



STEPScentre

Knowledge and Innovation for Sustainability: Global and Local



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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?

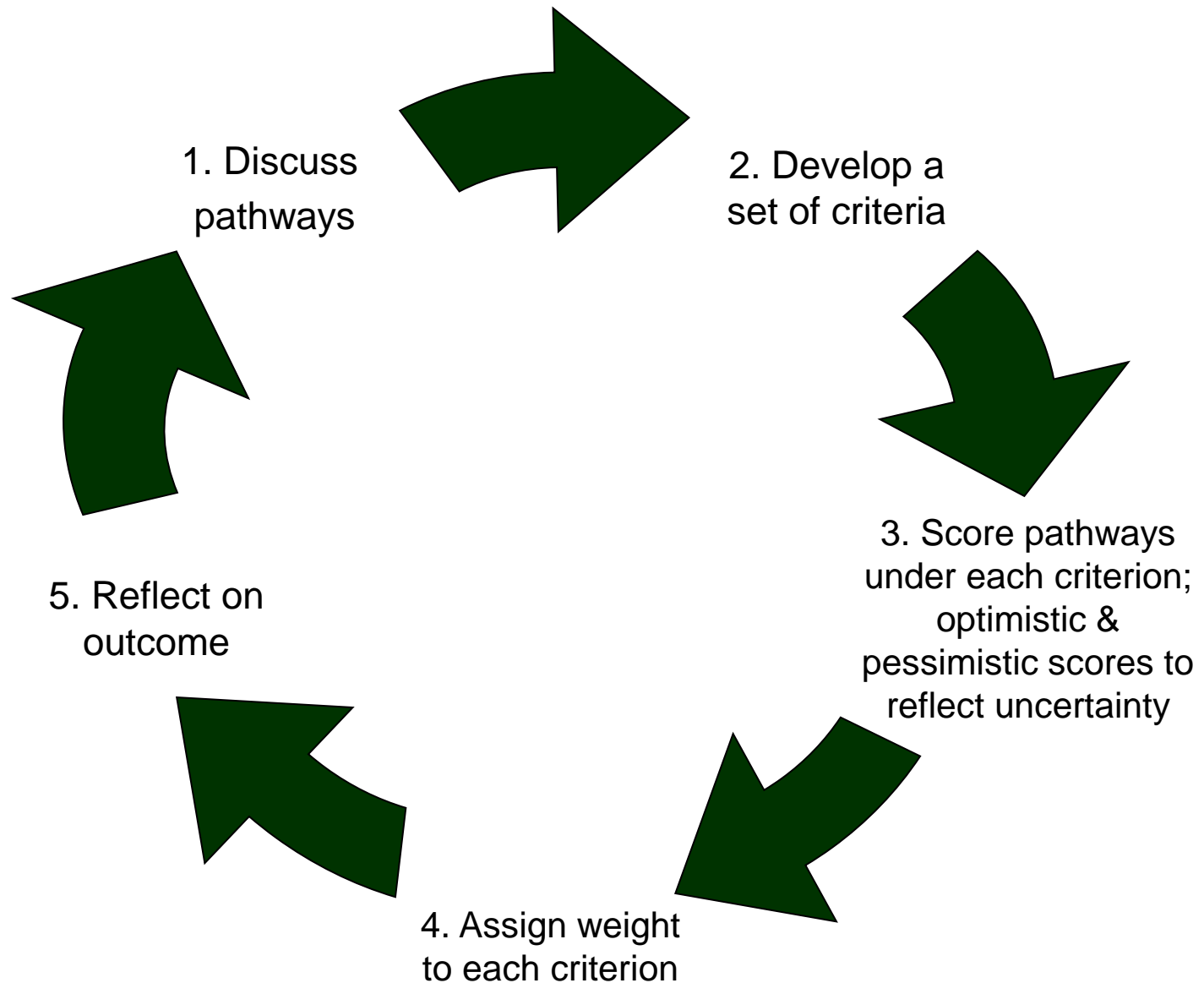


Start with local sociotechnical practices of the poor ...

“Local realities”



Multi-criteria mapping methodology ...



A close-up, low-angle shot of a corn plant against a clear blue sky. The focus is on a single ear of corn in the foreground, which is partially husked, revealing yellow kernels. The husk is green and yellowed with age. In the background, other corn plants are visible, slightly out of focus.

9

pathways

147

criteria



Economic/ market (71)

resource costs
availability and access
market aspects

Stress (43)

water
pest/ disease resistance
agro-ecological

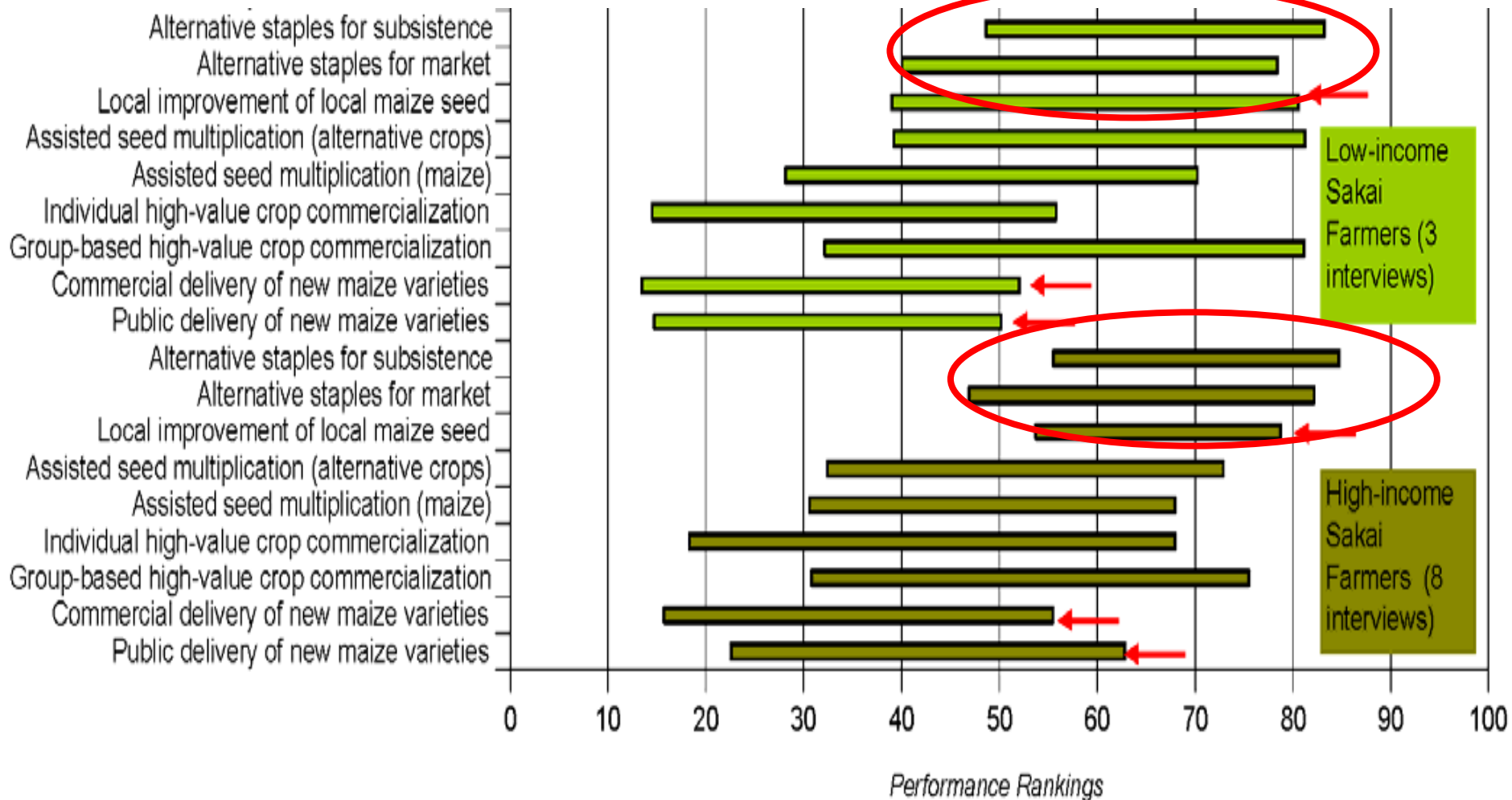
Social, political, cultural (33)

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

A decorative graphic at the bottom of the slide consisting of several thick, overlapping, curved lines in shades of yellow and grey, mirroring the style of the logo.



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<http://www.steps-centre.org>