



STEPS centre

# Knowledge and Innovation for Sustainability: Global and Local



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A large, abstract graphic of intersecting curved lines in light green and grey is positioned in the lower-left corner of the slide, extending from the bottom left towards the center.

Drawing on work by Sally Brooks, Melissa Leach, Erik Millstone, Hannington Odame,  
Shijun Ding, Ian Scoones, Adrian Smith, Andy Stirling, John Thompson & Paddy Van Zwanenberg



# Global crises

## Global solutions?

## Local solutions?

# Seeds in China



# Backward mapping research methodology ...

## **“Regulatory worlds”**

Start with regulatory framings of the problem ...



... how do regulators shape sociotechnical practices?

... how do their concerns diverge from regulatory framings?



Start with local sociotechnical practices of the poor ...

## **“Local realities”**

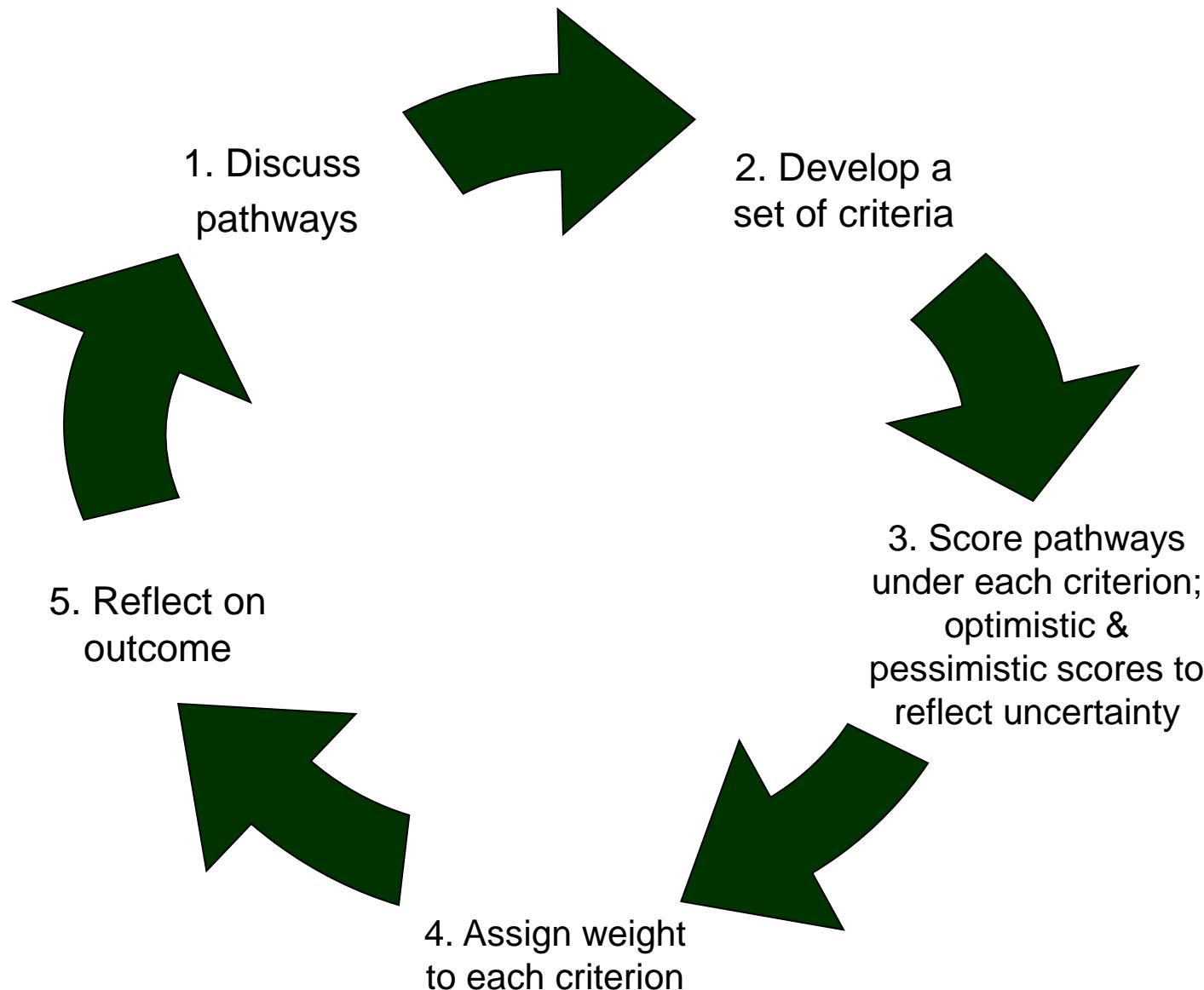


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# Pathways in and out of maize



# Multi-criteria mapping methodology ...



A close-up photograph of a corn plant, showing the green leaves and the yellow ear of corn. The background is a clear, bright blue sky.

9

147

pathways

criteria



## Economic/ market (71)

resource costs

availability and access

market aspects

## Stress (43)

water

pest/ disease resistance

agro-ecological

## Social, political, cultural (33)

food security

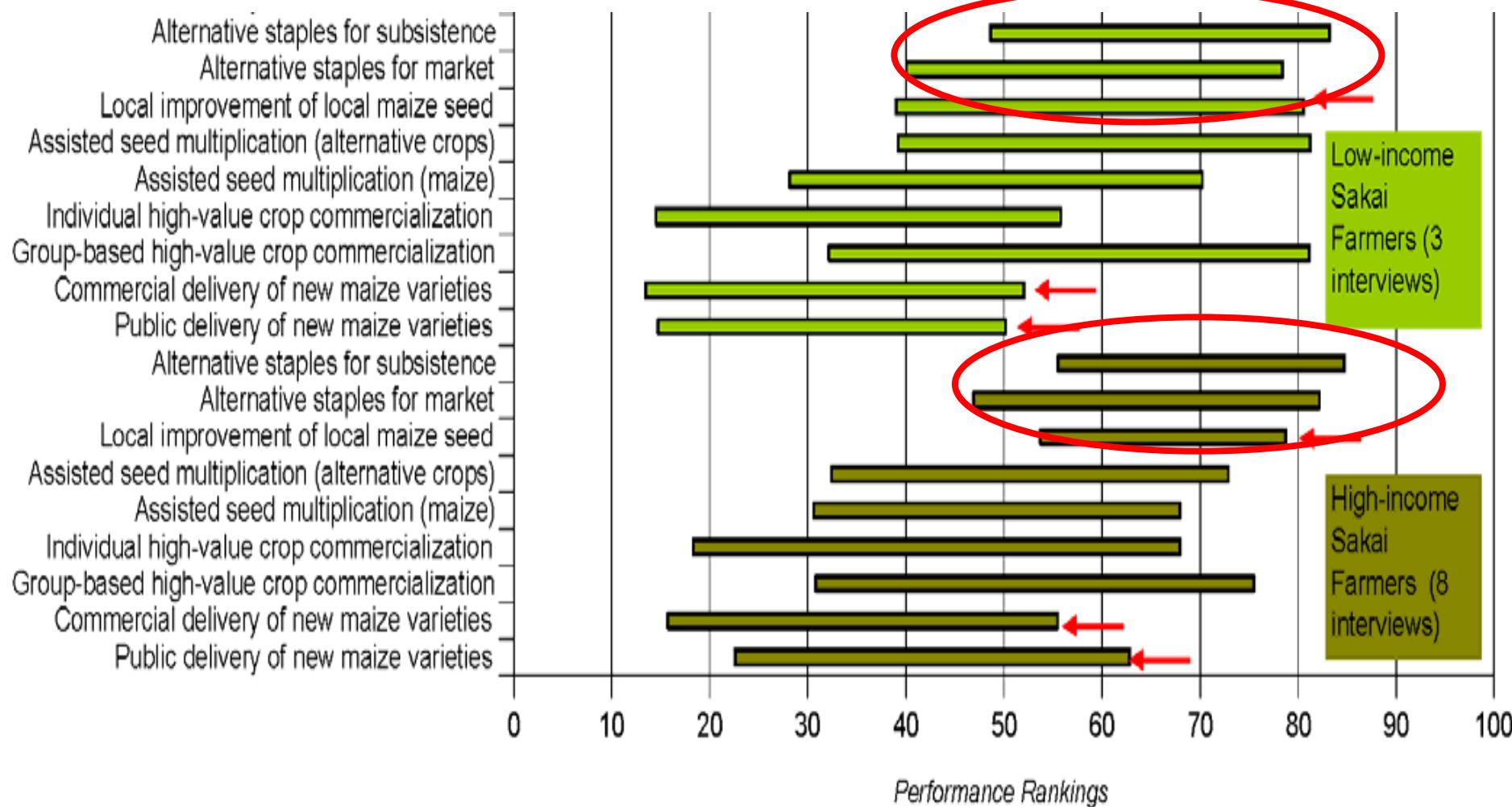
socio-cultural

knowledge and skills

147

criteria

# Pathways in and out of maize



# Opportunities, barriers and tensions in reconciling global and local

Different perspectives on 'sustainability'

Politics of knowledge and action



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