



INITIATIVE ON
Foresight

CGIAR Initiative on Foresight & Metrics Overview & Update

Keith Wiebe, IFPRI (lead)

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

James Thurlow, IFPRI (Work Package 2 lead)

Gideon Kruseman, CIMMYT (Work Package 3 lead)

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

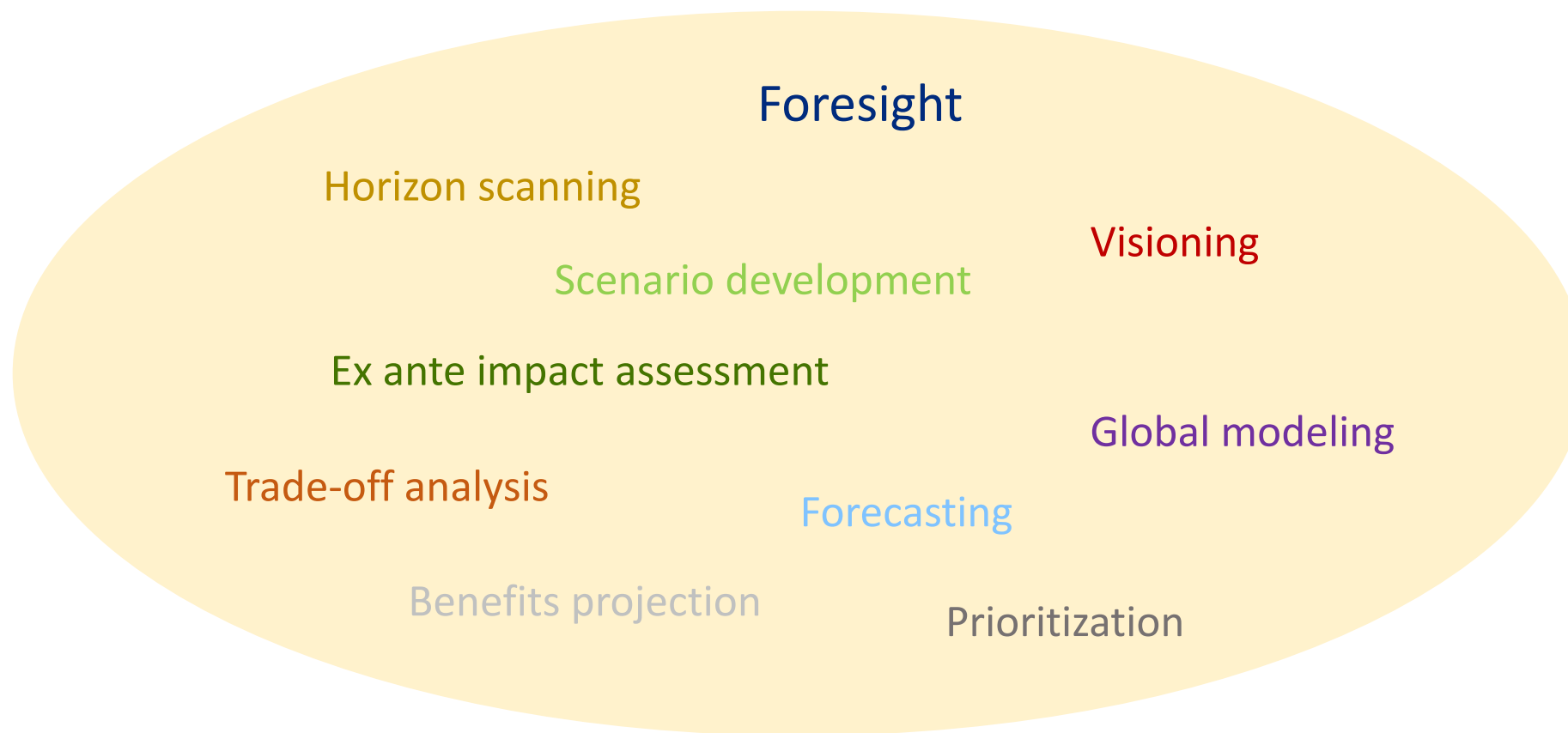
And a multidisciplinary team of experts from across One CGIAR

Update for ISDC
October 2022



What is foresight?

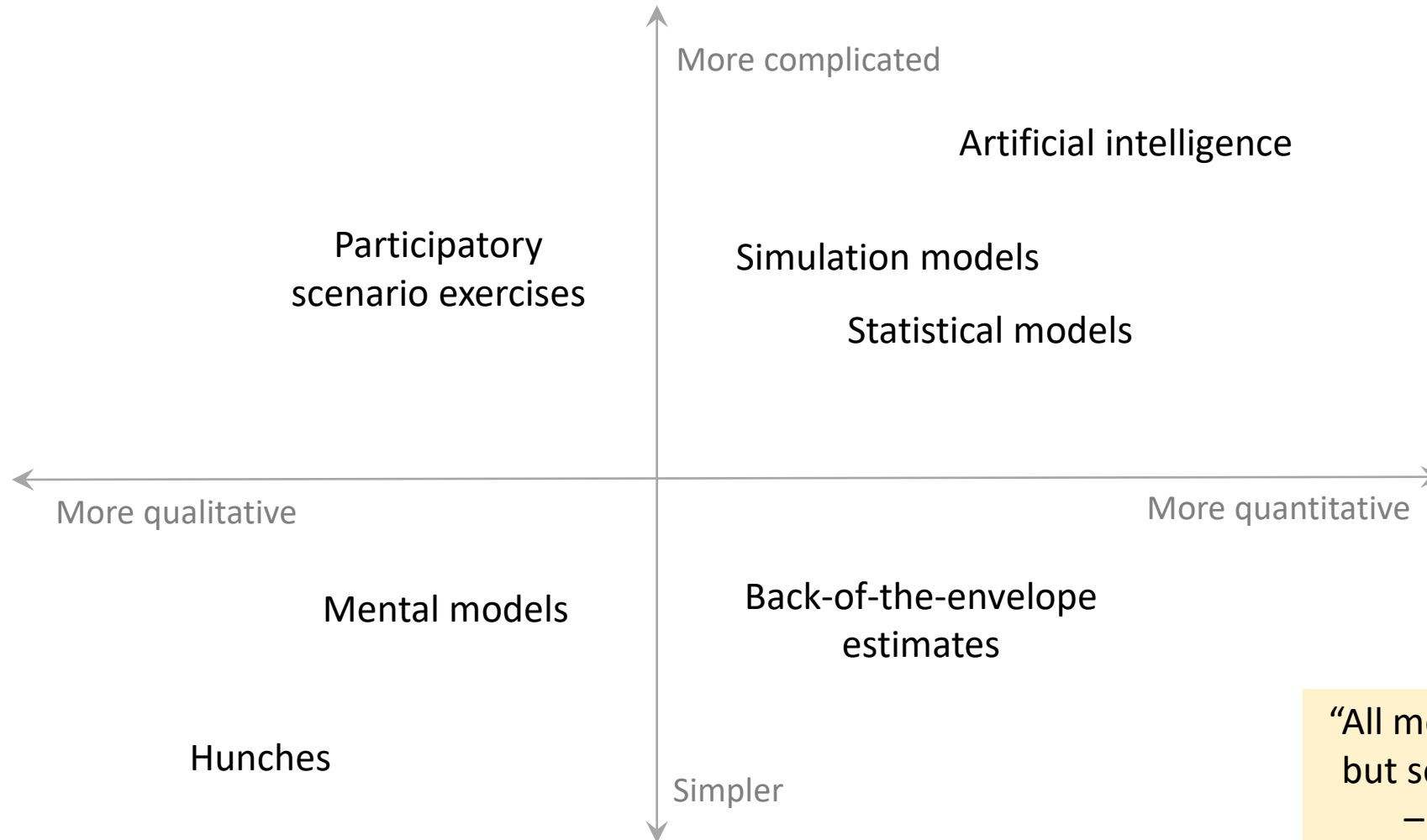
Thinking about the future to inform decision making today



→ Different approaches for different purposes



Foresight methods & models



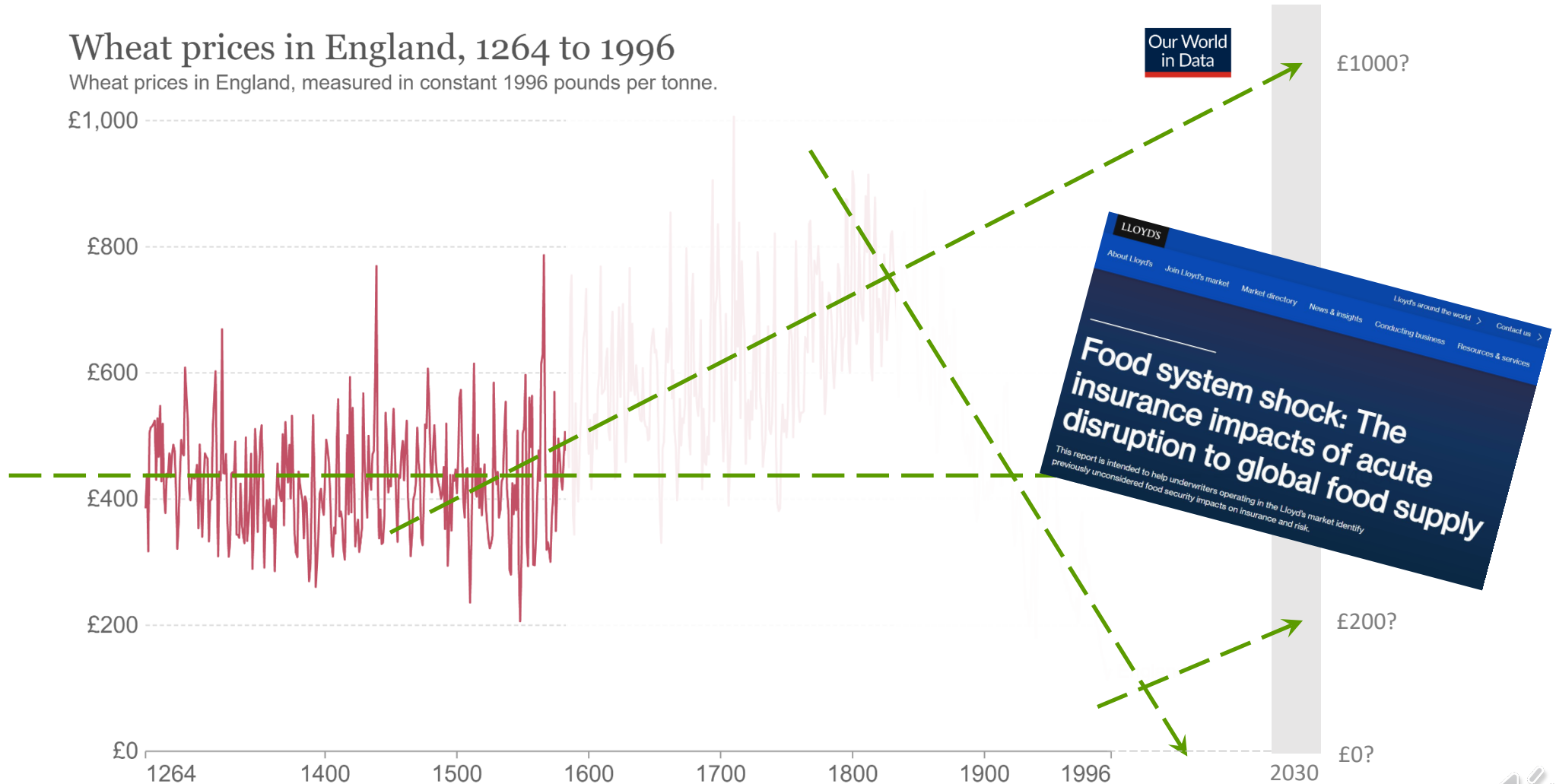
“All models are wrong,
but some are useful”
– George Box



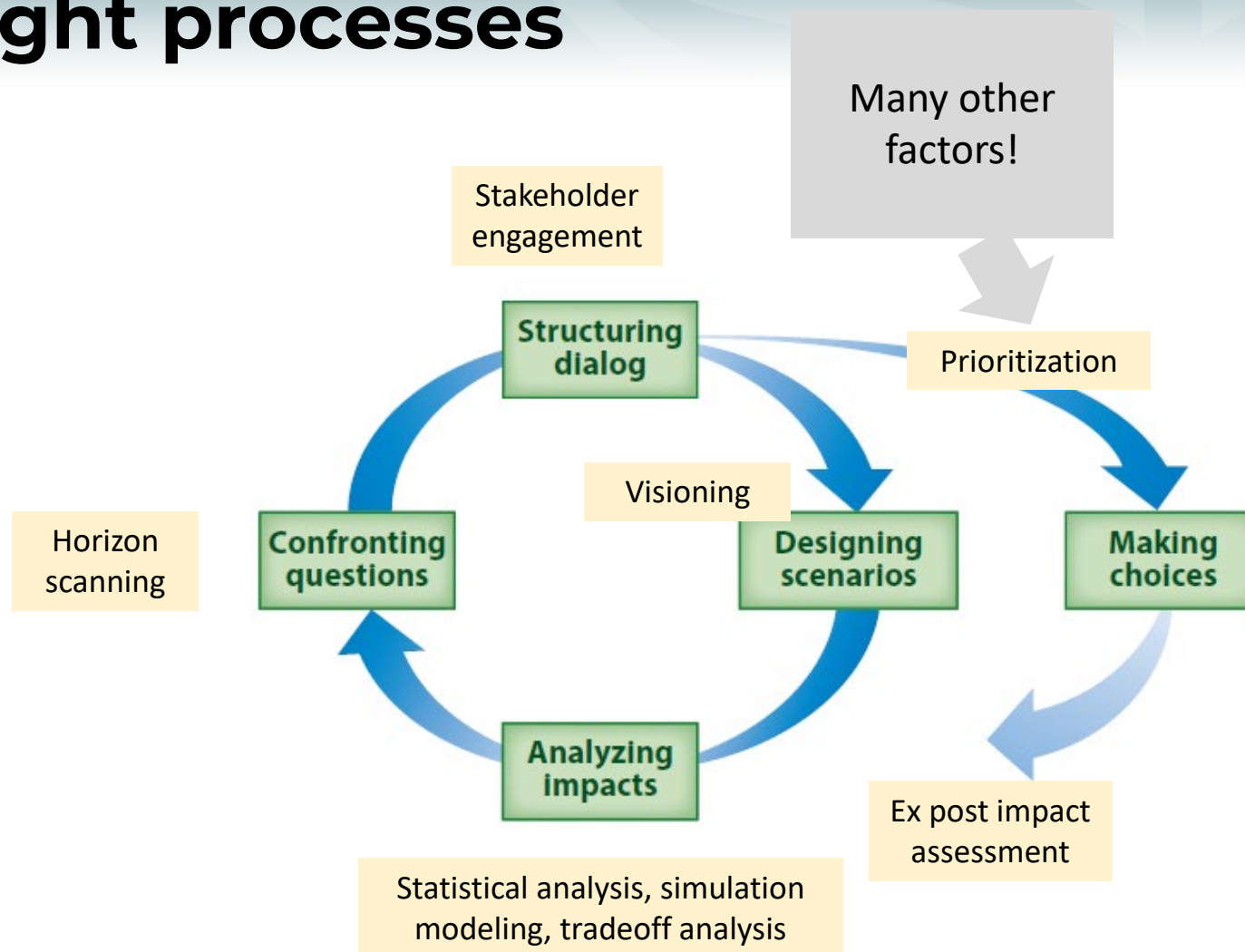
Learning from the past

Wheat prices in England, 1264 to 1996

Wheat prices in England, measured in constant 1996 pounds per tonne.



Foresight processes



Foresight Initiative: goals & approach



To provide the evidence and capacity needed to **inform the complex choices** that will shape the future of food, land and water systems, this initiative will, in close interaction with decision-makers at multiple levels:

1. Develop a common information base on major medium- and long-term future challenges and strategic opportunities at global and regional scales, with a particular focus on developing areas

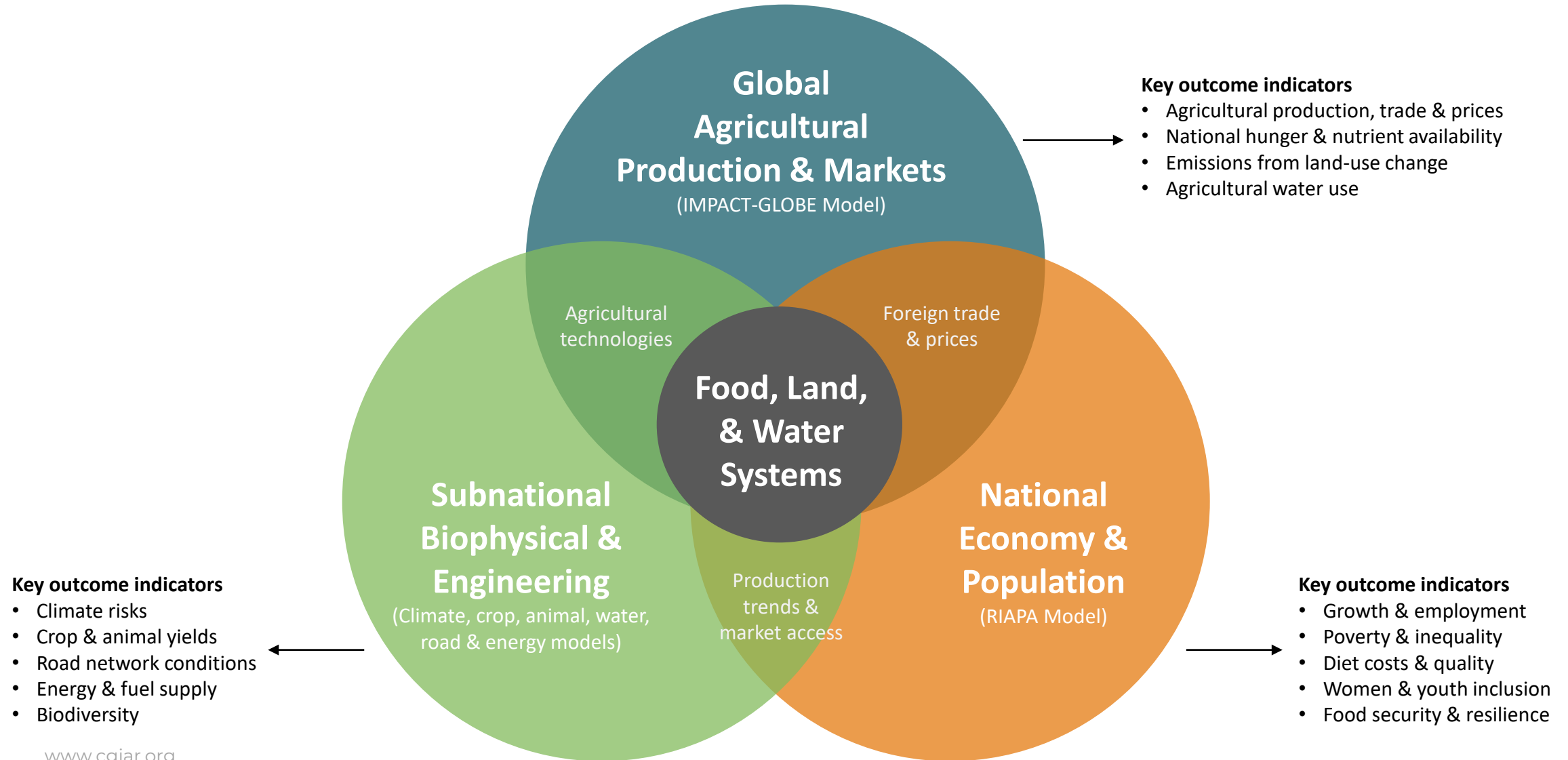
2. Work closely with national partners on foresight analyses to inform policy and investment decisions, with special attention to climate variability, risk and resilience

3. Enhance access to and transparency of foresight tools and systems-relevant metrics

4. Enhance partners' foresight capacity and ownership through collaborative research and structured training programs

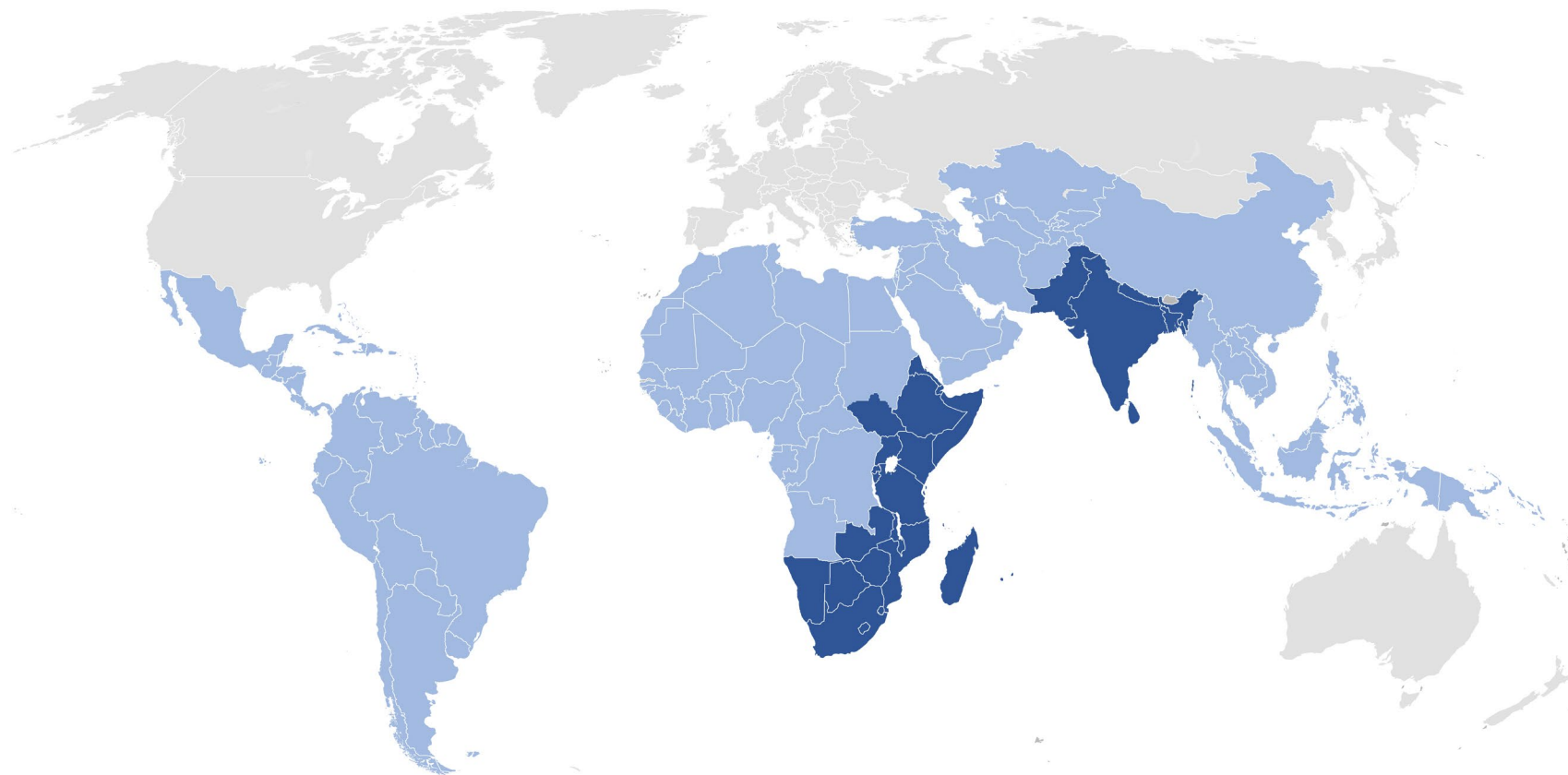


Integrated analysis & engagement at multiple scales to inform decision making at multiple scales



Where we are working

- Analysis of global context
- Particular interest in developing regions
- Regional focus on Eastern & Southern Africa and South Asia
- Country focus on Kenya, Rwanda, Malawi, Zambia, Bangladesh, & Nepal
- Technical partnerships with Brazil, China, India, Indonesia, & South Africa



Links to other initiatives & partners

- **Other CGIAR research initiatives**
 - National Policies and Strategies, Ukama Ustawi, Market Intelligence, MITIGATE+, and others
- **Other global research institutions & networks**
 - AgMIP, Oxford University, MIT, IIASA, Wageningen University, and others
- **Regional and national partners**
 - Regional Network of Agricultural Policy Research Institutes (ReNAPRI)
 - Tegemeo Institute of Agricultural Policy and Development (Kenya)
 - Bureau for Food and Agricultural Policy (BFAP, South Africa)
 - Embrapa (Brazil)
 - Chinese Academy of Agricultural Sciences
 - and others



Key activities

Engagement processes

- Dialog, scenario development, informing policy choices

Foresight Partnership Forum
Nairobi, 6-7 December 2022

Country modeling training
Nairobi, 8-9 December 2022

Improvements in capacity

- In-person and online training

Improvements in access

- Documentation, Foresight Portal

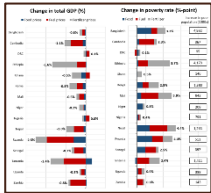
First version by end 2022

Improvements in data & tools

- Data updates, systems-relevant metrics, model improvements

Land, water, livestock, fish, diets, & others in progress

Country impacts of Ukraine conflict recently published



Global, regional & country analyses

- Megatrends, country diagnostics, tradeoffs





INITIATIVE ON
Foresight

FAO Science and Innovation Forum

Side Event organized by the CGIAR Research Initiative on Foresight

Recording available at <https://youtu.be/xcnKWD4L4gc>

Informing the Future through Foresight and Metrics to Accelerate Food, Land, and Water System Transformation

12 October 2022

2:00-3:15 PM CEST / 8:00-9:15 AM EDT

With speakers and panelists from:



BFAP
DATA
DRIVEN
INSIGHT



Photo by Ricky Martin/CGIAR

For more information

Keith Wiebe, IFPRI (k.wiebe@cgiar.org)

Elisabetta Gotor, ABC (e.gotor@cgiar.org)

James Thurlow, IFPRI (j.thurlow@cgiar.org)

Gideon Kruseman, CIMMYT (g.kruseman@cgiar.org)

Dolapo Enahoro, ILRI (d.enahoro@cgiar.org)

Tonja Schütz, ABC (t.schuetz@cgiar.org)



INITIATIVE ON
Foresight

