









From Strat Planning To Systemic Design		
	Traditional Strategic Planning	Systemic Design
	One answer	Multiple Related Answers
1	Finding Problems/Solutions	Finding Meaning, Root Causes, and Insights
	Analysis	Analysis + Synthesis
	Simplifying for Understanding	Embracing Complexity for Shared Understanding
		[CoLab 2016]









































Birds of a feather flock together

There is no single bird managing the flock — no central command and control. There is instead continual reorganising based on feedback from the environment and a few simple rules.

The simple rules guiding flocking behaviour in birds are:

- 1. Collision Avoidance: Avoid collisions with nearby flock mates;
- 2. Velocity Matching: Match speed with nearby flock mates; and
- 3. Flock Centering: Attempt to stay close to nearby flock mates.

Reynolds, C. W. (1987). *Flocks, Herds, and Schools: A Distributed Behavioral Model*. Published in *Computer Graphics*, 21(4), July, pp. 25-34.





"...dividing the cow in half does not give you two smaller cows. You may end up with a lot of hamburger, but the essential nature of "cow" — a living system capable, among other things, of turning grass into milk — then would be lost. This is what we mean when we say a system functions as a "whole". Its behavior depends on its entire structure and not just on adding up the behavior of its different pieces." — Kauffman, 1980, p2



4. Resilience

 Resilience is the ability of a system to recover and adapt following a disruption.

In the context of social change, "we need innovative solutions that take into account the complexity of the problems and then foster solutions that permit our systems to learn, adapt, and occasionally transform without collapsing."







































Thank you & Safe Travels!