

From Thinking to Dynamics

Approximately three hours, structured into five sections. Outcome-focused: think, map, model, intervene. Built from the Systems Innovation guide series.

01 · 30 MIN

Systems Thinking

Why systems thinking; mental models and perspective. From parts and events to wholes and patterns. Ego-system to eco-system awareness.

02 · 45 MIN

Mapping Structure

System maps: nodes, links, boundaries. Causal links, polarity, delays, feedback loops. Mini-lab: build a causal loop diagram.

03 · 25 MIN

Complexity & Dynamics

Nonlinearity, reinforcement and balance, attractors, equilibrium. Why intuition fails; why modelling helps. Cybernetics and homeostasis.

04 · 25 MIN

Leverage & Intervention

Iceberg model, events to deeper structure. Leverage is often counter-intuitive. Stocks, flows, regulators, accumulations.

05 · 40 MIN +
WRAP

System Dynamics

Translate causal loop diagrams into stock-and-flow models. Reason about behaviour over time. Connect to archetypes, transition design and futures.

OUTCOME

Capabilities gained: diagnose feedback, identify leverage, sketch behaviour curves, and translate maps into structured models for policy testing.