



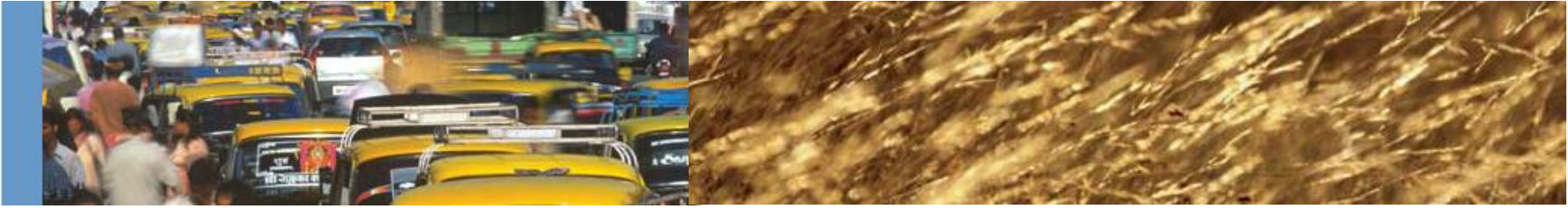
Ecological Footprint Accounting: An Investment Tool for Succeeding in Times of Resource Constraints

Mathis Wackernagel, Ph.D.

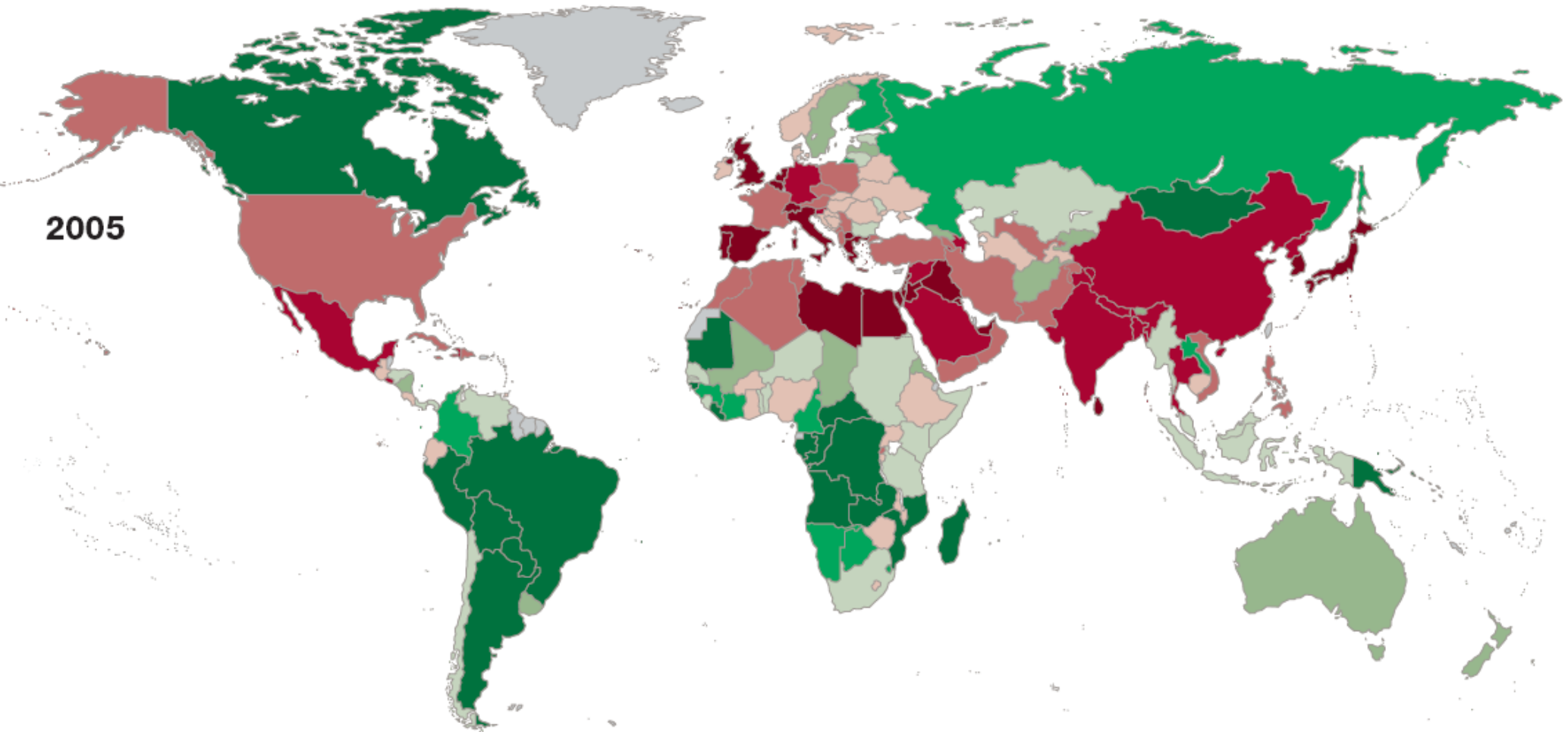
Sustainable Finance Geneva - September 21, 2010

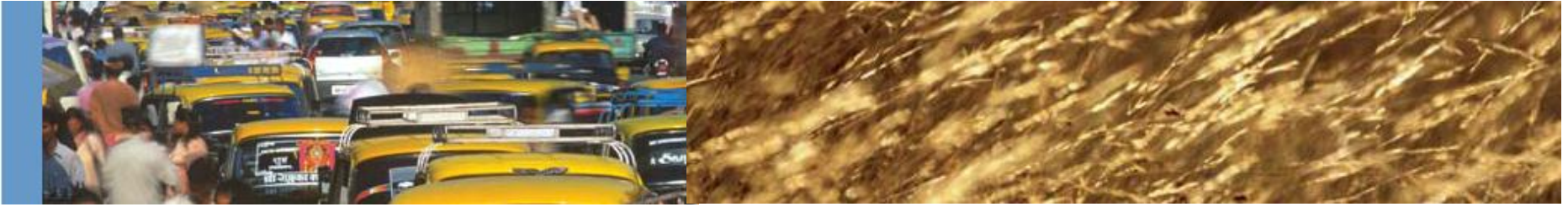


Global Footprint Network
Advancing the Science of Sustainability



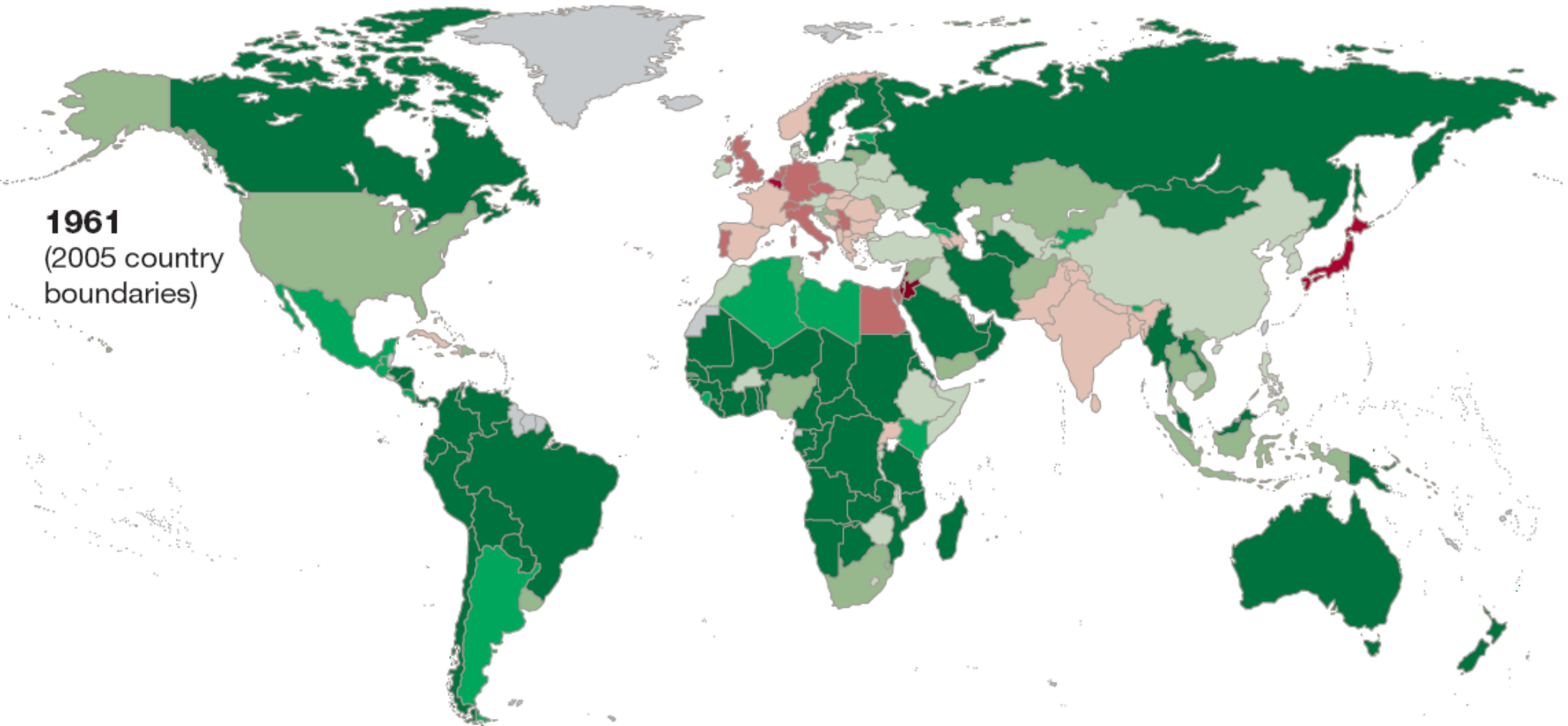
Ecological Creditors and Ecological Debtors



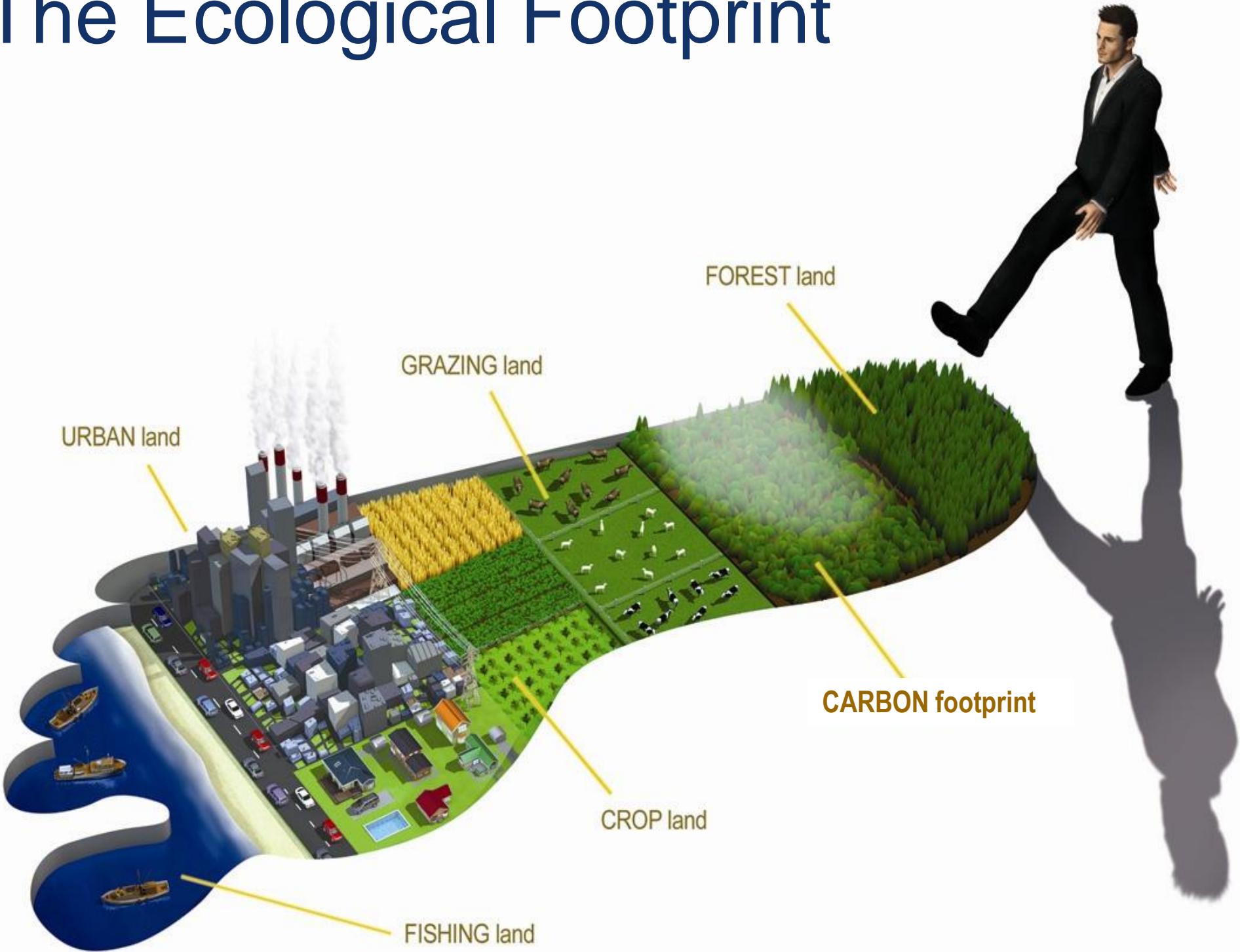


Ecological Creditors and Ecological Debtors

1961
(2005 country boundaries)

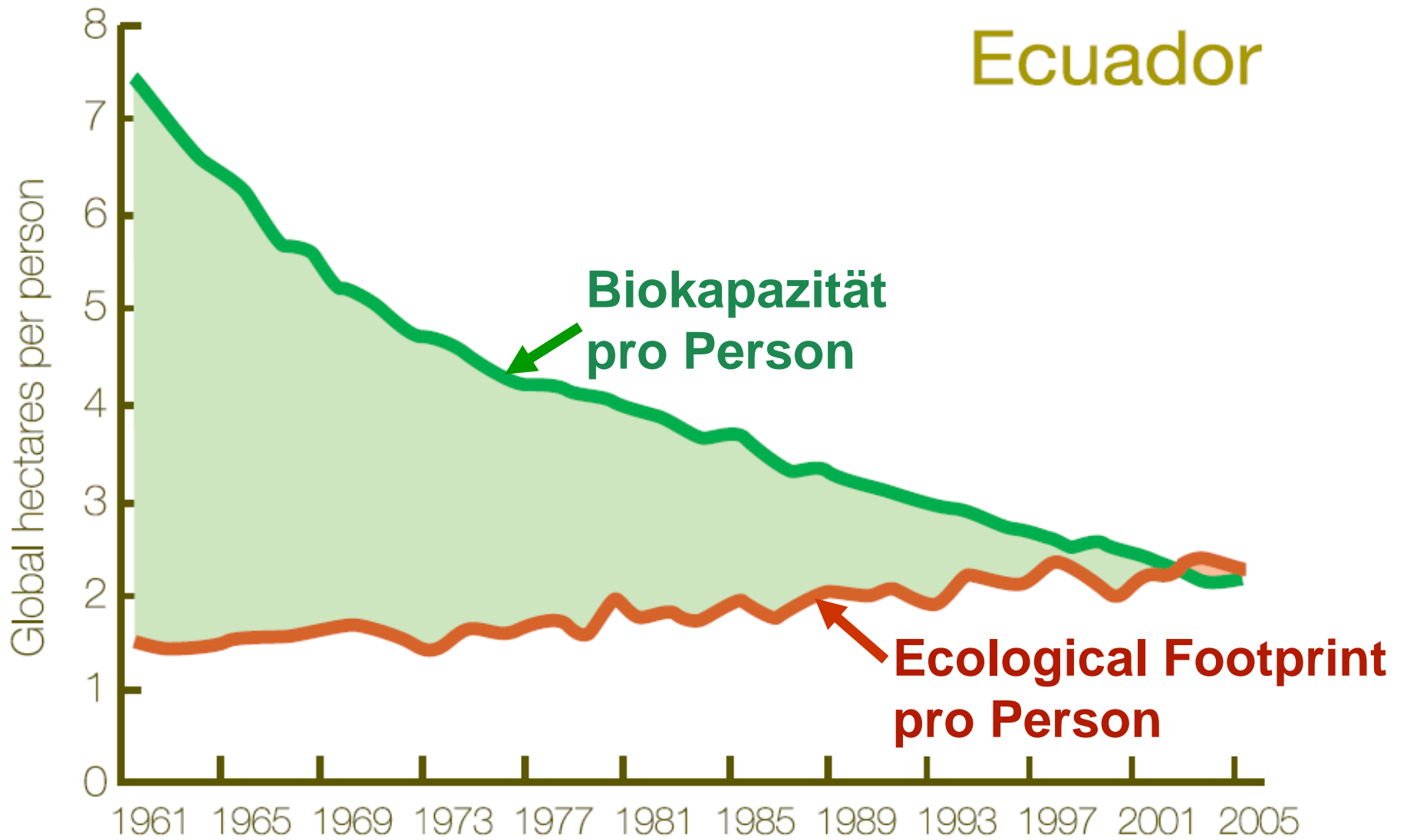


The Ecological Footprint



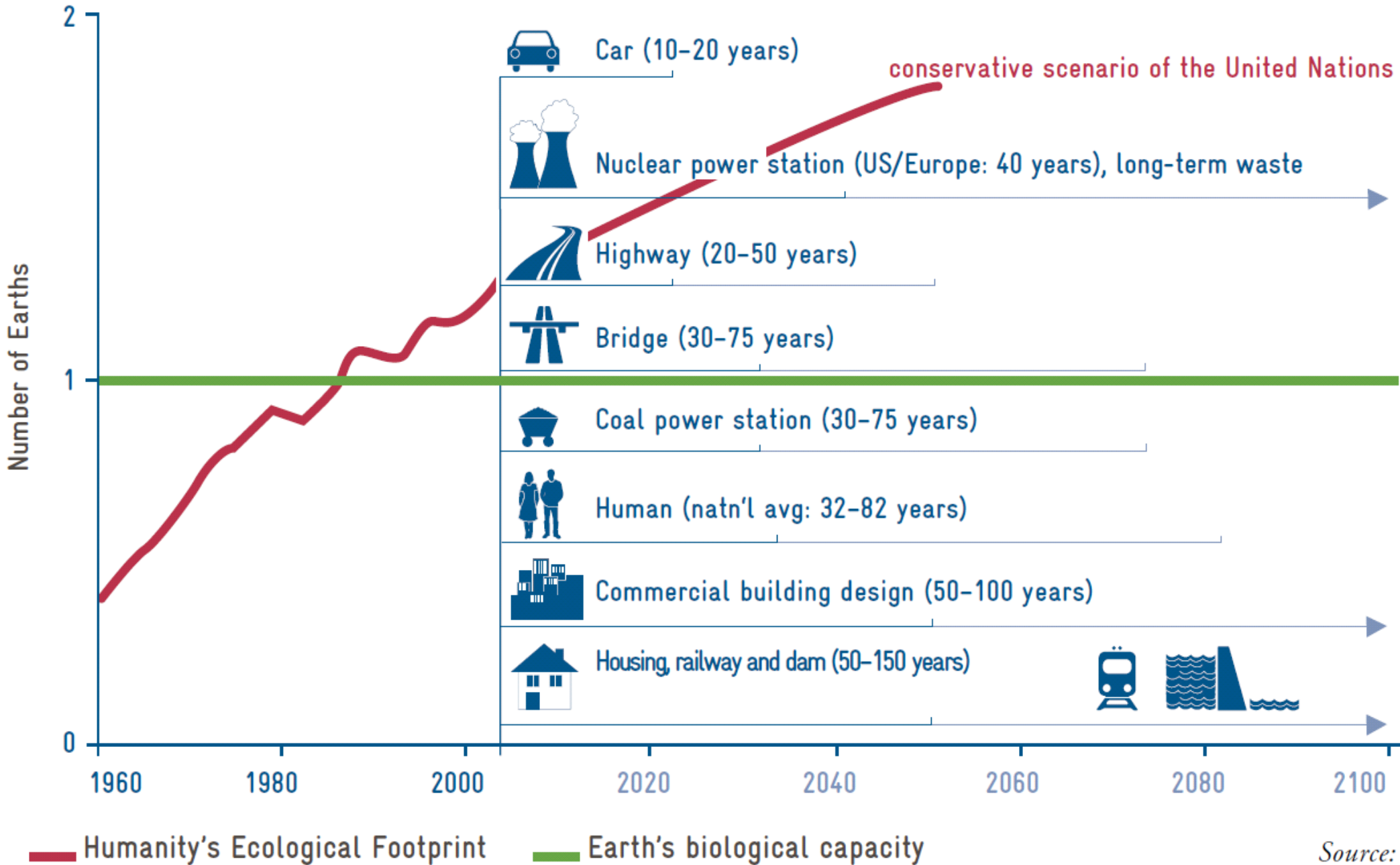


Ecuador

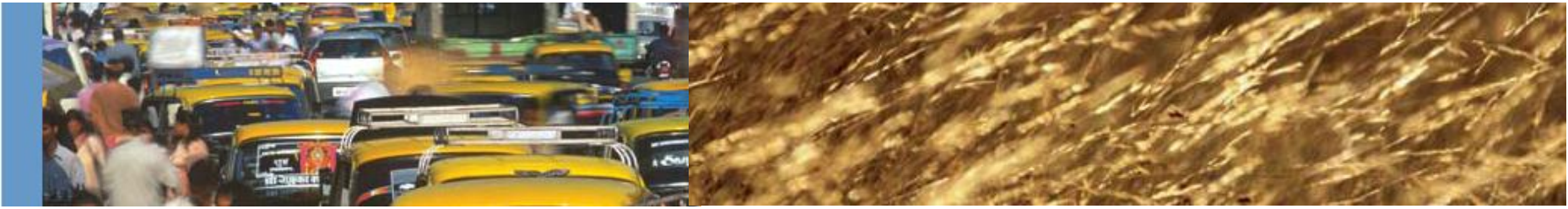




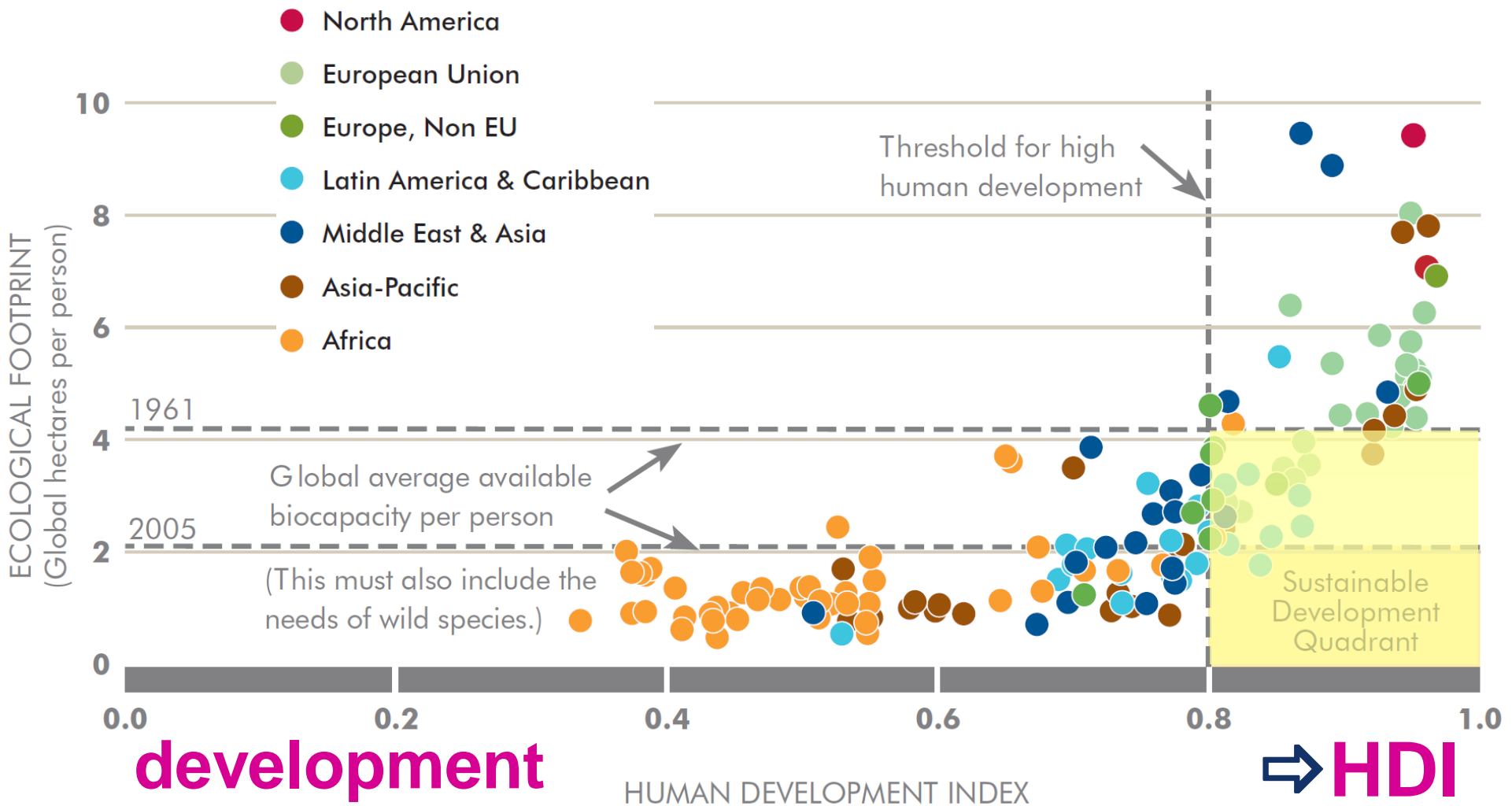
When do we build traps for ourselves and when do we create a safe future?



Source:
Global Footprint Network (2008)



Measuring “sustainable development”



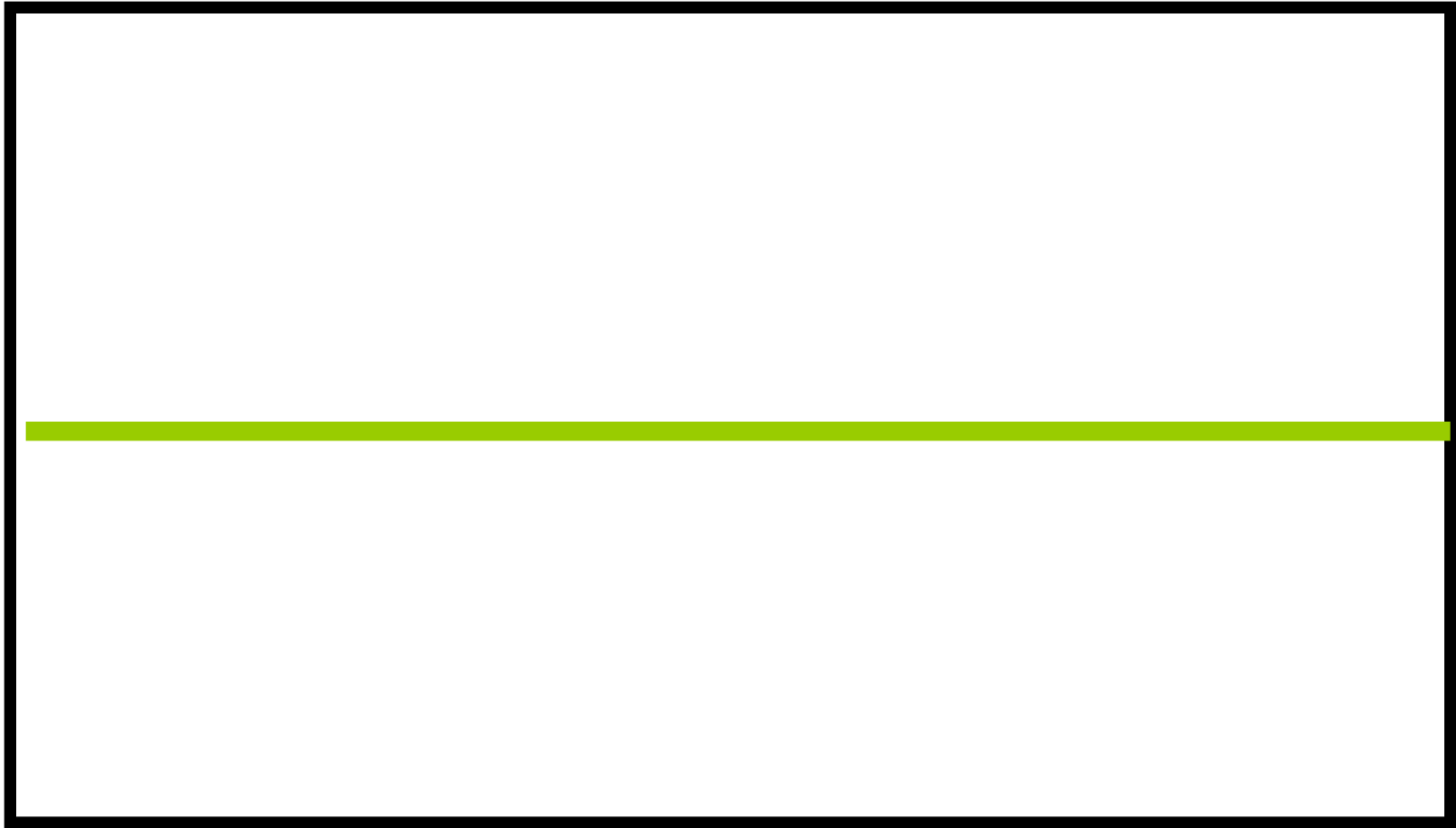
⇒ Sustainable (fits on one planet?)



Footprint/Biocap.



1



HDI



1





Footprint/Biocap.



1

★ **Current position**

Goal

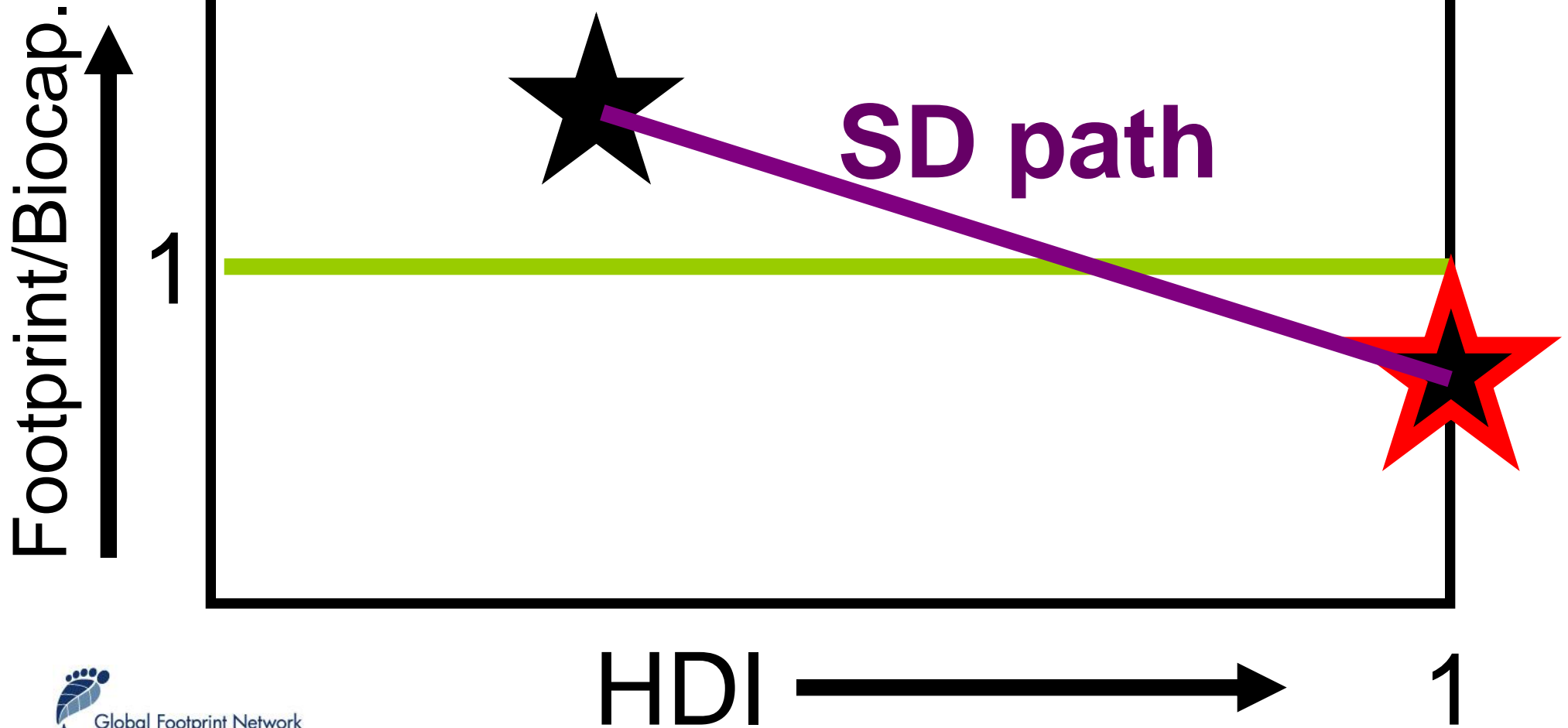


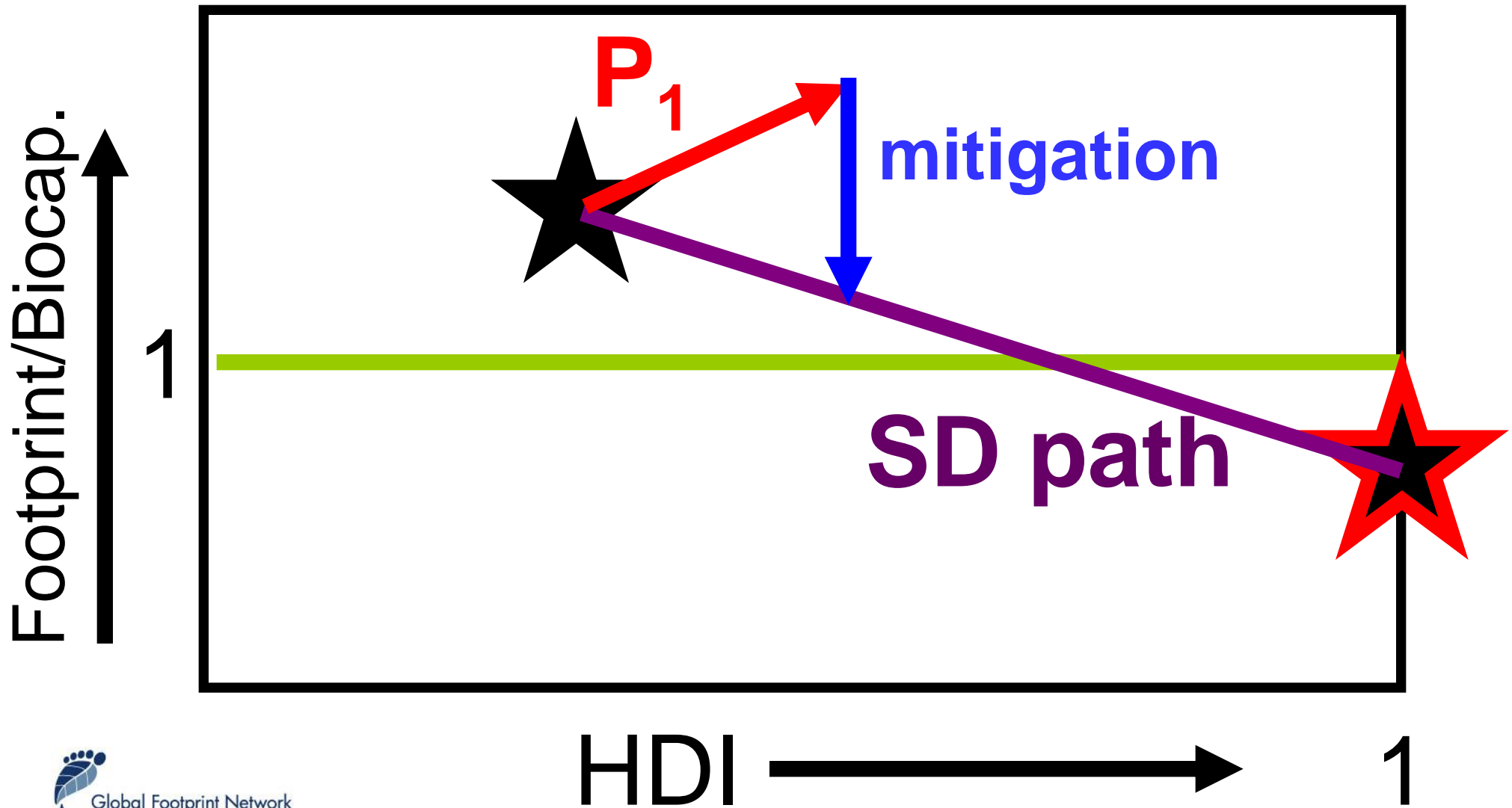
HDI



1





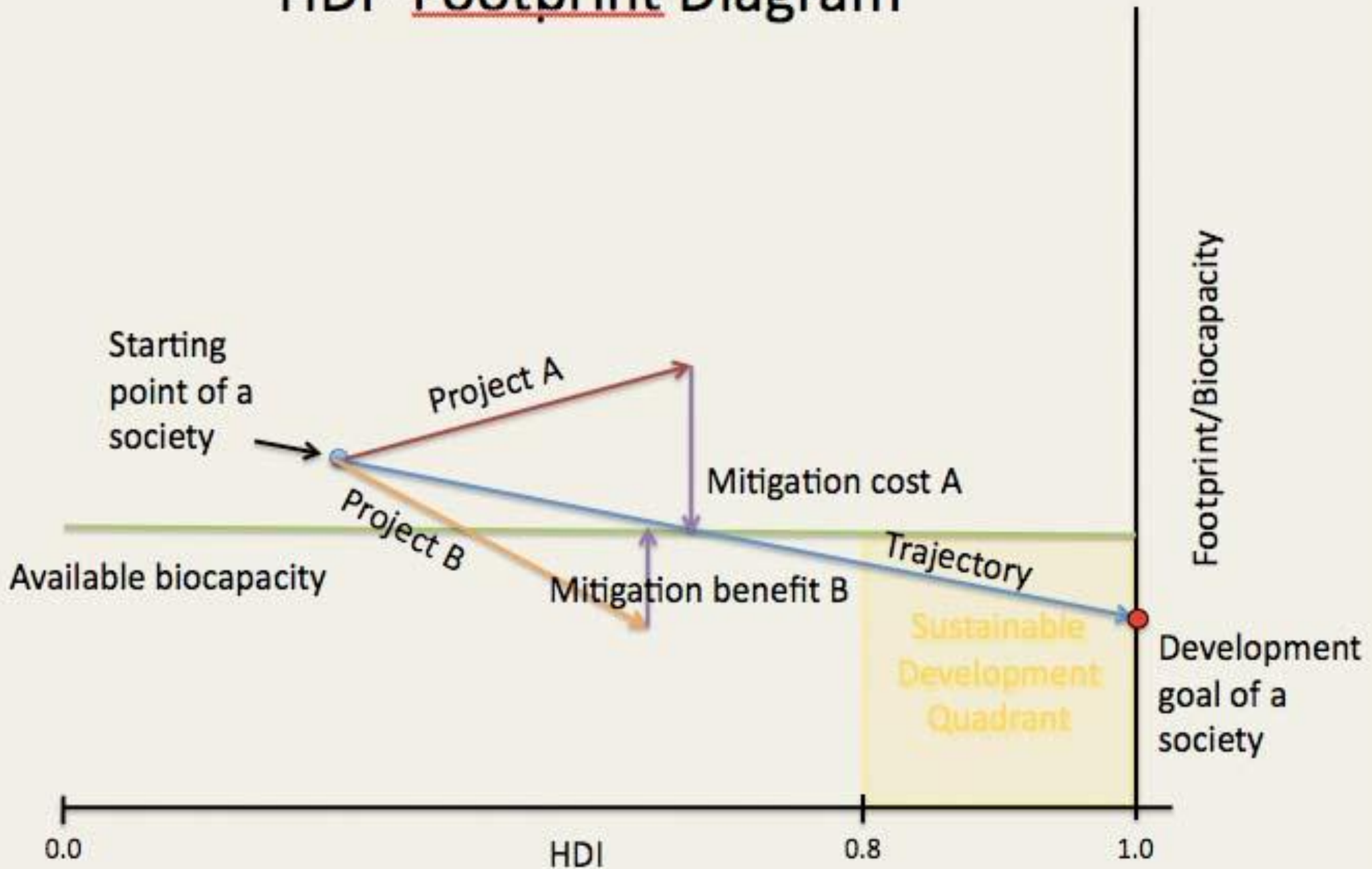


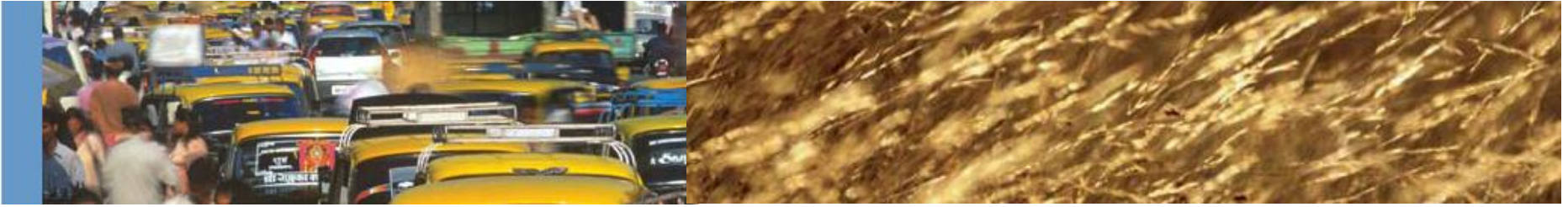


$$\text{SDROI} = \frac{\Delta \text{HDI} * p}{\text{Inv} + \text{Mit}}$$



HDI- Footprint Diagram





Summary

- The planet has limits. It becomes critical to know **how much biocapacity you have?** and **how much you use?**
- Blindness brings risks and costs lives – and misses opportunities.
- Why this matters for economic stability and competitiveness

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