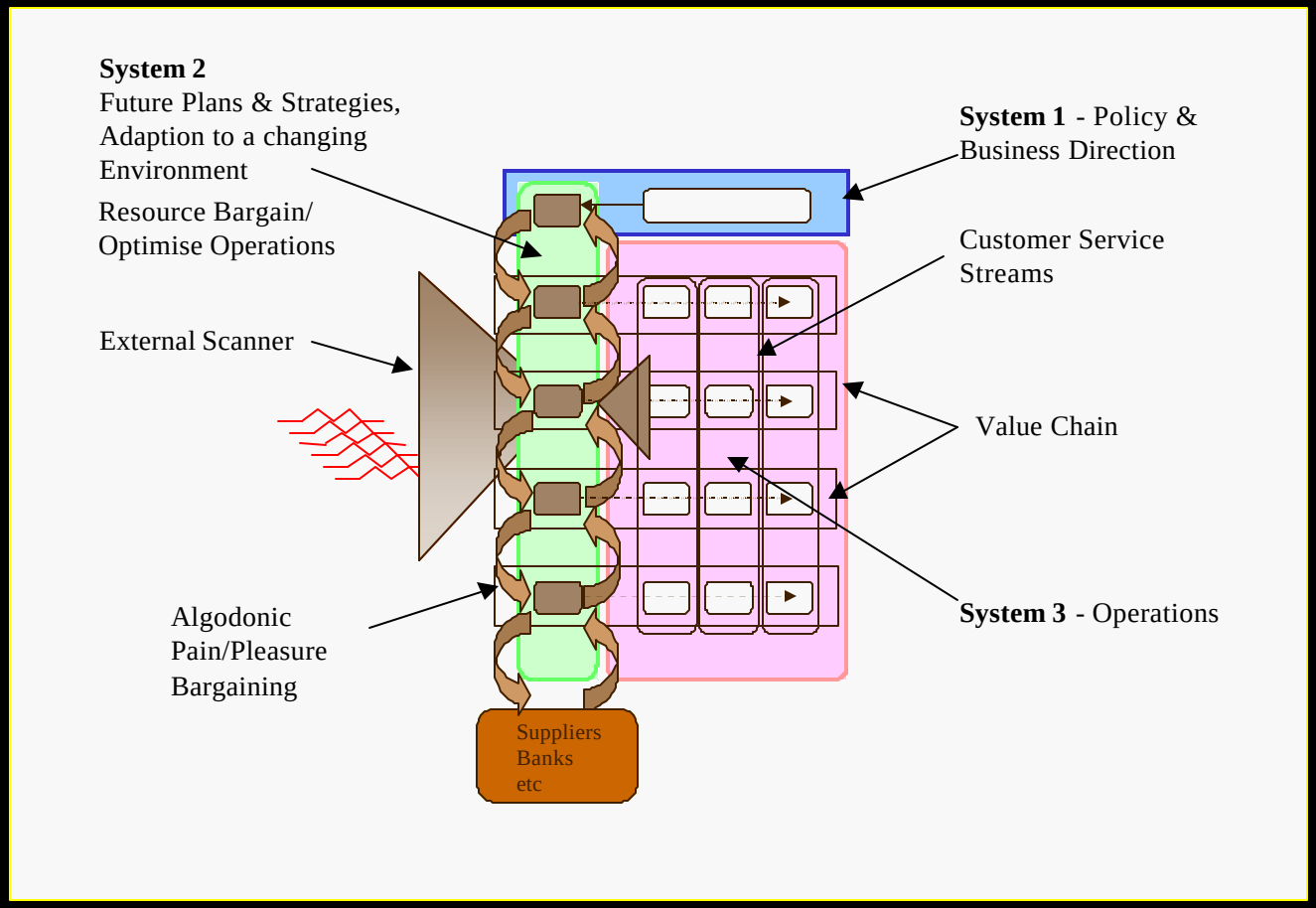
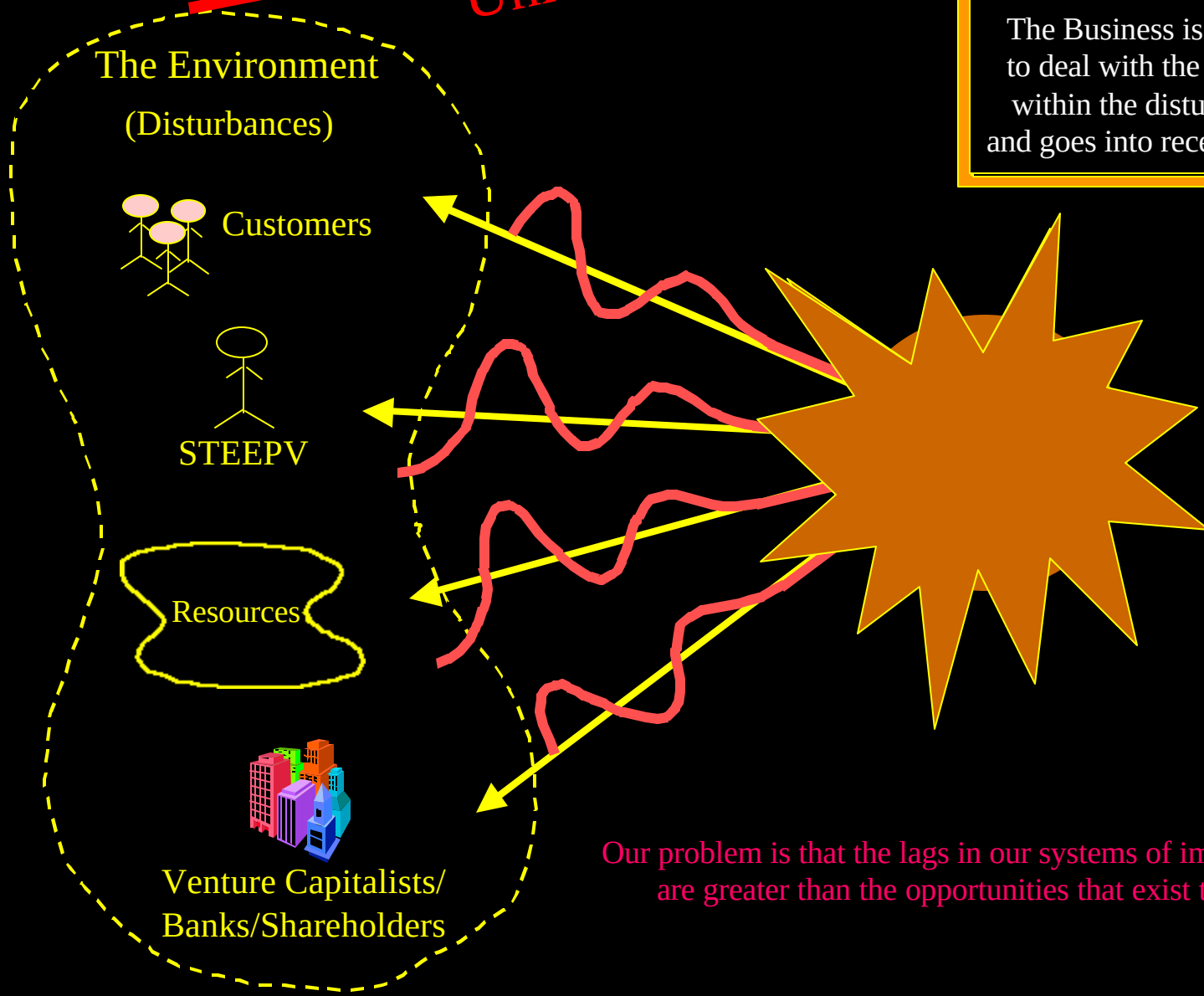
Building Survivable Enterprises



A Stable Environment

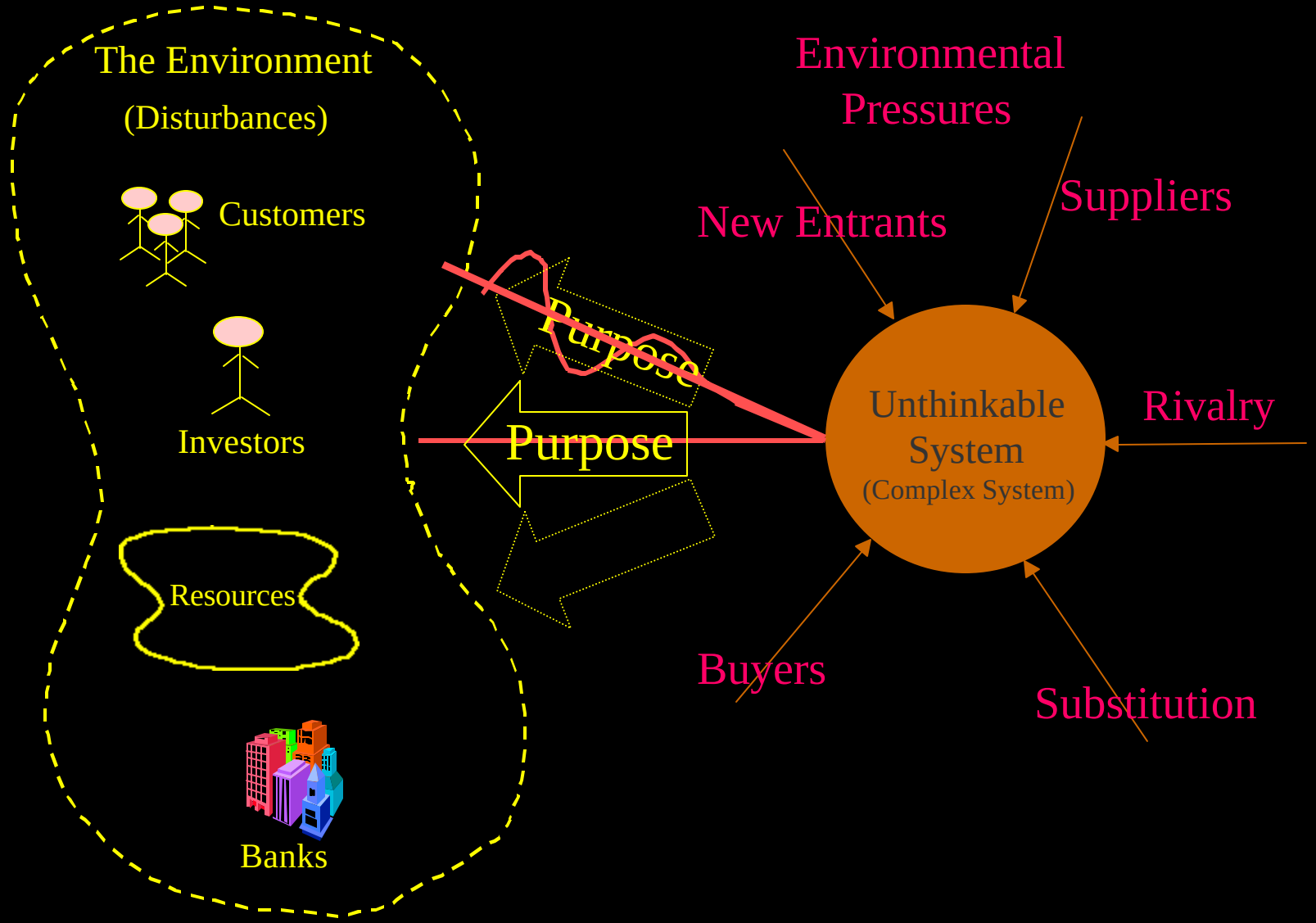
Unrealistic

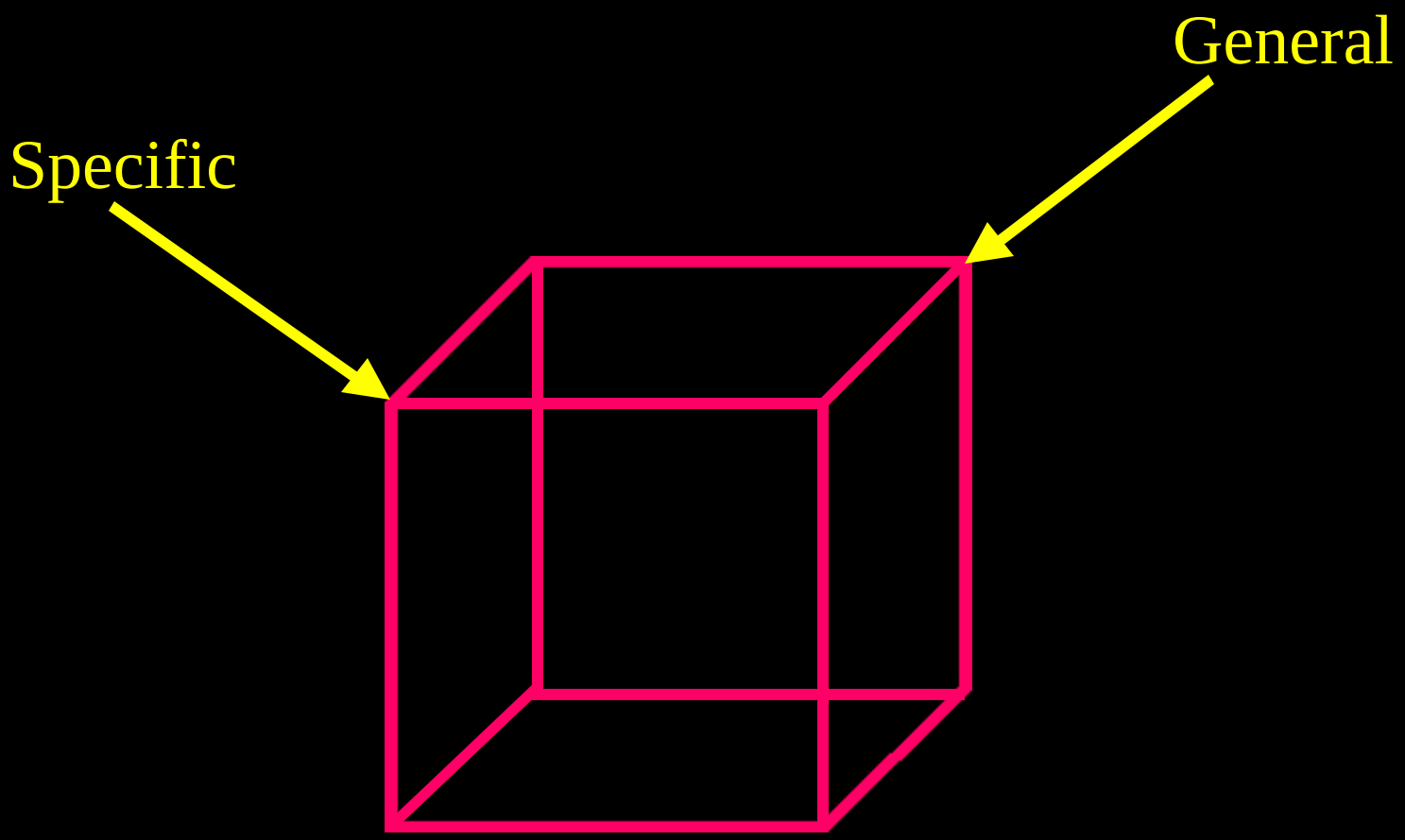
The Business is unable to deal with the variety within the disturbance and goes into receivership



Our problem is that the lags in our systems of implementation are greater than the opportunities that exist to respond

The Chaotic Environment





The specific has no meaning and the general has no content

Enterprise Ontology

Systems of ontology propose alternative categorised schemes that must embrace everything that exists that manifest that entity

- Living Systems
- Cybernetic
- Variety
- Kaleidoscopic Embryology
- Genes/Memes
- Fractal
- Holographic
- Homeostatic (Syntegrity to mediate massive 3/4)
- Information & Mental Models (2nd Order Cybernetics)
- Asynchronous
- Value Vector
- Transformational & Transactional
- Actions & States
- OR - FORM
- Behavioural Science - FORM

Living Systems

Reproduction

- Crystals
- Mules

Metabolism

- dormant micro-organisms

Nutrition

- Jupiter red spot

Complexity

- Hurricanes

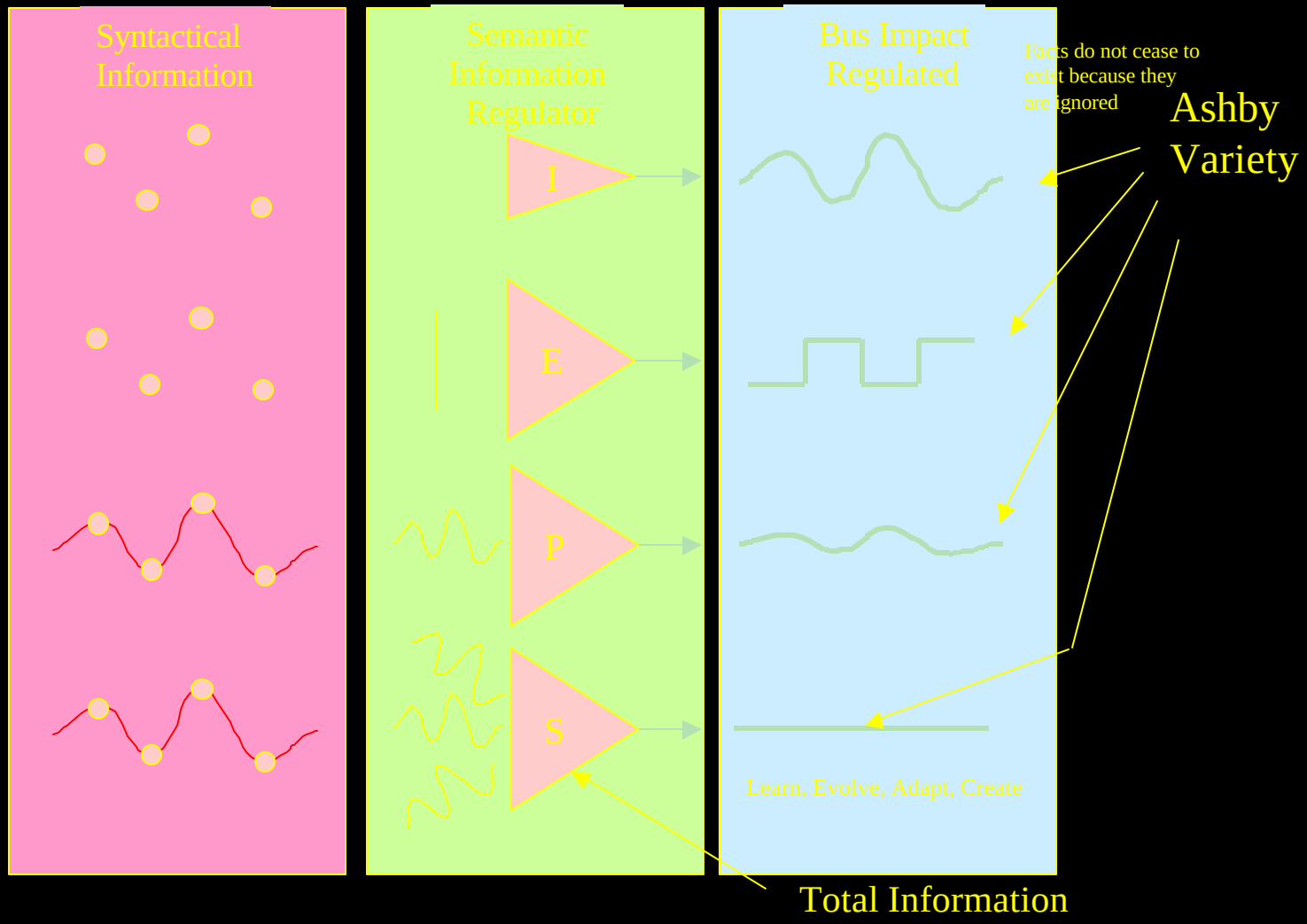
Metamorphosis - Form

Cybernetics

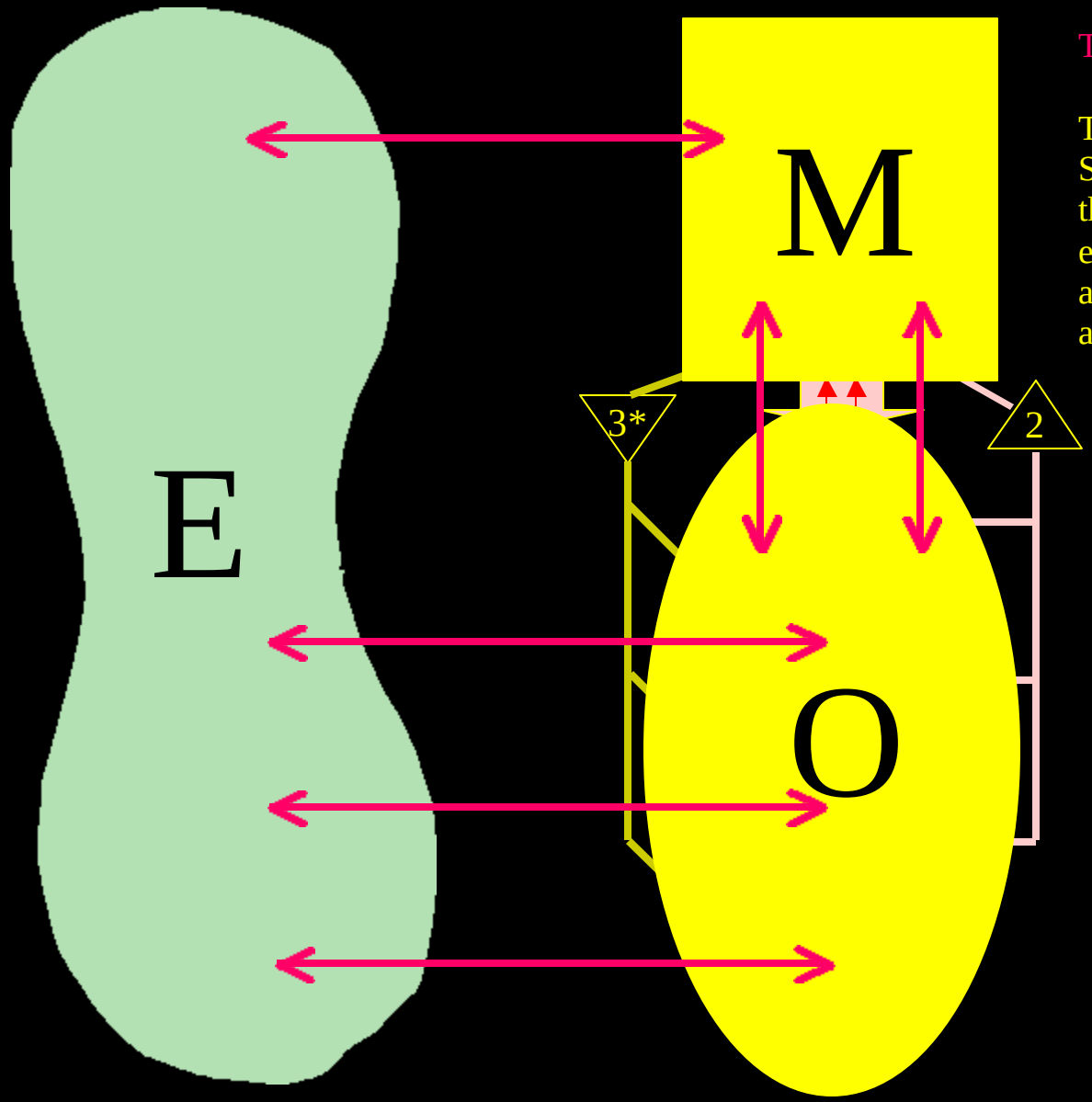
The science of Information, Co-ordination, Control, Regulation in Complex Machines

In a word as the art of "steersmanship"

Types of Regulation



The VSM Framework



The Meta System

The Brain and Nervous System. The parts that ensure that the various operational elements remain effective and work together in a harmonious manner.

Meme

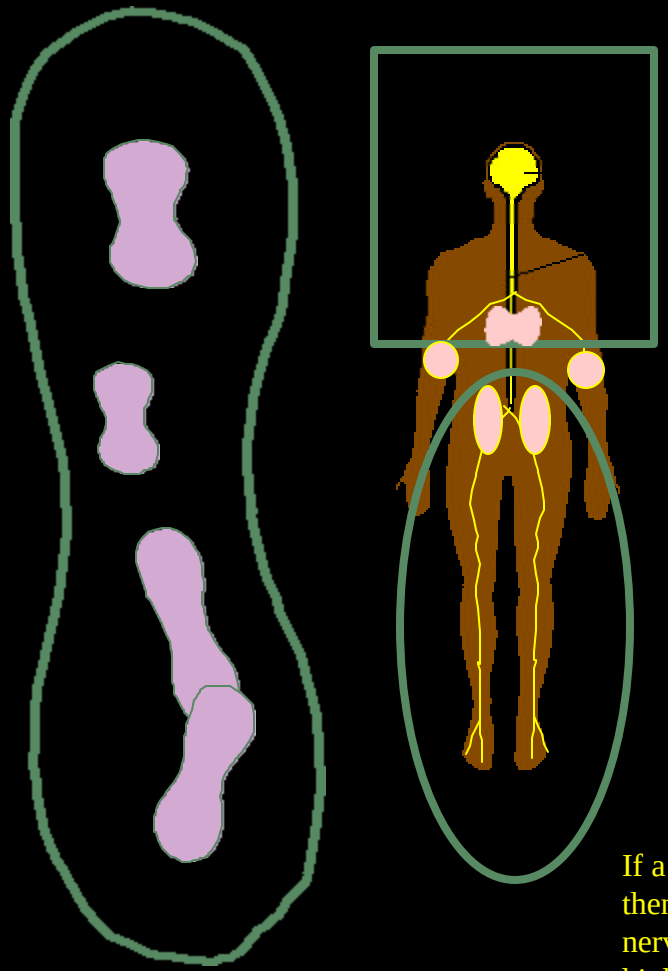
The Operation

The Muscles and Organs. The bits that do all the work. The primary activities of the business

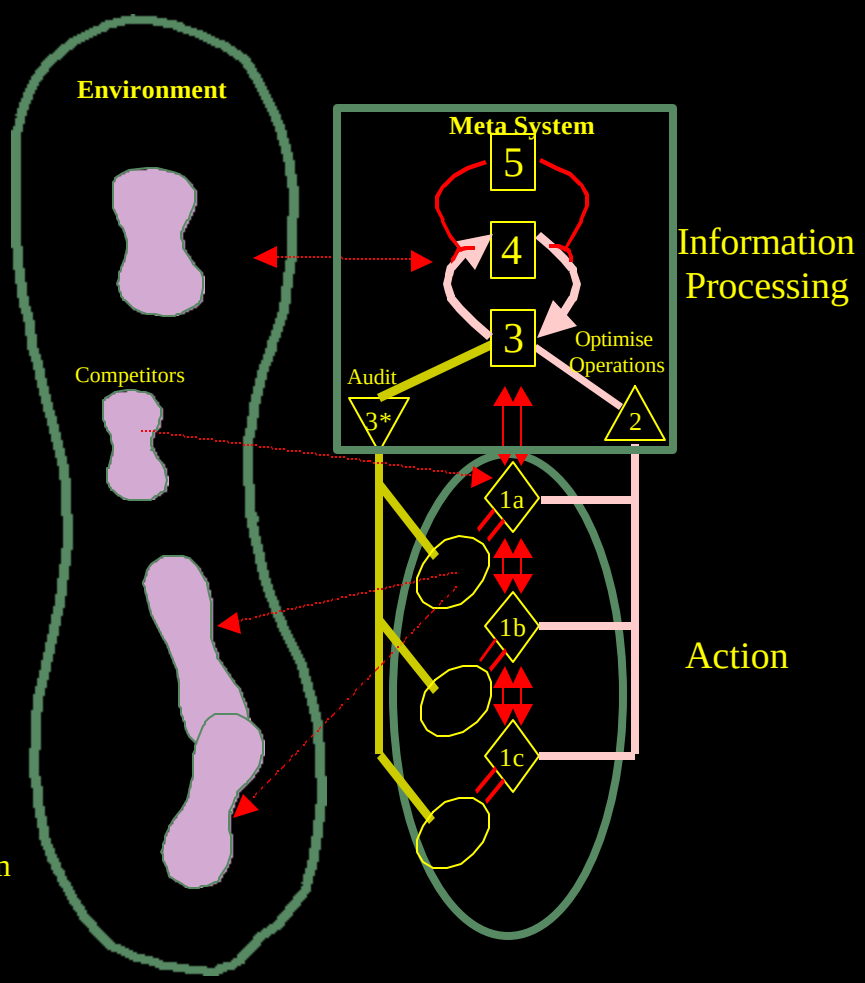
Gene

The Anatomy of a Business

Nervous System

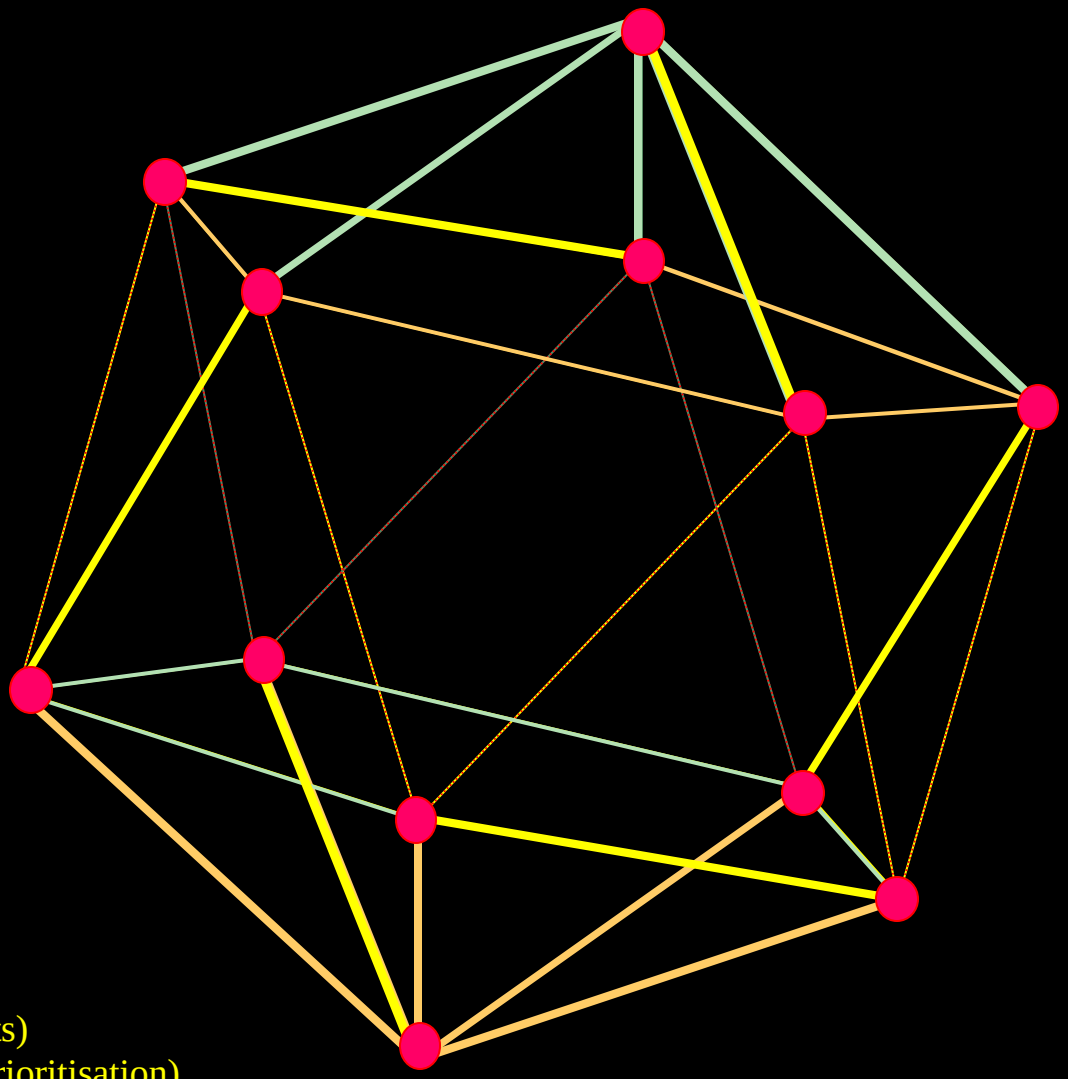


Logical Model



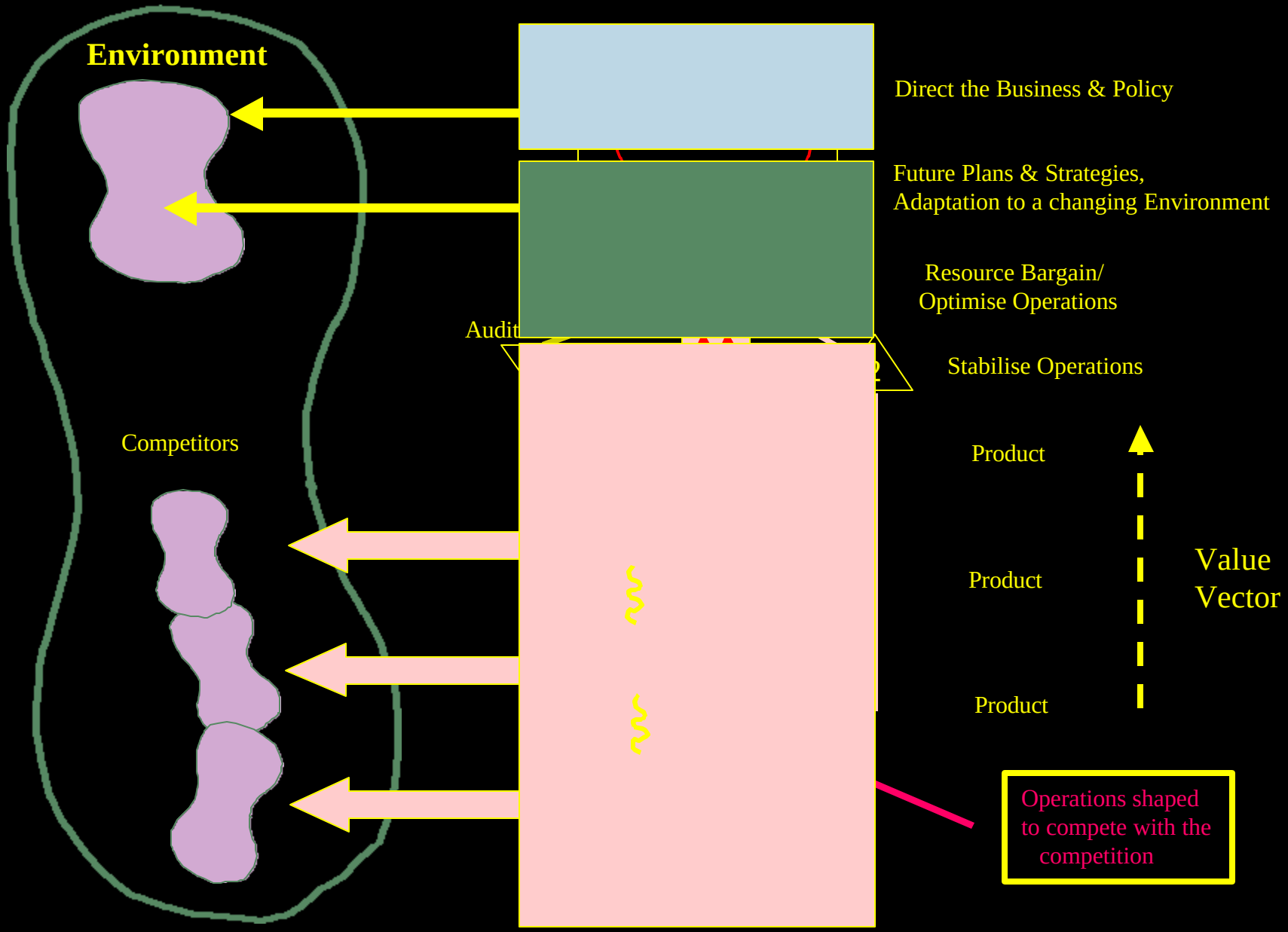
If a man runs his own system then he is his own central nervous system, not so in highly complex distributed systems

Syntegrater



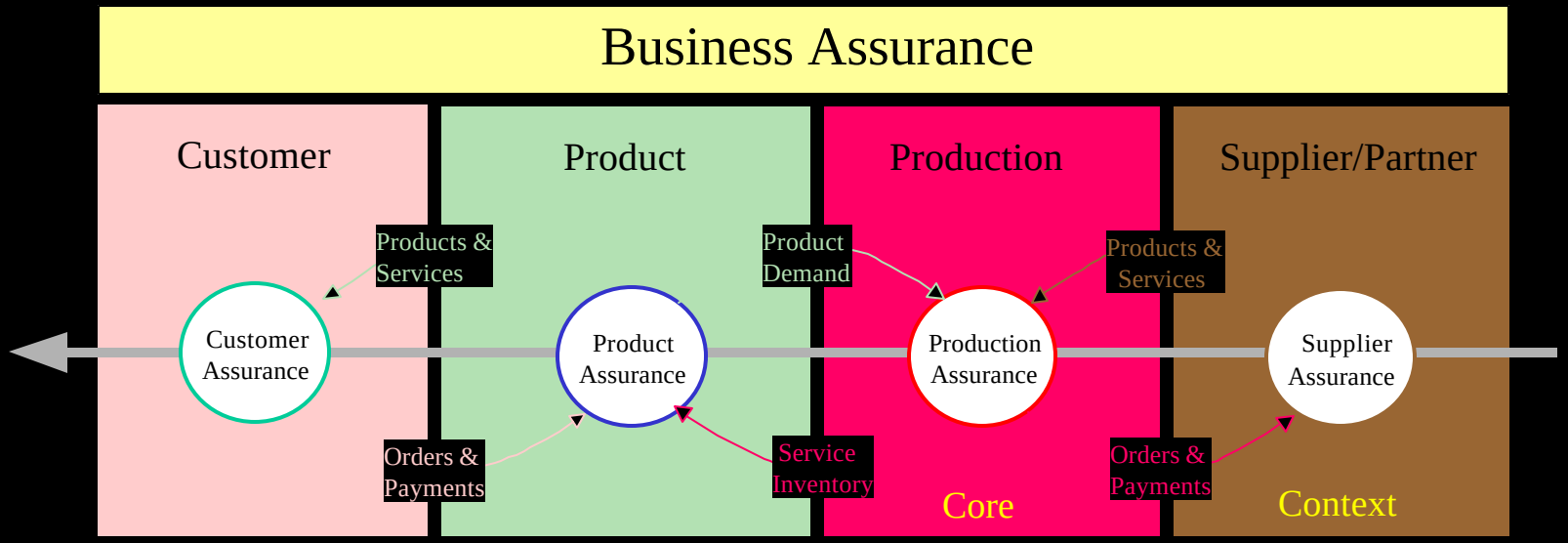
12 Points - (Subjects)
30 Edges - (Participants)
20 Surfaces - (Local Prioritisation)
3 Plane Cuts - (Global Prioritisation)

The VSM Framework

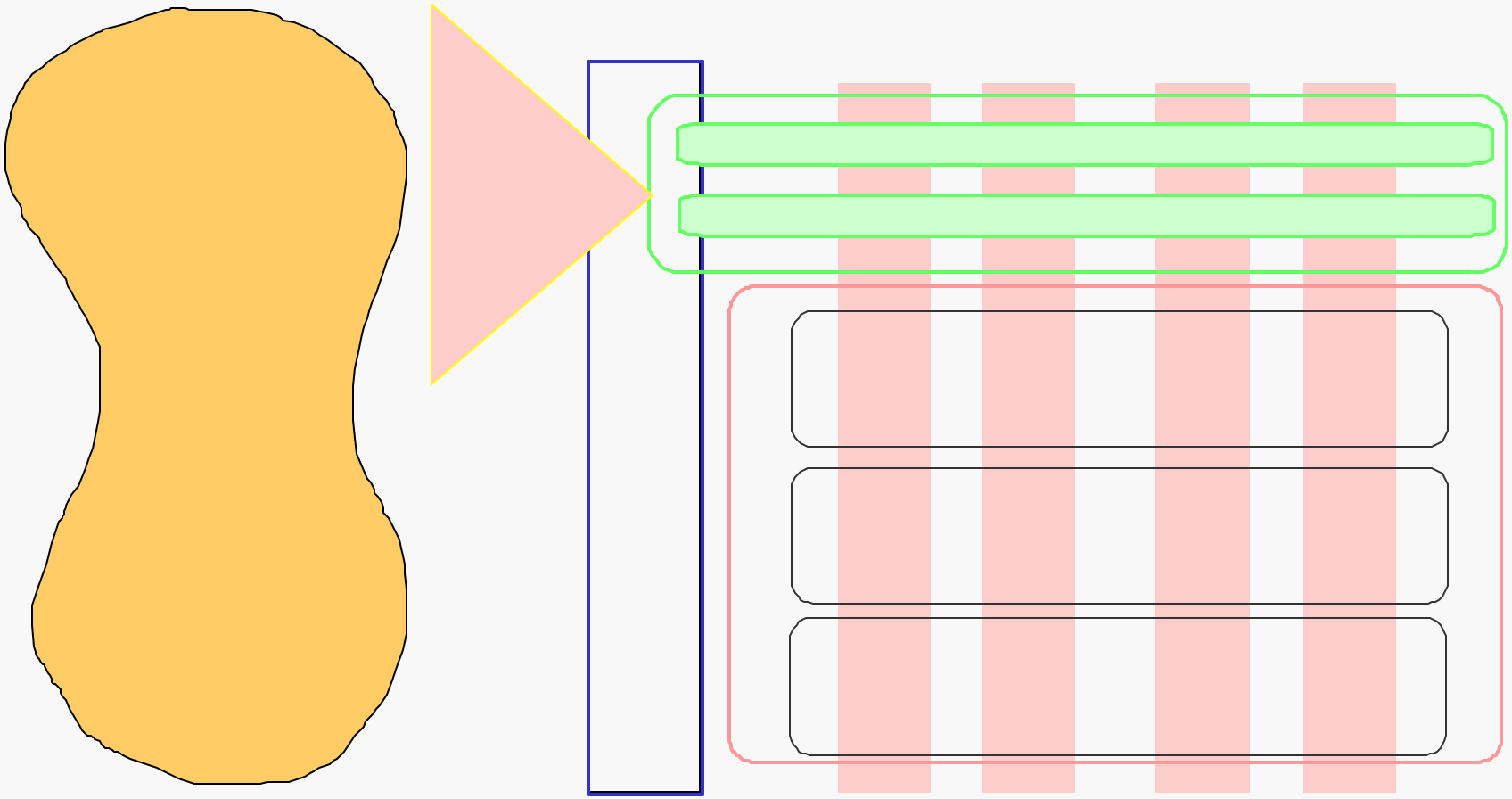


The Enterprise Value Vector

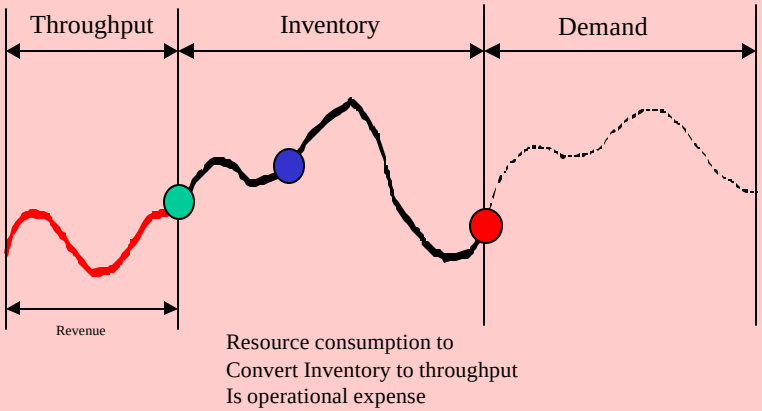
The patterned, purposeful interactions between a system's inputs and its outputs



VSM + Value Vector ~ Wholesale Embryology



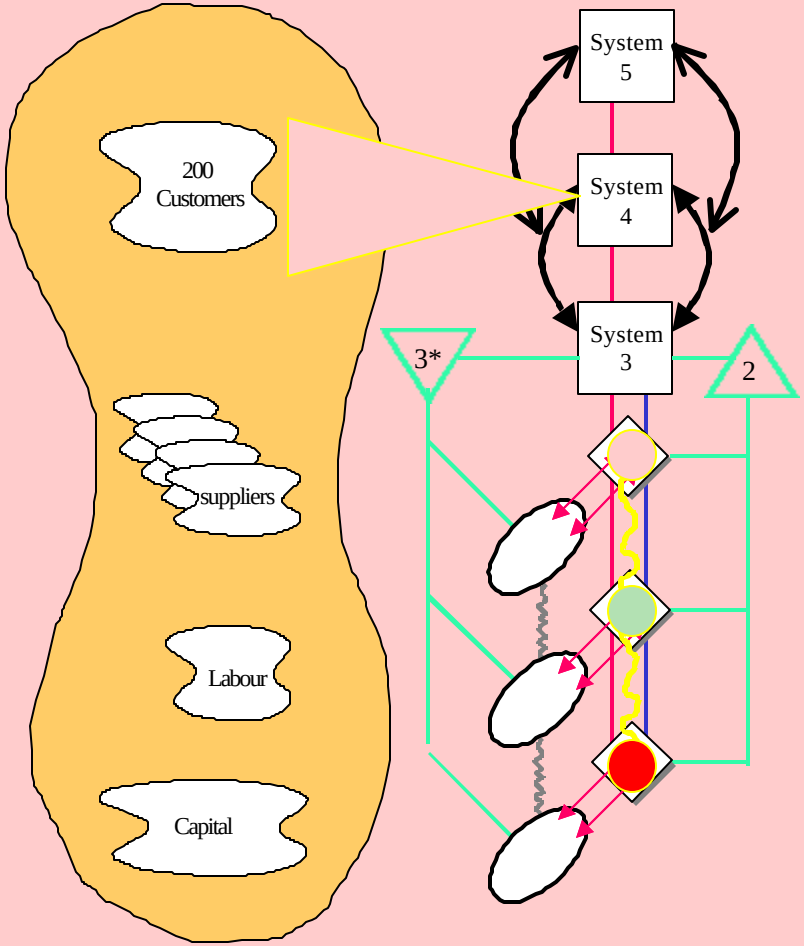
Examples



Throughput is the rate of money coming into the business

Inventory is the money currently inside the system

Operating Expense is the money used to make throughput happen



Back to the Top