

BIG IDEAS FROM NATURE: HOW BUSINESS ARCHITECTURE CAN HELP BUILD RESILIENT ORGANIZATIONS

HOW NATURE DOES IT

Nothing is ever wasted.
Waste = Food.

WHAT IT MEANS FOR ORGANIZATIONS

Shift *from* Linear to Circular.

HOW BUSINESS ARCHITECTURE HELPS

- ✓ Facilitates innovation and design of business ecosystems, business models and strategies
- ✓ Leveraging value streams and capabilities, designs and builds agreement for how organizations will work together to deliver value across organizational boundaries and who contributes what
- ✓ Identifies changes to the business and technology environments resulting from product redesign (e.g., using biomimicry techniques or becoming servitized)
- ✓ Tracks waste and other sustainability measures with value stream and capability-based metrics

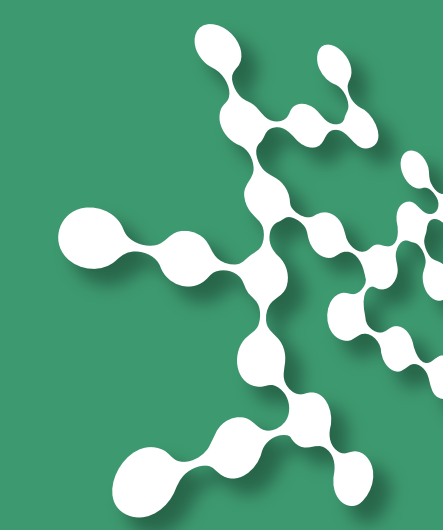
01

CLOSED-LOOP SYSTEMS



02

DIVERSITY AND REDUNDANCY



HOW BUSINESS ARCHITECTURE HELPS

- ✓ Leveraging capabilities in a value stream context, frames conversations around what an organization does and how (e.g., people, process, and technology) as well as facilitates new thinking
- ✓ Tracks capacity and effectiveness with value stream and capability-based metrics

HOW NATURE DOES IT

Achieves stability and health through diversity, not uniformity.

WHAT IT MEANS FOR ORGANIZATIONS

Shift *from* focus on Efficiency to Effectiveness and Having Slack.

HOW NATURE DOES IT

Adjust to the environment to improve chance of survival.

WHAT IT MEANS FOR ORGANIZATIONS

Shift *from* Control Predictability to Leverage the Unexpected.

HOW BUSINESS ARCHITECTURE HELPS

- ✓ Facilitates innovation around the business model(s), products and services, and strategies
- ✓ Facilitates innovation around how an organization can deliver new value by evolving value streams, leveraging existing capabilities in new ways, or creating new capabilities



LEARNING AND ADAPTATION

03



SELF-ORGANIZATION

04

HOW BUSINESS ARCHITECTURE HELPS

- ✓ Facilitates innovation of organization and ecosystem design, highlighting who does what, and how to design for effective reuse, integration, alignment and more

HOW NATURE DOES IT

Spontaneous creation of a globally coherent pattern out of local interactions.

WHAT IT MEANS FOR ORGANIZATIONS

Shift *from* Complicated to Complex.

Shift *from* focus on Parts to the System.



s2e transformation



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