



Building a TEEB-Ag-Food Valuation Framework

Pavan Sukhdev

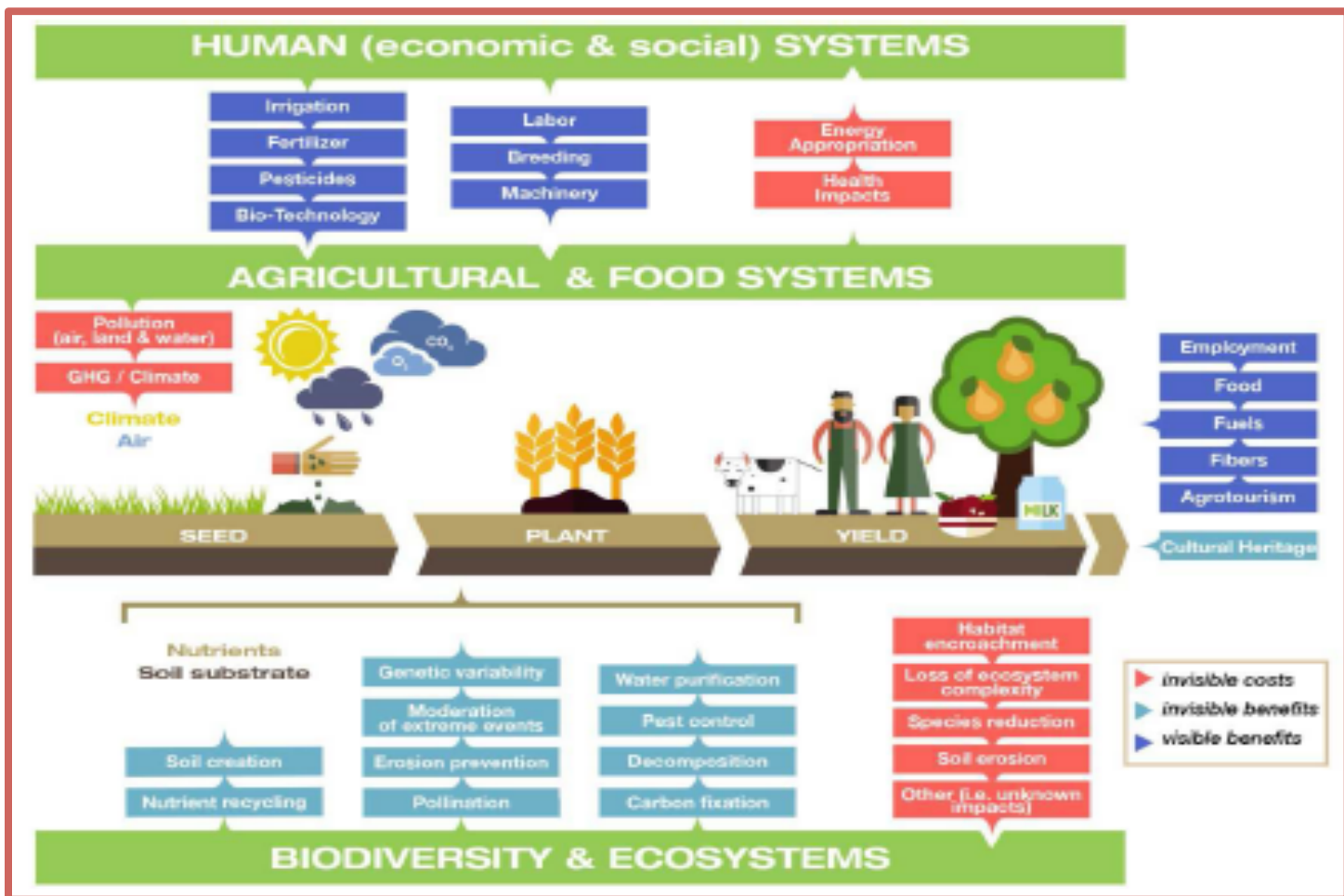
UNEP Goodwill Ambassador
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What are the Inputs & Outputs of Agriculture?



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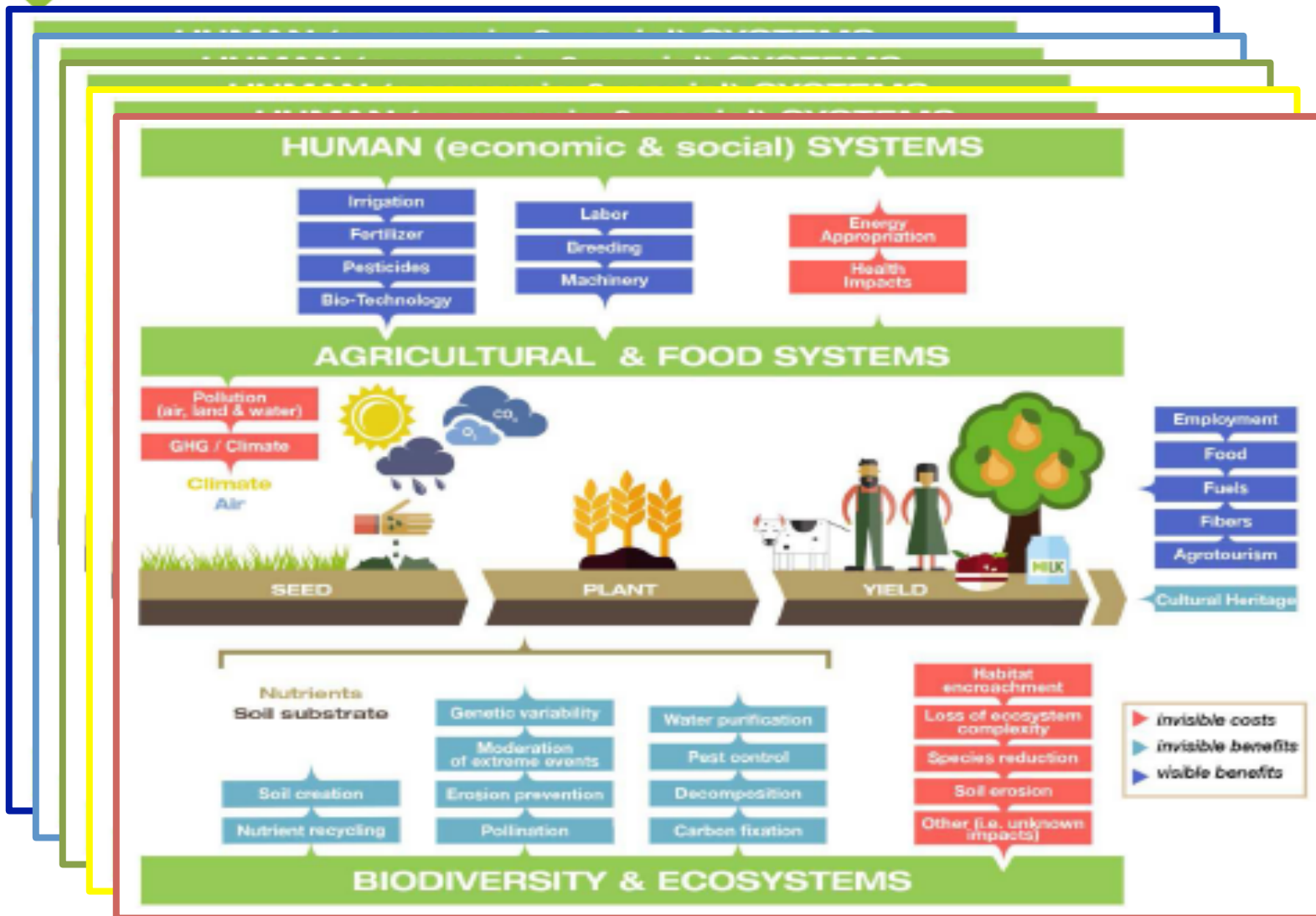




What is the “Eco-Agri-Food Systems Complex”?



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“Valuation Approaches” vs “Valuation Framework”

(i) Business Analysis

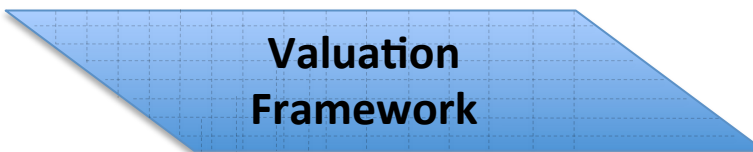
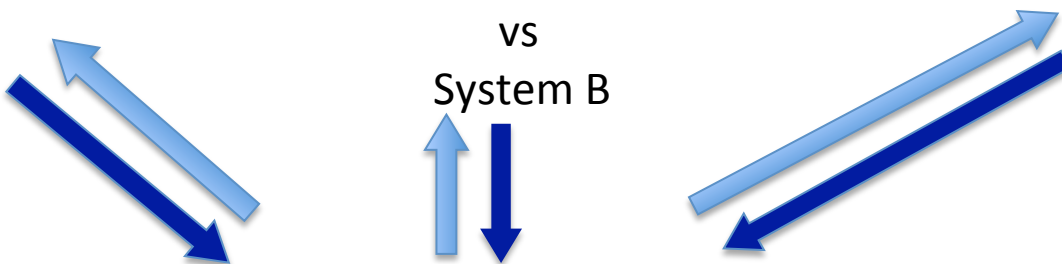
Product X
VS
Product Y

(ii) Typology Comparison

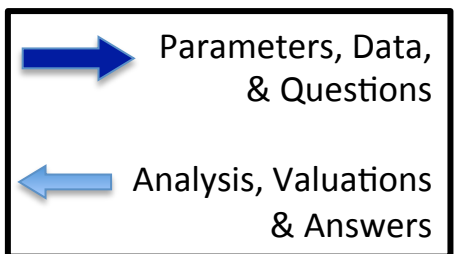
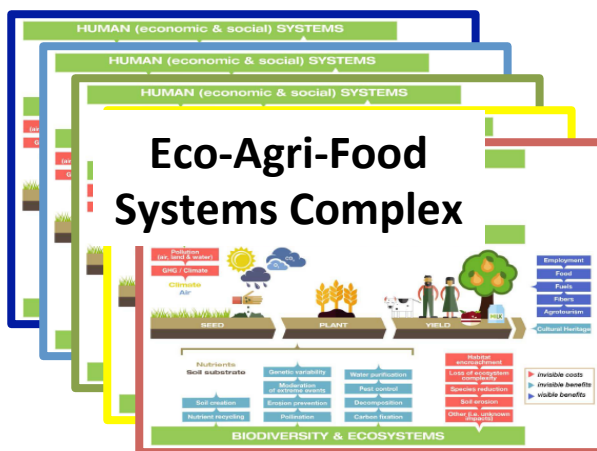
System A
VS
System B

(iii) Policy Evaluation

Policy Scenario 1
VS
Policy Scenario 2



Valuation Framework





Valuation Framework

Principles

- Holistic View of “Agriculture”
- Anthropocentric Perspective
- Indicators of Value

Components

- Accounted Values (GDP components)
- Unaccounted Values (Externalities)
- Typology of Systems & Practises
- Value Chain Boundaries
- Scope of Evaluation



Valuation Framework – Visibles, Externalities, and Value Chain Boundaries

“VALUE- ADDITION”	Production			Processing & Distribution			Consumption	
Visibles & EXTERNALITIES	Natural Land-scape	Infra & Mfg	Farm	Whole -sale	F&B	Retail	Industry/ Household/ Hospitality	Waste Mngmt
Visibles (Profits, Wages, Taxes net of Subsidies, etc)								
Provisioning (Materials, Energy, etc)								
Regulating (Soil, Water, etc)								
Cultural (lifestyle, heritage...)								
Health (Accidents, Diseases, Antibiotic Resistance, etc)								
Pollution (Nitrates, Pesticides, Heavy metals, etc)								
Climate (CO ₂ ; CH ₄ ; etc)								



Thank You !

And

Over to YOU!

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