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Regenerative Value Systems – Model(s) illustrating flows and transformations of value within production systems

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Regenerative Value Systems

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1) Nature's Systems

2) Modern Value Chains – and How We Got Here...

3) Regenerative Value Systems



1 | Nature's Systems



Nature's Systems



“So you see, urea is waste for us and wasting it loses valuable water and energy. But if we and other animals did not pee and breathed out nitrogen instead, there might be fewer plants and later we would be hungry. How on Earth did we evolve to be so altruistic and have such enlightened self interest? Perhaps there is wisdom in the workings of Gaia and the way she interprets the selfish gene.”

James Lovelock ^[1] Bold type added



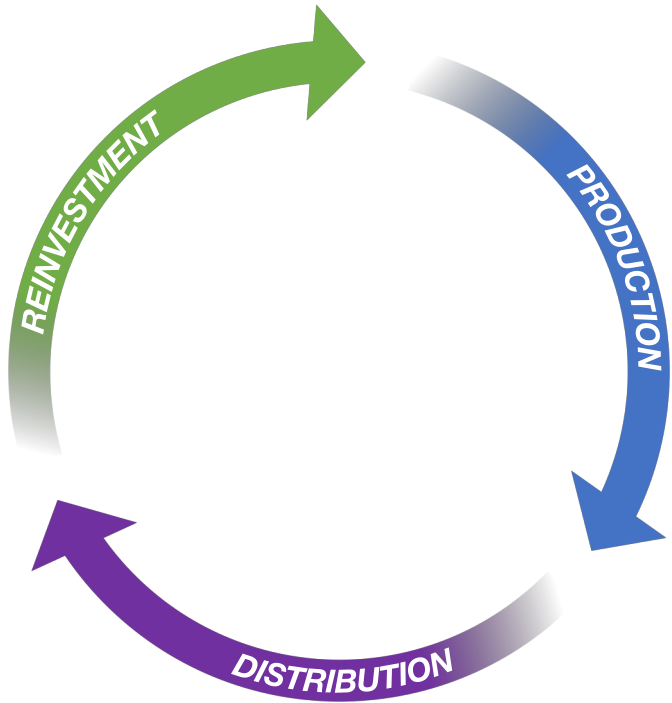
2 | Modern Value Chains – and How We Got Here...



Modern Value Chains

*“**Value** can be defined in different ways, but at its heart it **is production of new goods and services.**” [2]*

*...and **what** is done with the **earnings** that are created from their production (**reinvestment**)...*



*“**How these outputs are produced** (**production**),*

*...**how** they are **shared** across the **economy** (**distribution**)...*

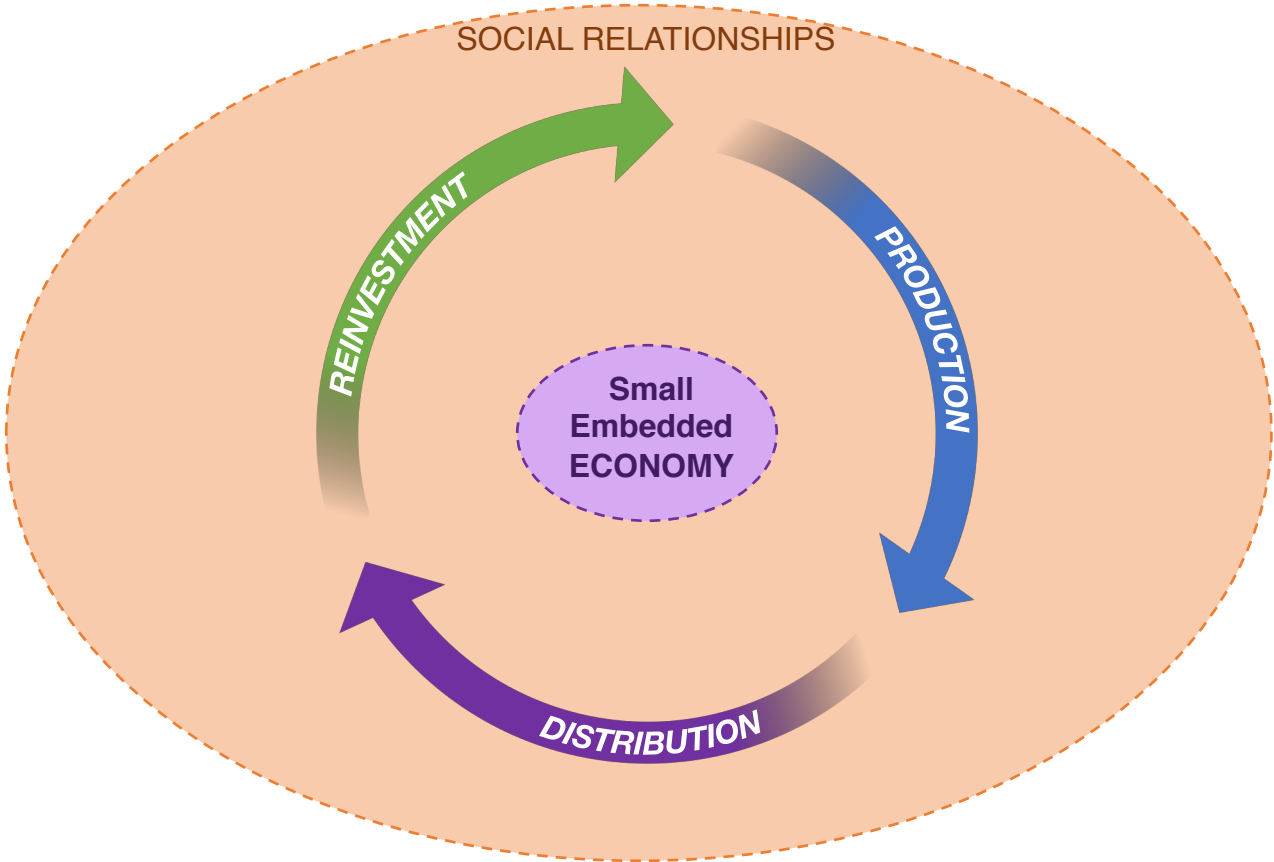
*are key questions in defining economic value.” [2] **bold and coloured type added***

[2] Mazzucato, Mariana (2018) ‘The Value of Everything: Making and Taking in the Global Economy.’ Allen Lane, Penguin Random House Group, UK



Karl Polanyi's Traditional and Command Societies [3]

Hunter-gatherer tribal society example

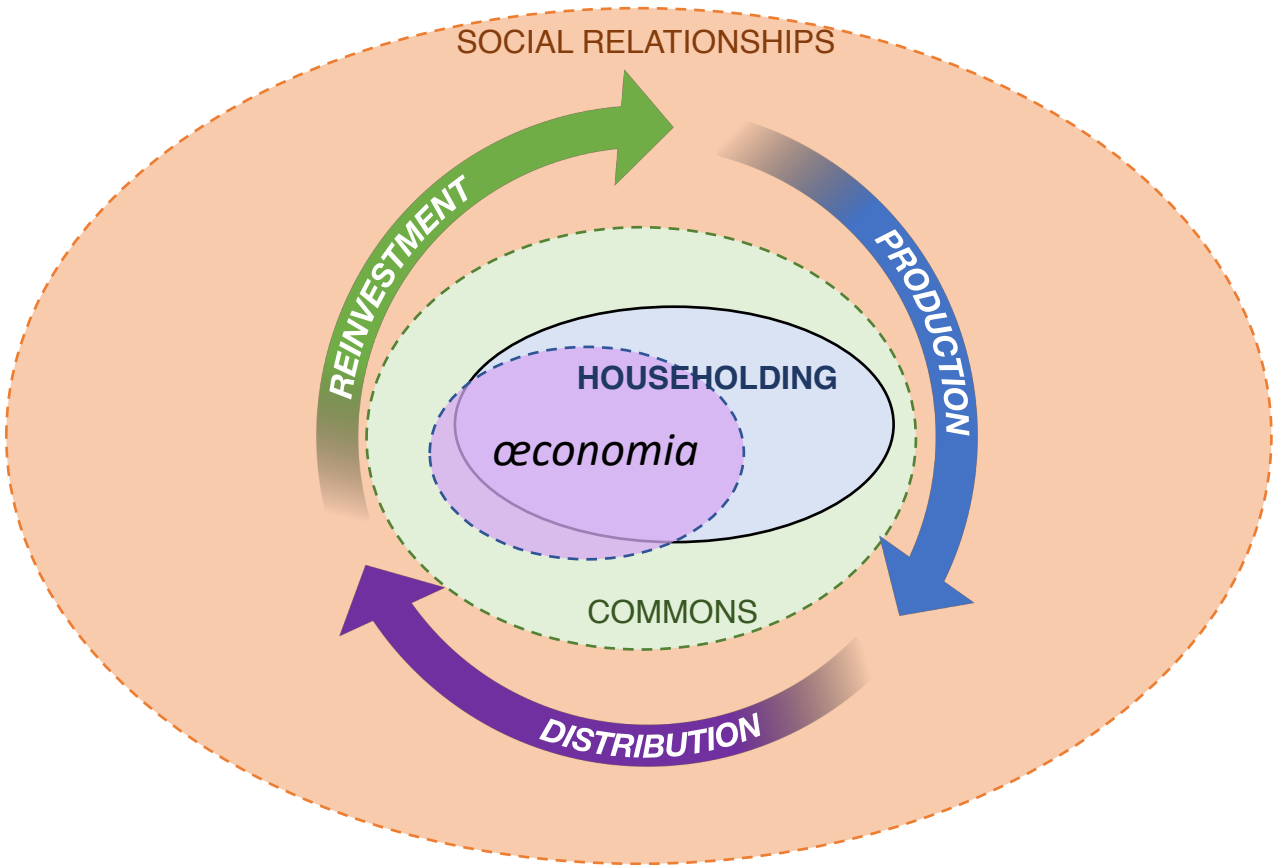


[3] Polanyi, Karl (1944, 1957, 2001) 'The Great Transformation: The political and economic origins of our time.' Beacon Press, 25 Beacon Street, Boston, Massachusetts 02108-2892, U.S.A



Karl Polanyi's Traditional and Command Societies [3]

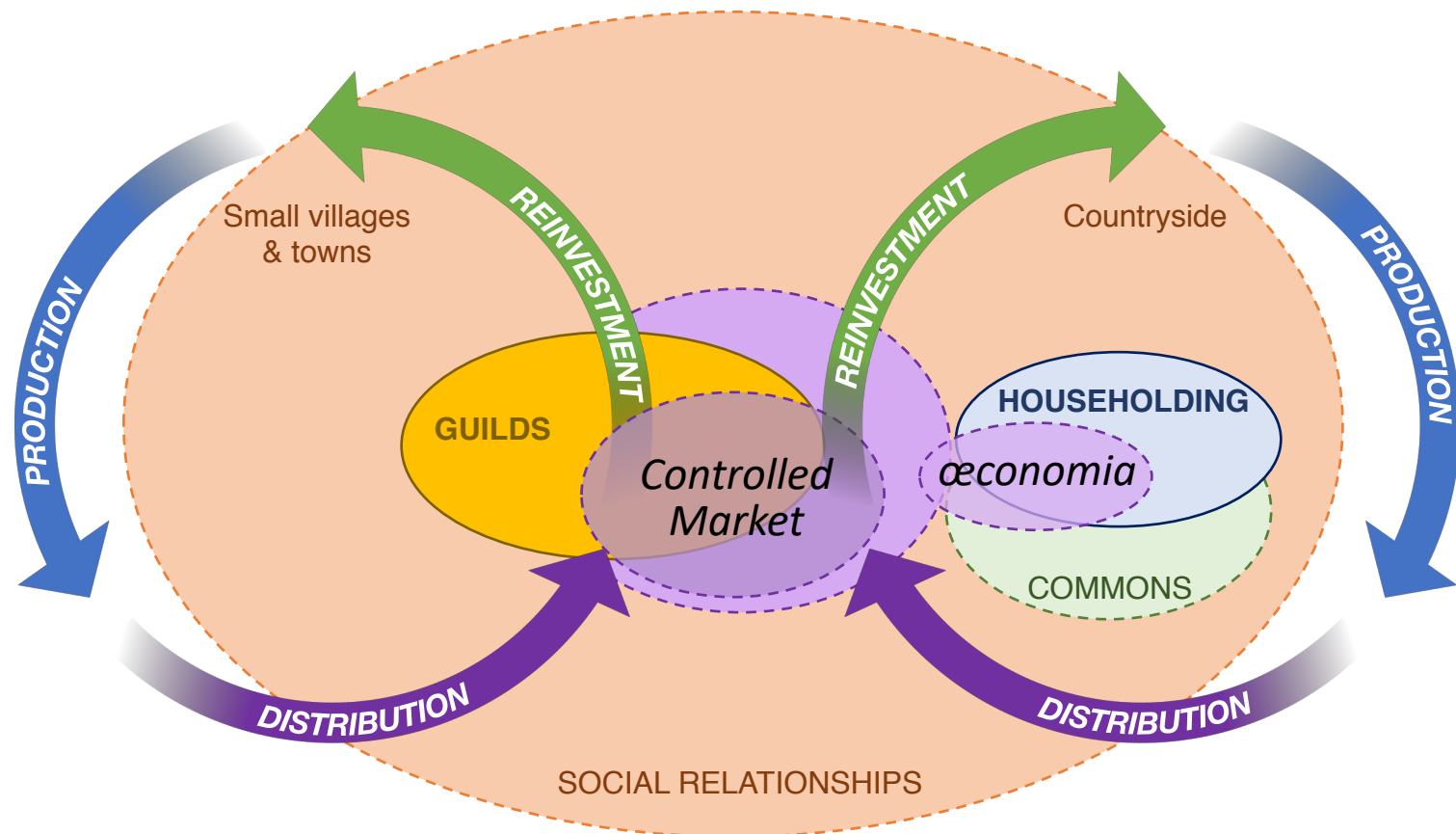
Peasant farming societies example



[3] Polanyi, Karl (1944, 1957, 2001) 'The Great Transformation: The political and economic origins of our time.' Beacon Press, 25 Beacon Street, Boston, Massachusetts 02108-2892, U.S.A

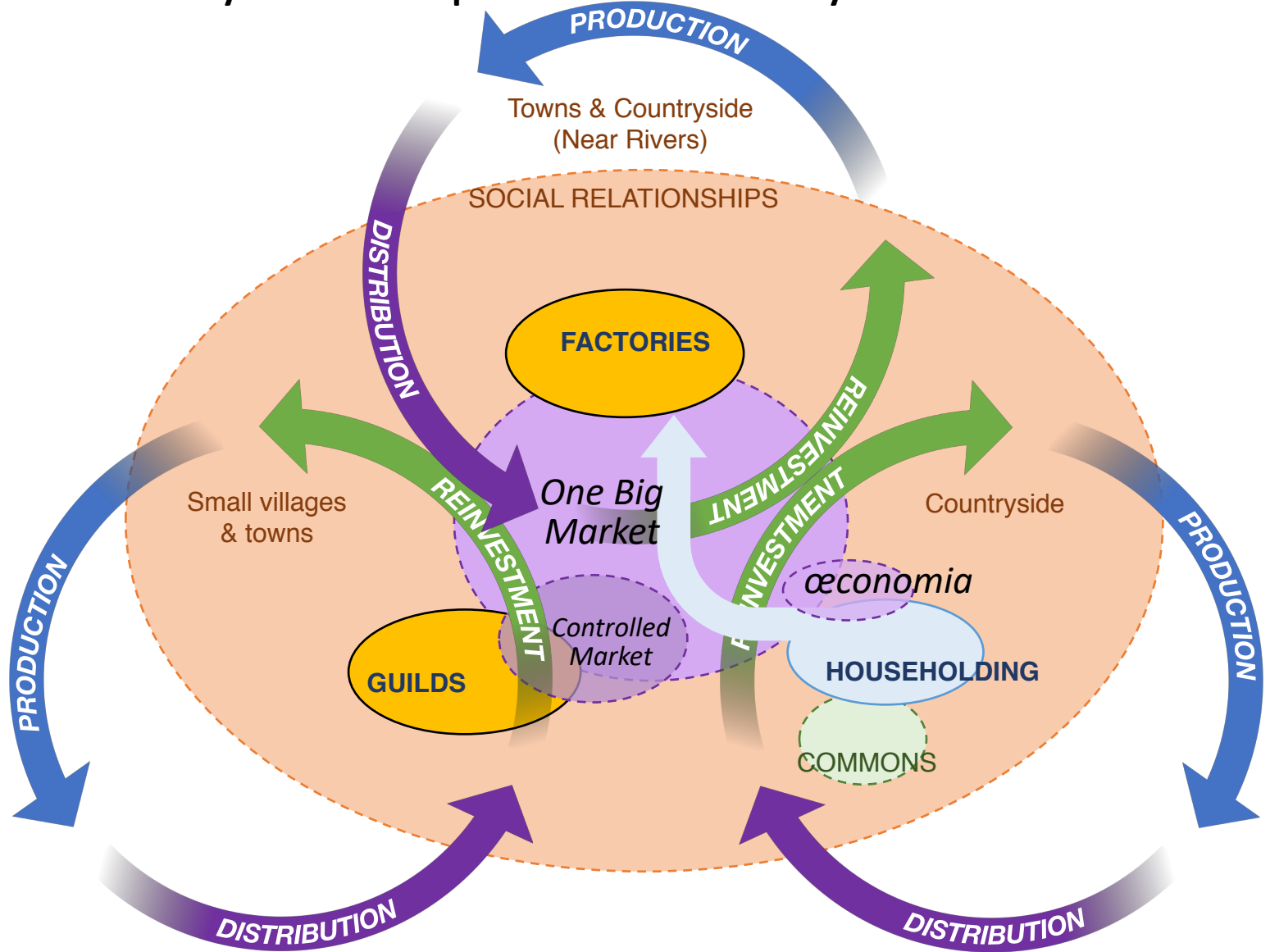


Shifts to Capitalism and Markets





Shift to Early Industrial Capitalism and the Factory : 1st Industrial Revolution

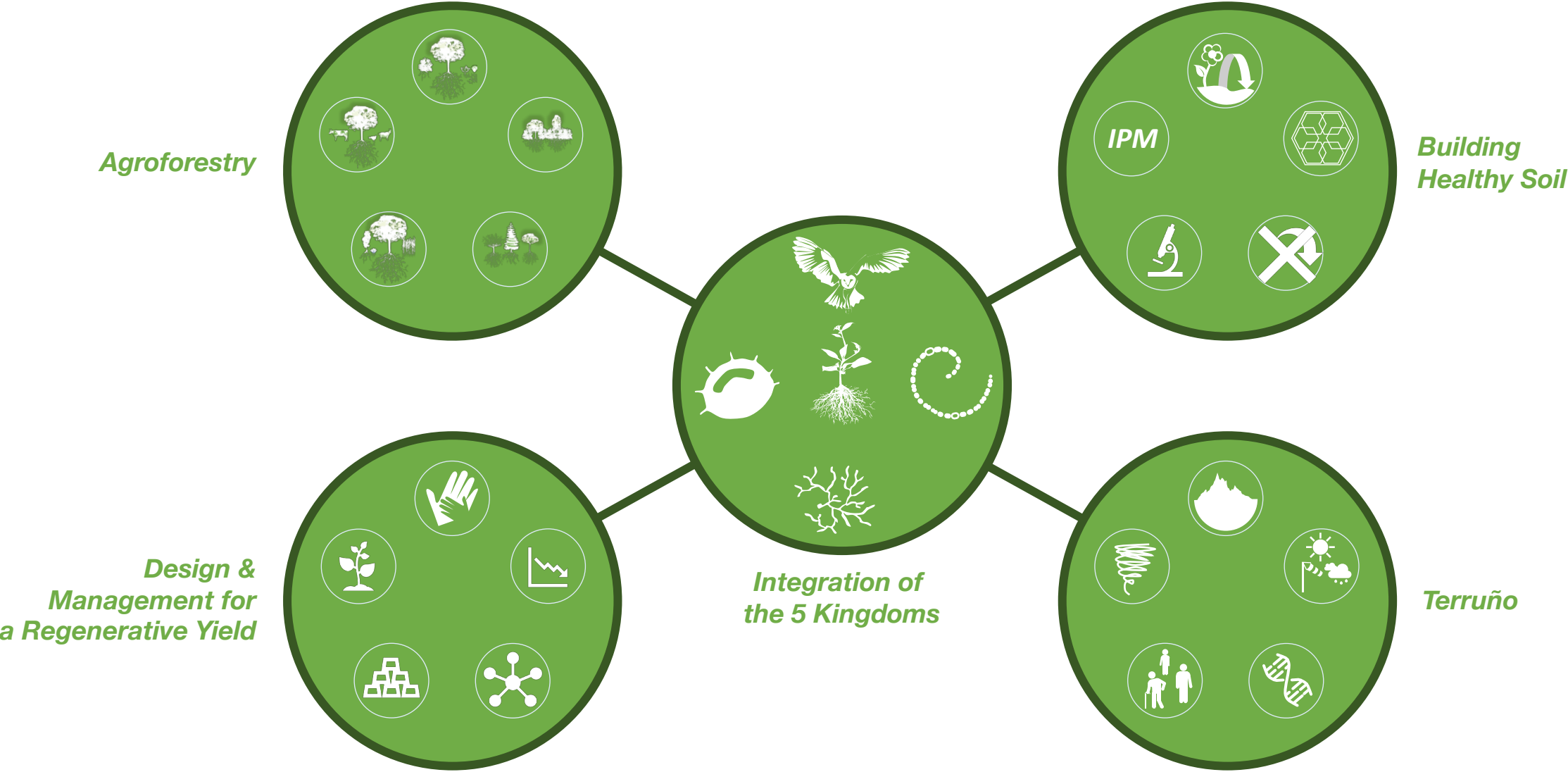




3 | Regenerative Value Systems



Regenerative Materials : Land Based Example





Holistic Principles



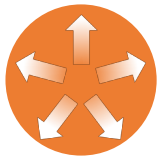
Story of Place®



Holistic Systems Sciences



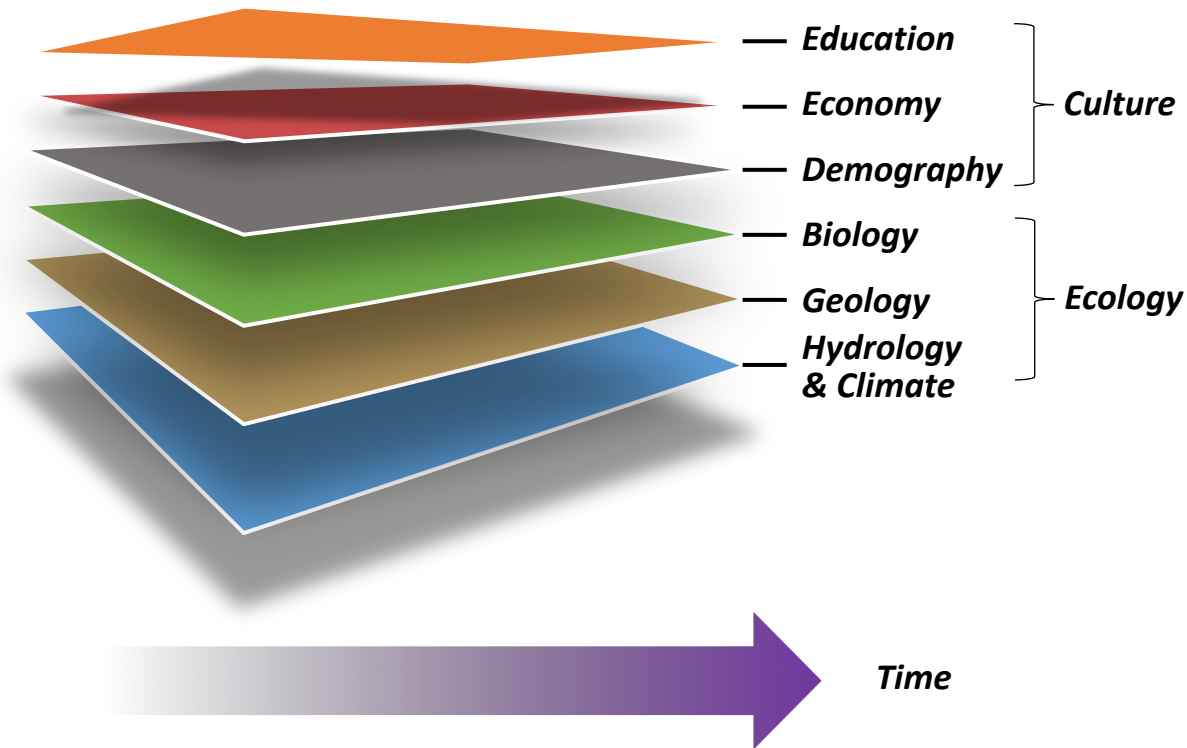
Provisioning Systems



Holistic Context



Holistic Principles : Story of Place®



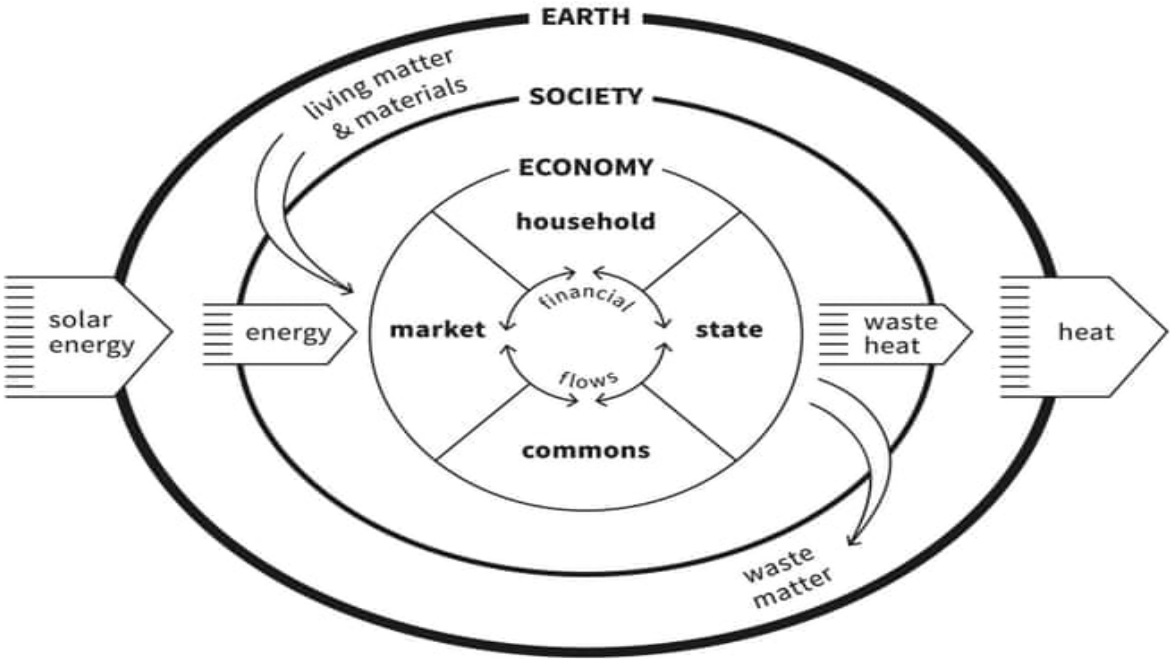


Holistic Principles : Holistic Systems Sciences





Holistic Principles : Provisioning Systems





Thanks for your attention