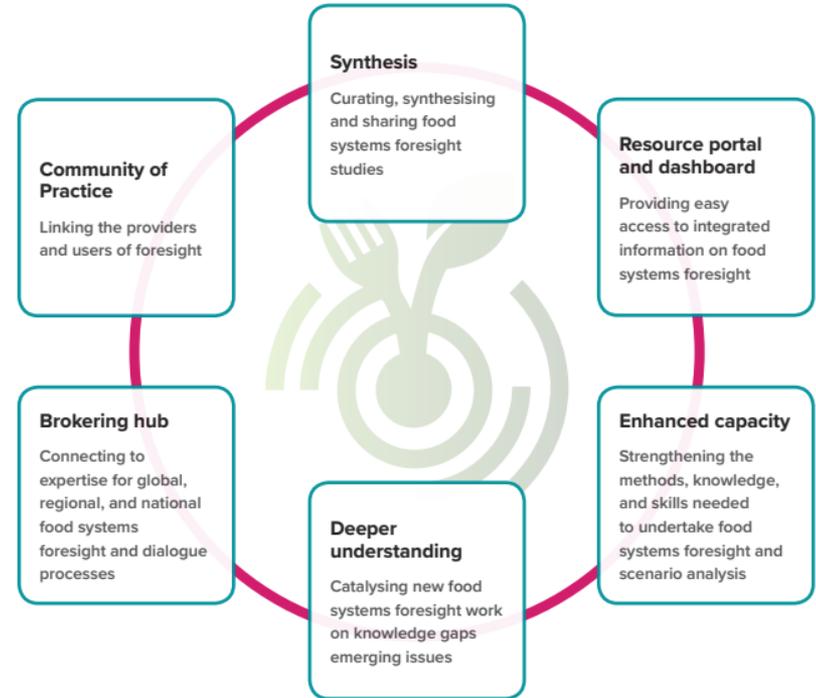
### Episode 2: 'Integrating Stakeholder Engagement and Computer Modelling in Foresight Processes'



**Foresight4Food**  
International Collaborative Initiative

# Introducing Foresight4Food

- Network of providers and users of foresight and scenario analysis
- Promotes futures thinking for food systems transformation
- Helps to build capabilities for foresight
- Focus on linking participatory processes and data modelling





# Webinar Series in 2023

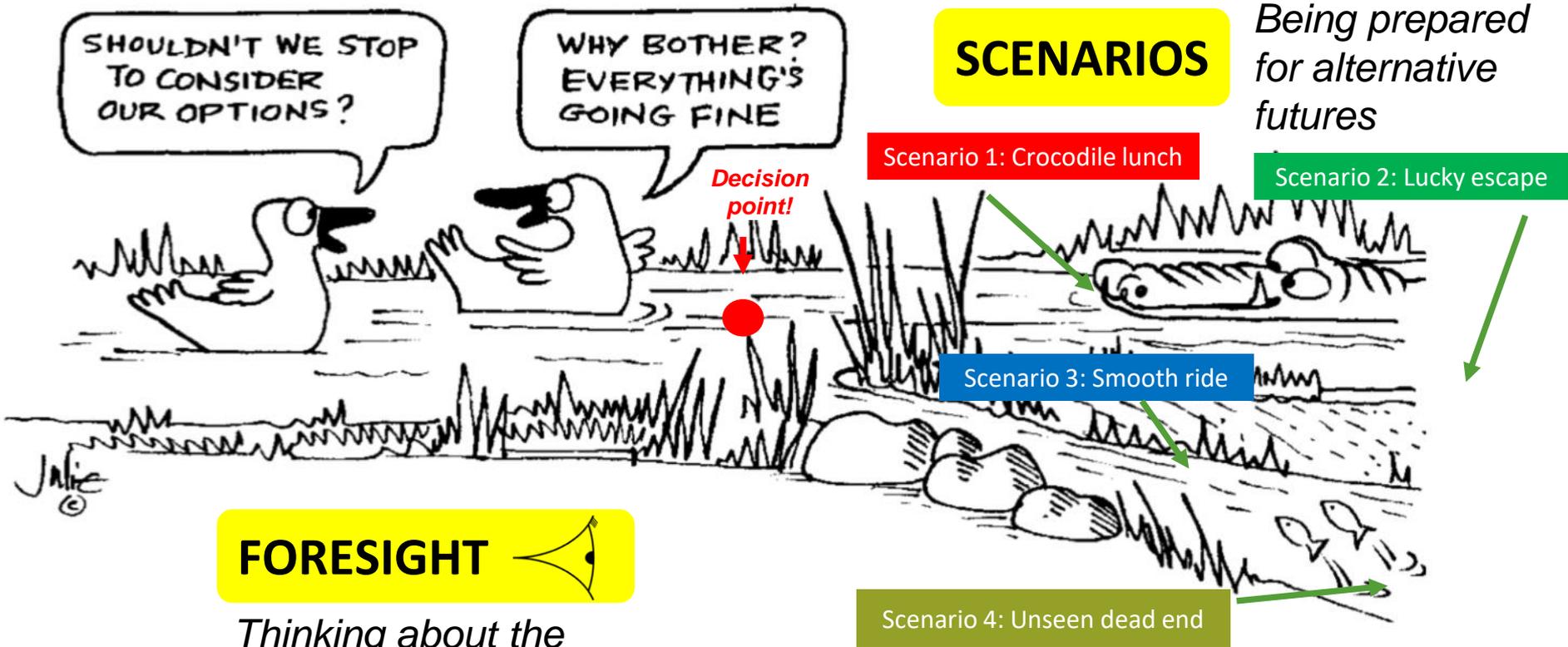
- Regular webinars – next end of March
- Opportunity for practitioners to share their work and learn from others
- Exploring different methods
- Looking at emerging mega-trends and uncertainties in food systems
- Demand driven – welcome to share your ideas!



# Today's Agenda 14:00 – 15:15

- 1. Setting the scene** – Jim Woodhill, Foresight4Food Lead
- 2. Panel discussion and presentations with:**
  1. Keith Wiebe, Senior Research Fellow at International Food Policy Research Institute
  2. Saeed Moghayer, Senior Researcher at Wageningen Economic Research
  3. Monika Zurek, Senior Researcher at University of Oxford
- 3. Interactive breakouts: room for discussion**
- 4. Feedback from groups**
- 5. Where do we go from here**

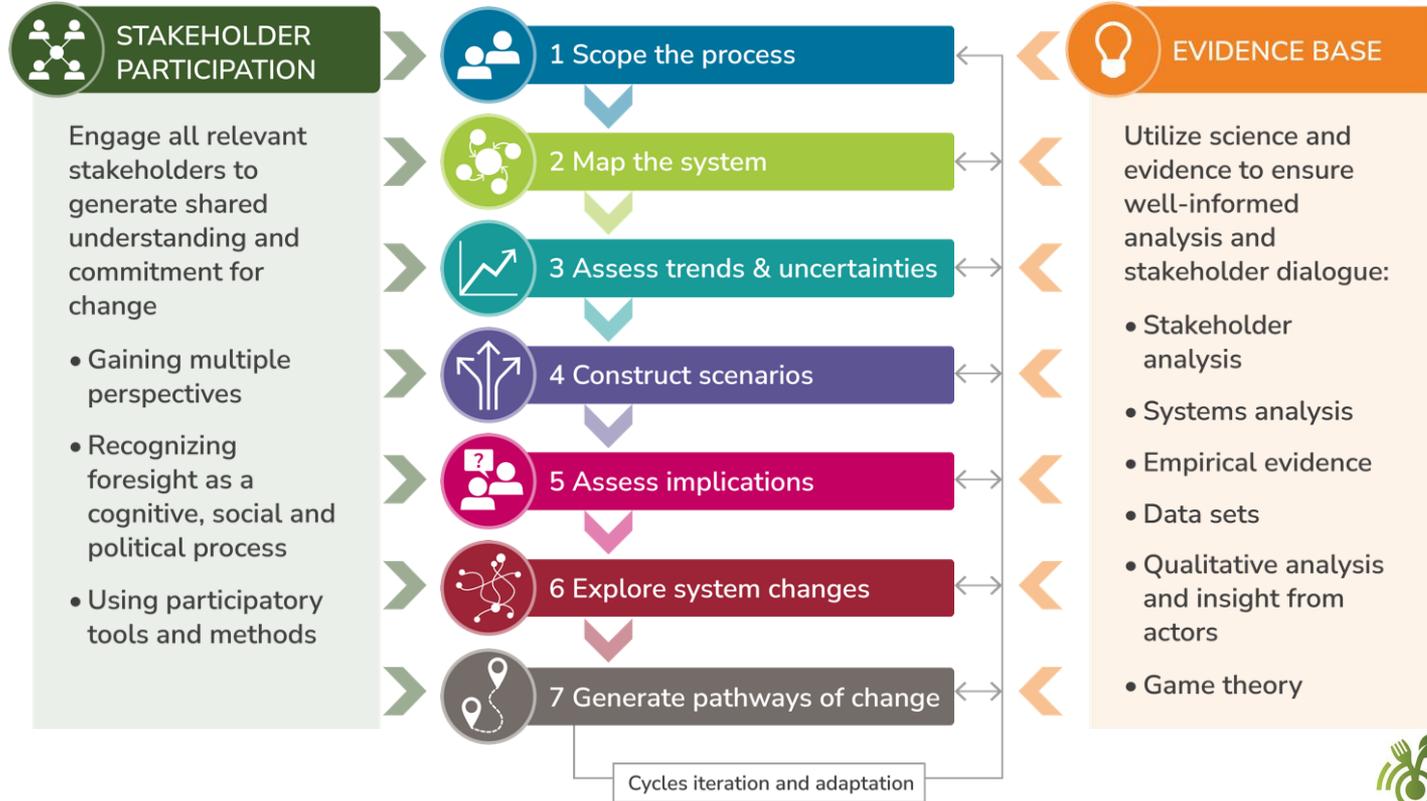
# How foresight can support food system transformation



## FORESIGHT

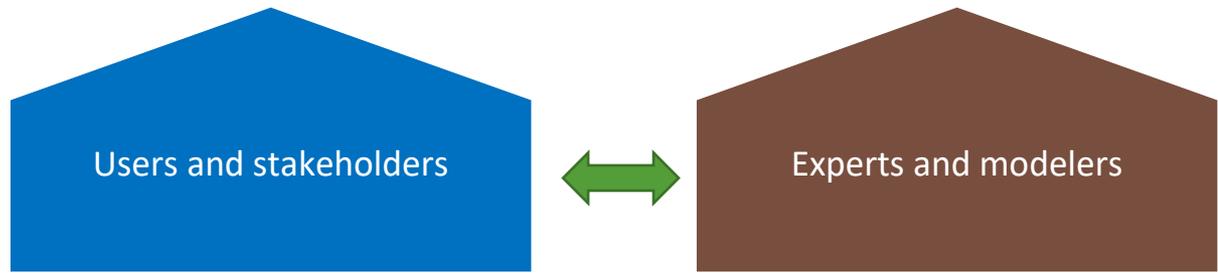
*Thinking about the future to improve decision making today*

# Foresight For Food Systems Change: A Guiding Process





# Data for what?





# Panel discussion

- Round 1:
  - Where are we at in terms of integrating participatory processes and quantitative modelling to support foresight for food systems change?
  - What is the biggest challenge you see?
  - And the biggest opportunity?
- Round 2: Can each of you give a practical example of your work on this topic?



INITIATIVE ON  
Foresight

# CGIAR Initiative on Foresight & Metrics

Integrating Engagement & Modeling

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**Keith Wiebe**, IFPRI (lead)

Elisabetta Gotor, ABC (co-lead and Work Package 1 lead)

James Thurlow, IFPRI (Work Package 2 lead)

Gideon Kruseman, ABC (Work Package 3 lead)

Dolapo Enahoro, ILRI, and Tonja Schütz, ABC (Work Package 4 leads)

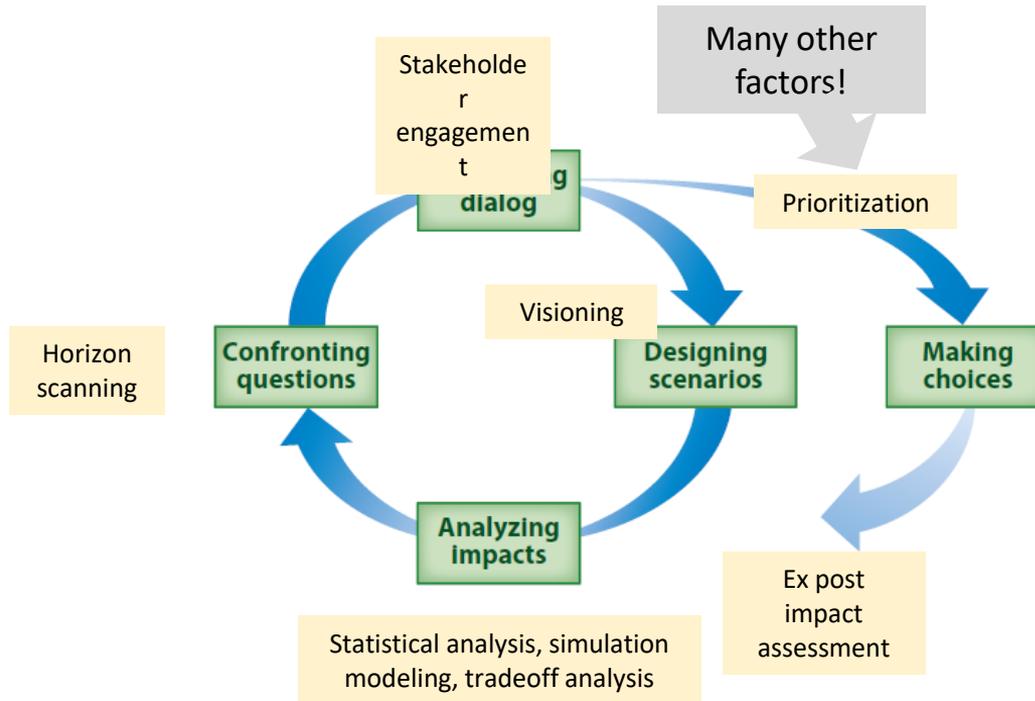
And a multidisciplinary team of experts from across One CGIAR

**Foresight 4 Food Webinar**

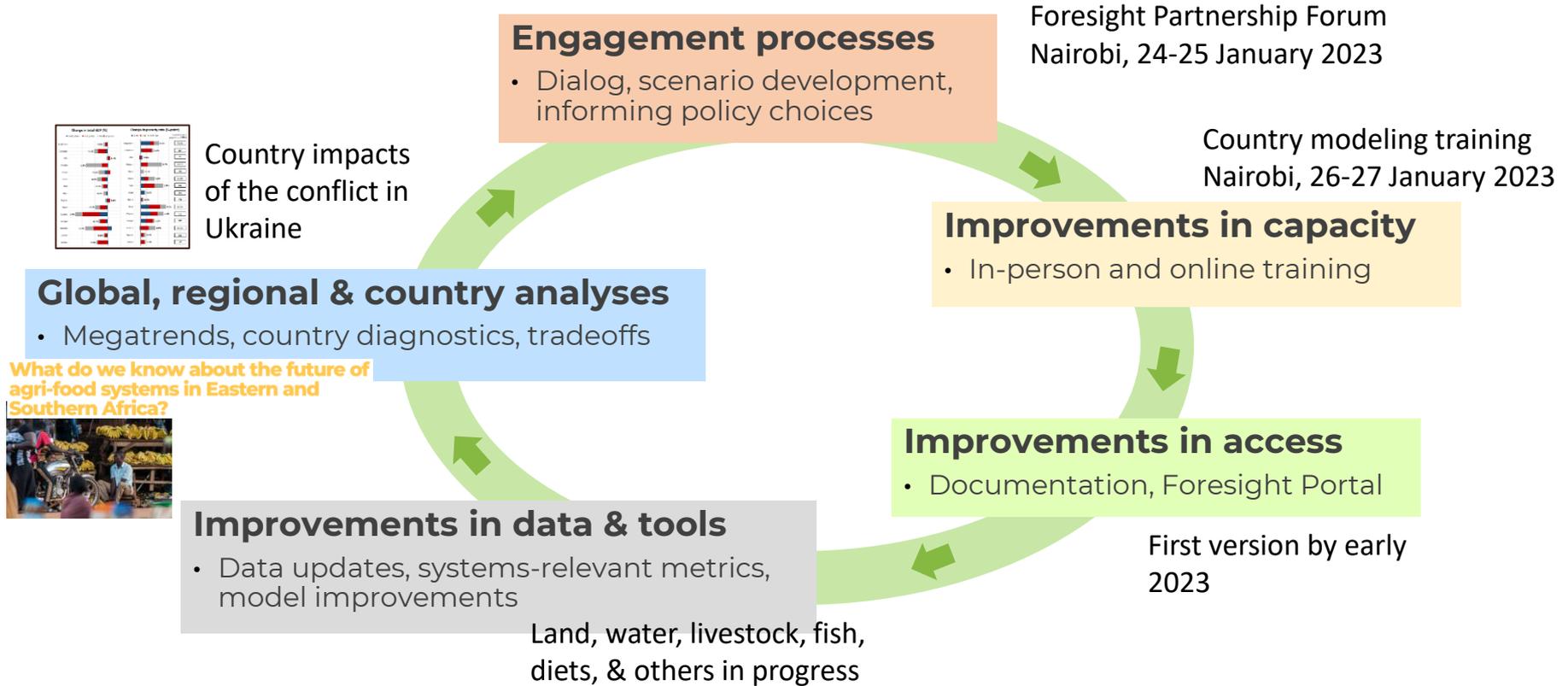
23 February 2023

# Foresight is an iterative process

involving both qualitative & quantitative elements

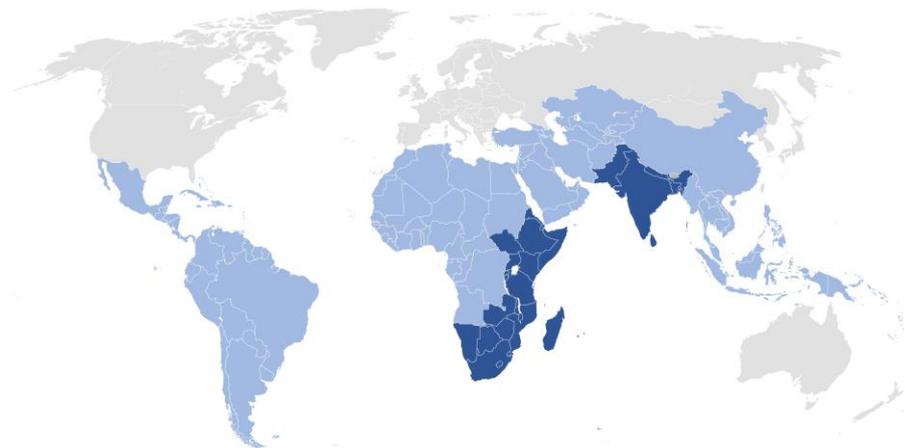


# The CGIAR Foresight Initiative integrates engagement and analysis



# Partnerships are critical

- Analysis of global context, with particular interest in developing regions
- Regional focus on Eastern & Southern Africa and South Asia
- Country focus on Kenya, Rwanda, Malawi, Zambia, Bangladesh, & Nepal
- Partnerships including the African Network of Agricultural Policy Research Institutes (ANAPRI)



# For more information

Keith Wiebe, IFPRI ([k.wiebe@cgiar.org](mailto:k.wiebe@cgiar.org))

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INITIATIVE ON  
Foresight

# Foresight scenario & modelling: The case of Dhaka Food Systems project

Saeed Moghayer, Michiel van Dijk, Thijs de Lange, Jim Woodhill, Marion Herens, Riti Mostert



Food and Agriculture  
Organization of the  
United Nations



WAGENINGEN  
UNIVERSITY & RESEARCH



Kingdom of the Netherlands

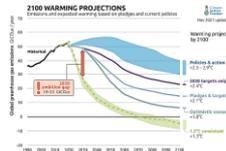
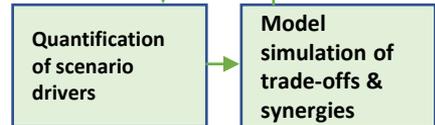
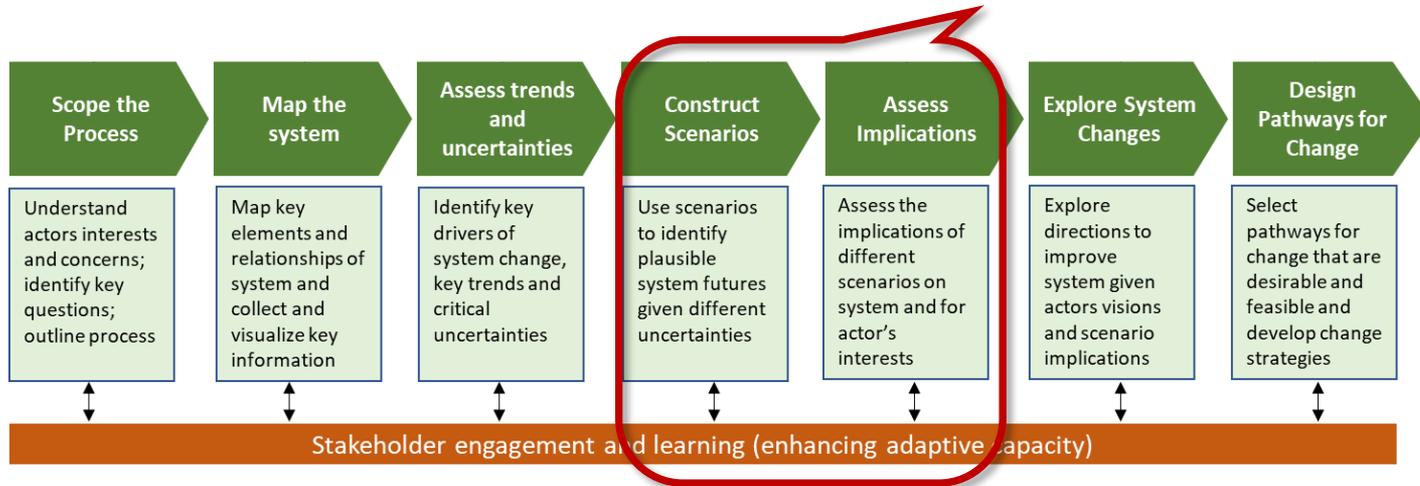
# Main outcome: long-term intervention strategies for food system planning and governance

- Foresight and scenario planning and modelling
- Formulating Dhaka food agenda 2041
- Establish DMA consultative group across the four city cooperations in Dhaka
- Training and capacity building



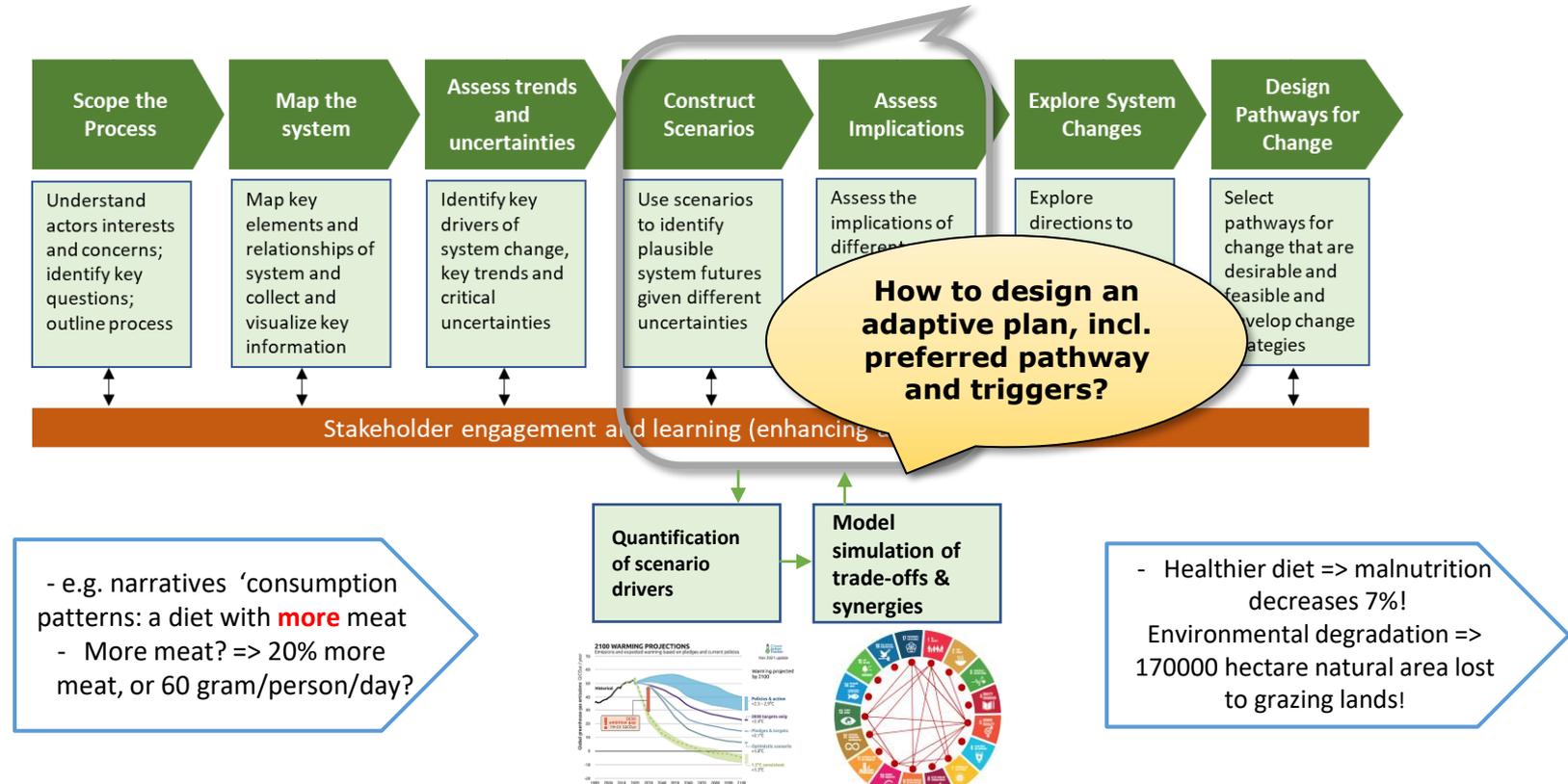
# Modelling to get grip on complexity

## Projections of different possible futures



# Modelling to get grip on complexity

Projections of different possible futures



# MAGNET – CGE Model

Macroeconomic indicators & projections



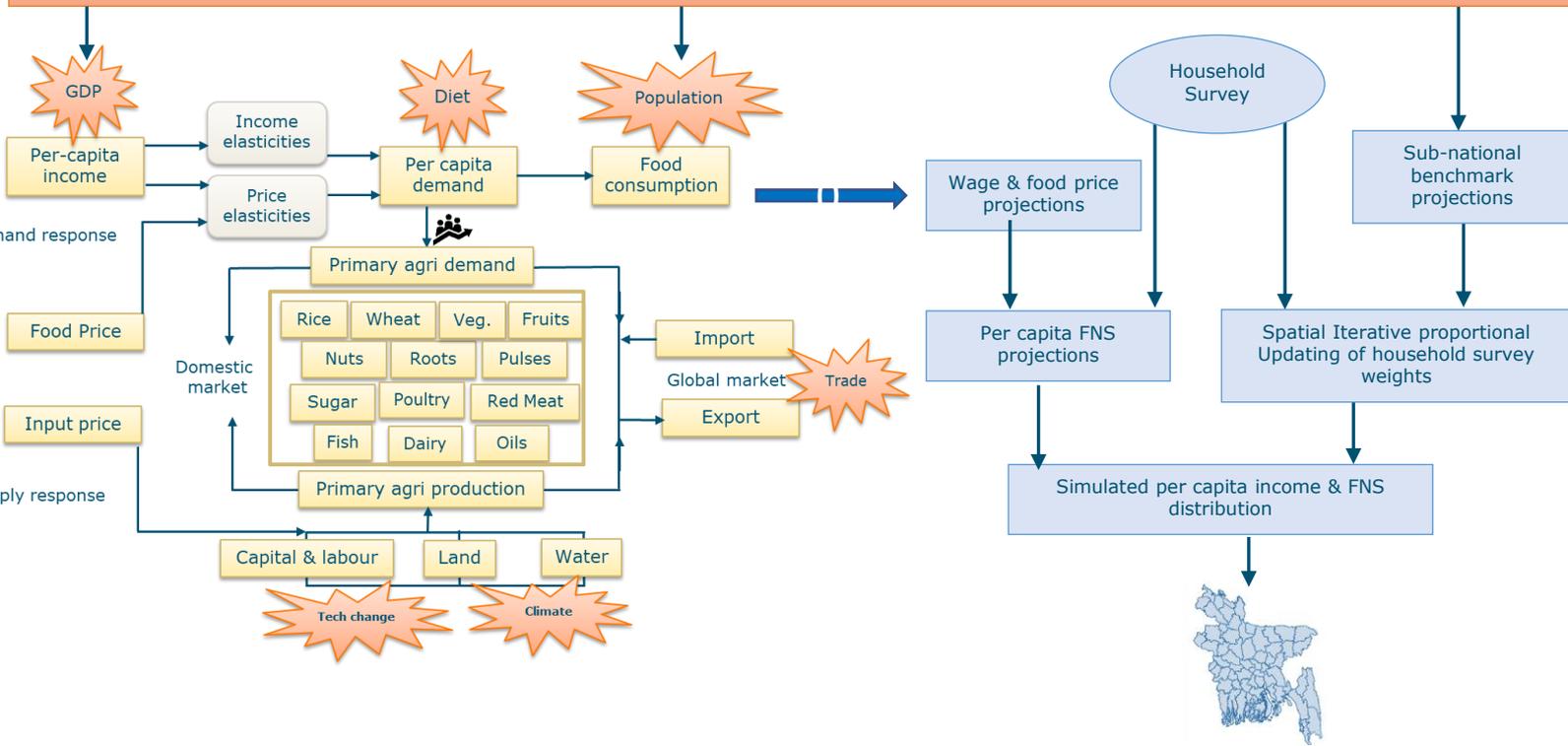
# SSID – microsimulation model

Income & poverty projections and maps



Impact

Income, Demographic, urban/rural & occupation projections



Food & nutrition security

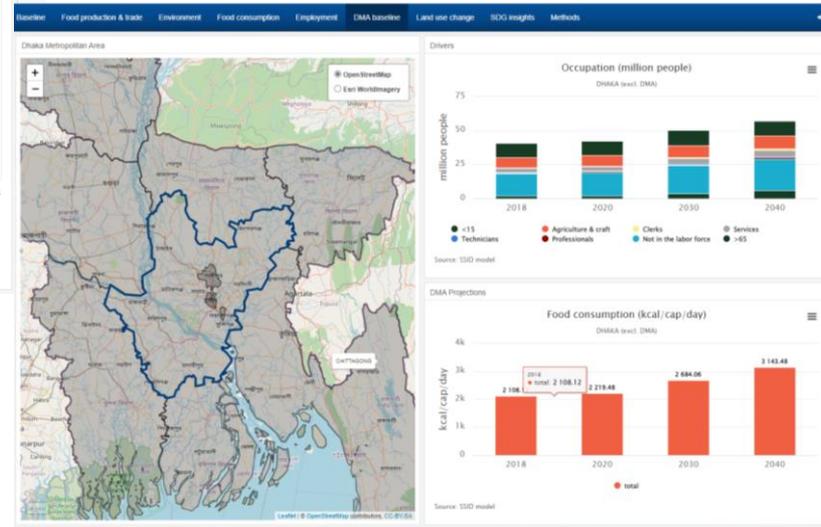


Socio-economic



Environment

# Results: web-based interactive dashboard





# Thank you!



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www.foresight4food.net



## Foresight4Food

International Collaborative Initiative

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