

LifeLines

Resilient supply chains for sustainable development

May 2024

Sophie Punte

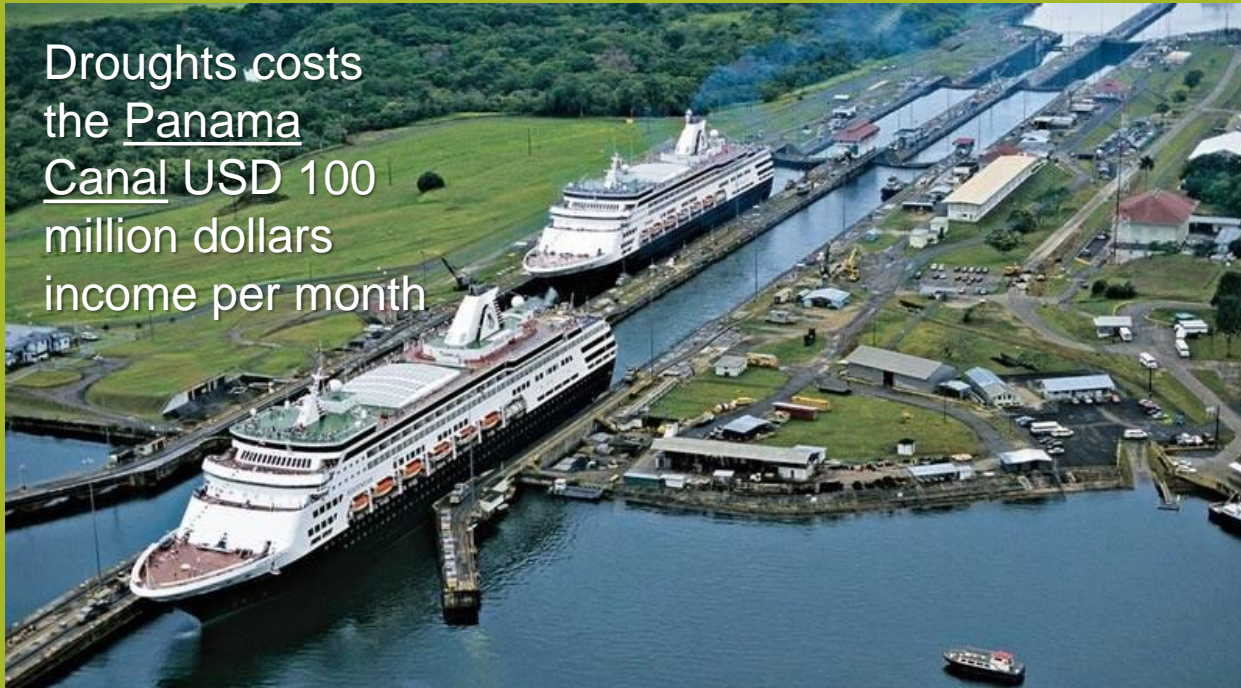
Stefanie Sohm

With the support from



KÜHNE FOUNDATION

Droughts costs the Panama Canal USD 100 million dollars income per month



Damage from Hurricane Maria cost the island of Dominica twice its GDP



SUPPLY CHAINS AND CLIMATE RISKS

Losses in Africa from droughts due to climate change exceed USD 70 billion



Floods in Pakistan cost USD 30 billion



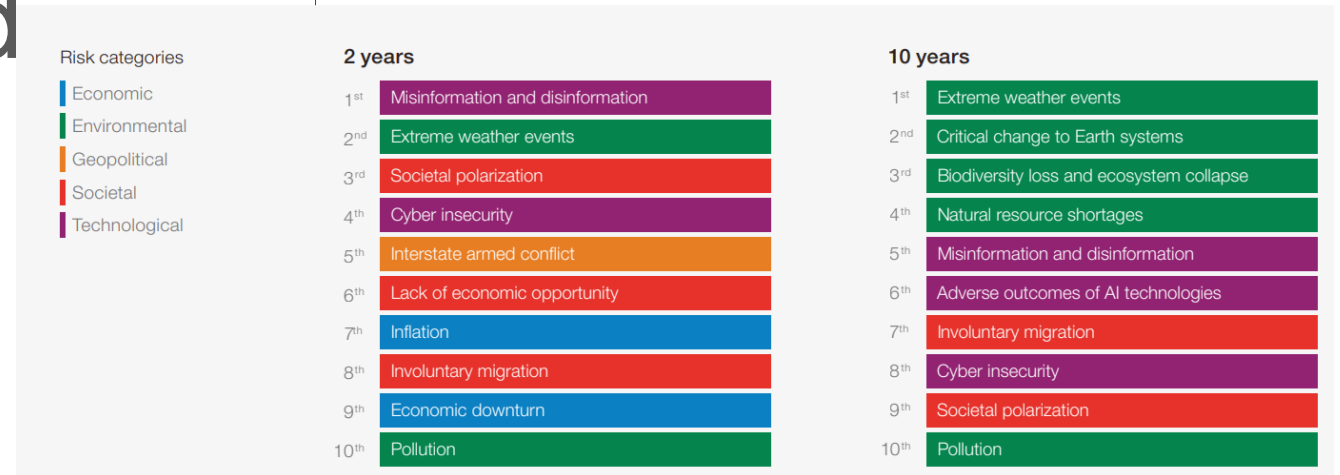
More action is needed

- **WEF Global Risk Survey** ranks climate risk and failure to adapt very high
- **Scope 3 emissions are 75%** of an average company's footprint, yet only **37%** report on all scopes to CDP, and only **21%** have adaptation plans

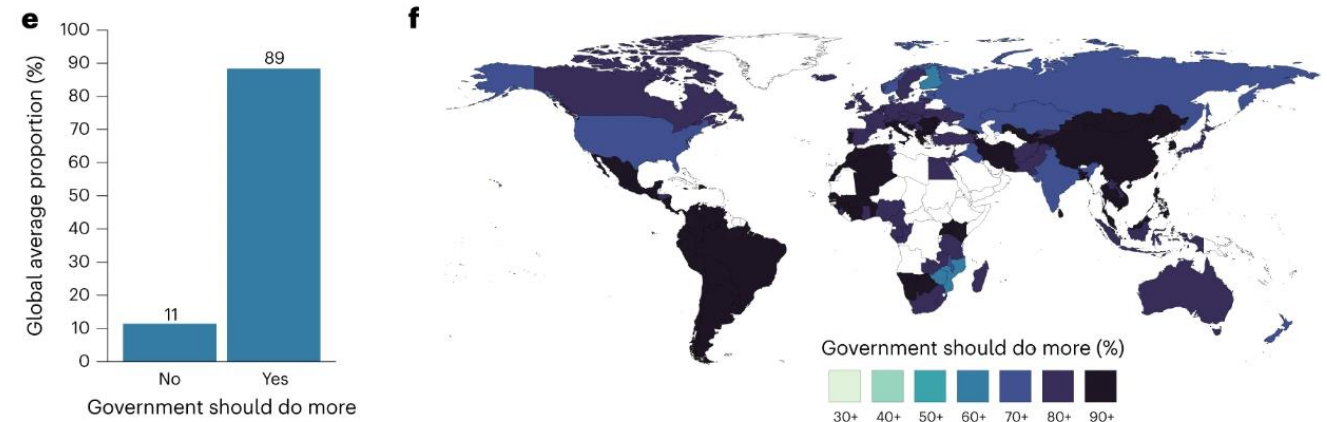
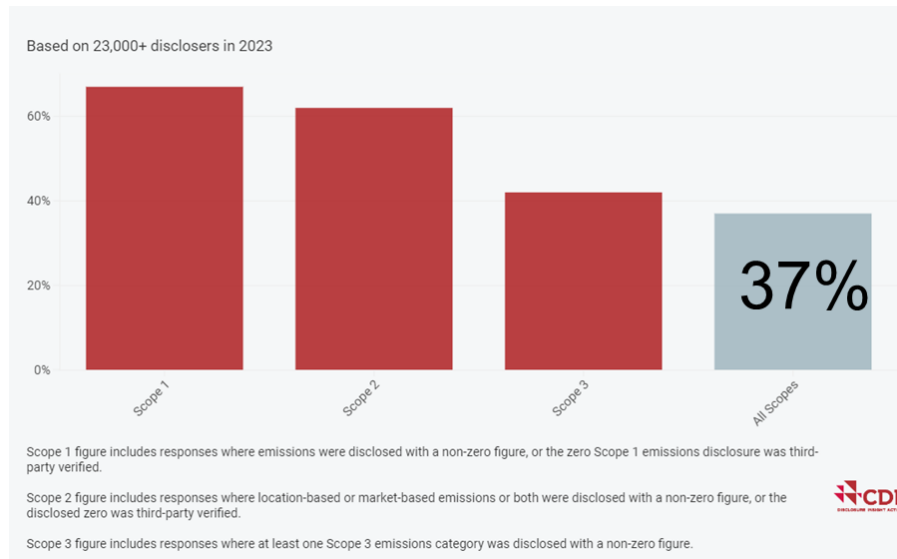
FIGURE C

Global risks ranked by severity over the short and long term

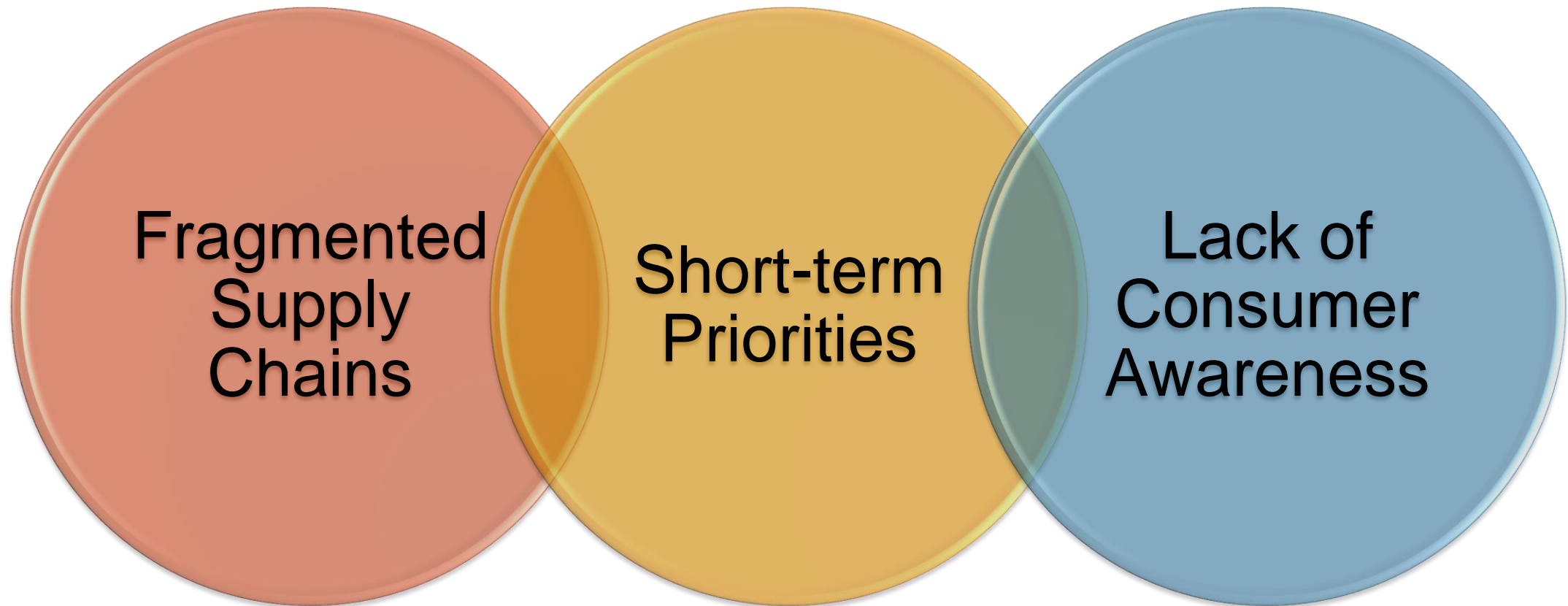
"Please estimate the likely impact (severity) of the following risks over a 2-year and 10-year period."



- **Interviews in 125 countries:** nearly nine out of 10 people want more climate action from government



Market failures at the heart of the challenge



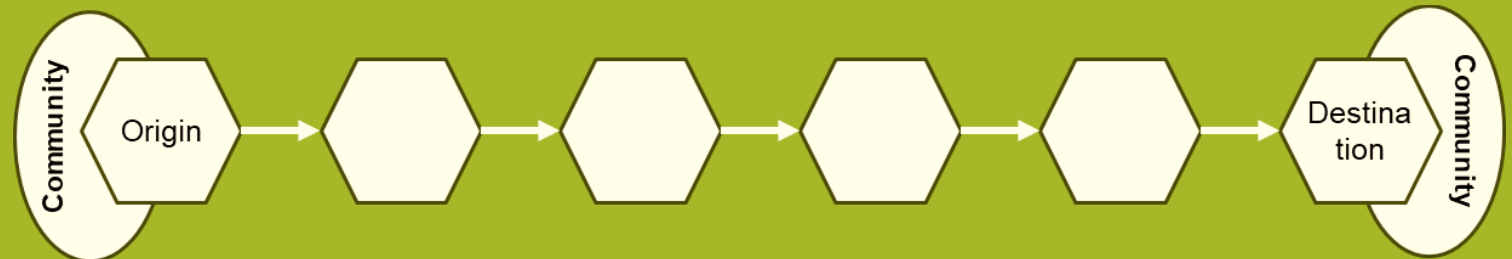
LifeLines

For local communities in the Global South our supply lines are their “lifelines”.

What if we could turn these physical and symbolic connections between suppliers and consumers into a driver of sustainable development?

By leveraging the self-interest of all stakeholders, innovative partnerships create

“LifeLines”



RESILIENT SUPPLY CHAINS

in the face of climate change and other threats

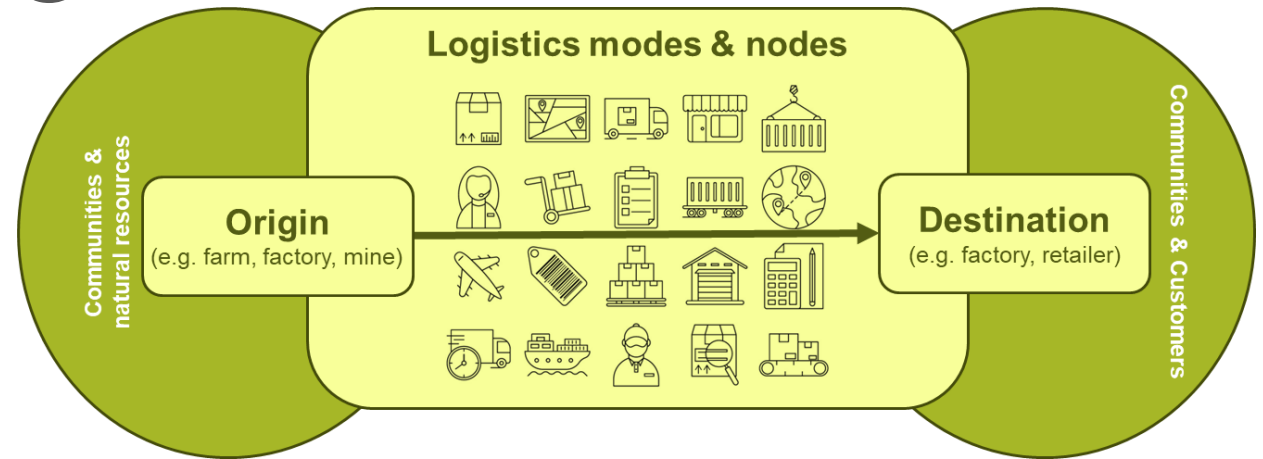
Combined with

- GHG emission reduction and other sustainability benefits
- Mobilized finance to help bridge the annual \$4.5-10 trillion climate finance gap

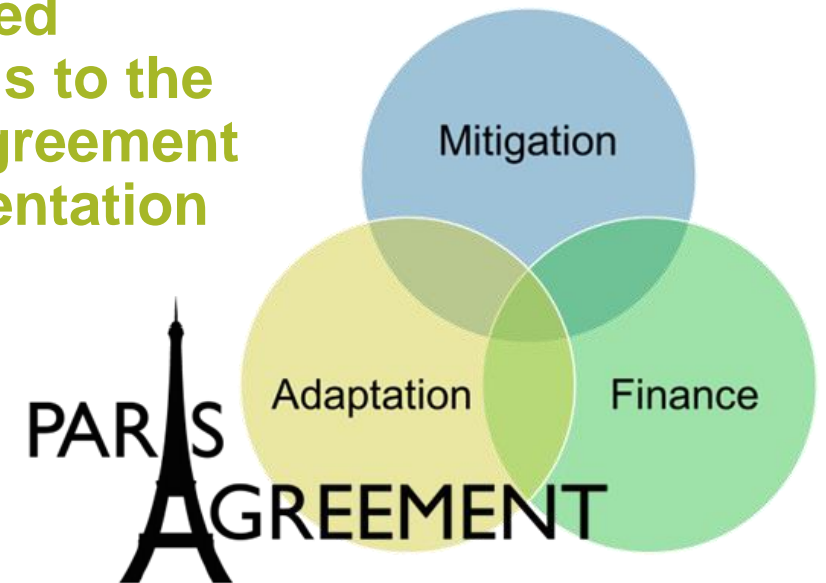
LifeLines scope

- The full supply chain

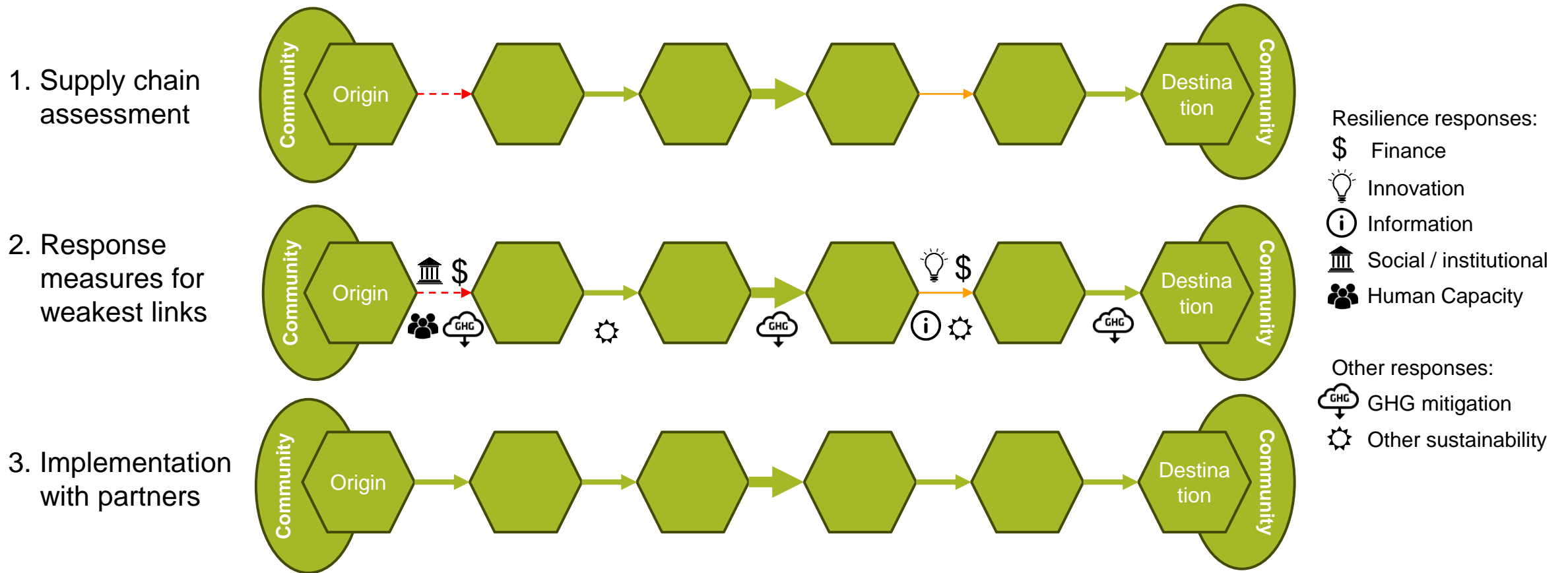
- Four dimensions of climate risks to supply chains



- Integrated solutions to the Paris Agreement implementation

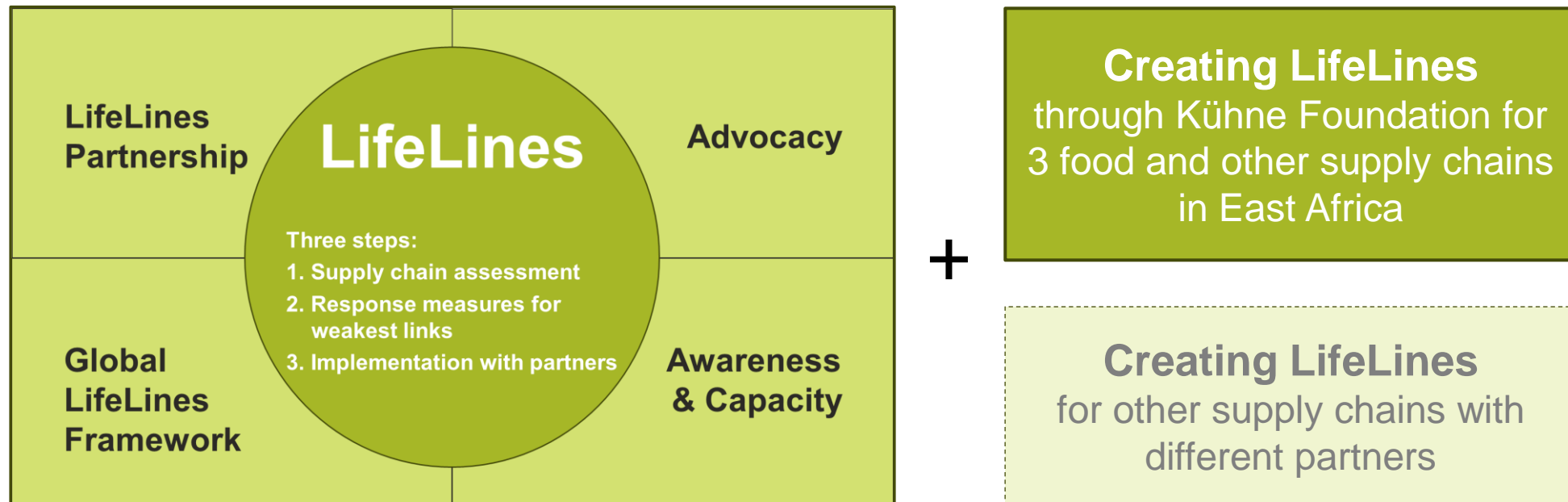


Creating LifeLines: 3 steps

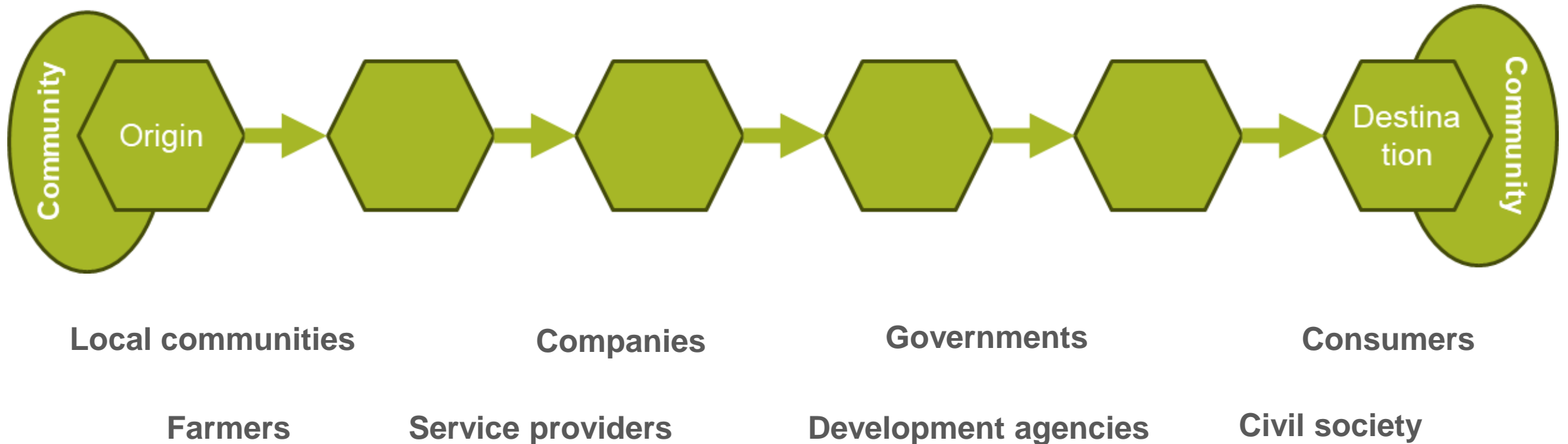


Kickstarting LifeLines

- **Kühne Foundation will provide seed funding for LifeLines as an initiative and to test it in East Africa**



LifeLines: everybody wins



Get in touch!

- **Global LifeLines Framework and creating LifeLines elsewhere**
- **Sophie Punte, Founder LifeLines for resilient supply chains**
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- **Creating LifeLines for East Africa pilot project**
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