Diagraming

As an interim report on your project model, and an exercise in various diagramming techniques, create the following kinds of diagrams for your project model as you currently envision it.

a) Sector overview diagram (showing sectors and identifying important information linkages and flows; be sure to name the information linkages and flows as well as the important quantities in the sectors)

b) Morecroft’s policy structure diagram (showing stocks and flows in sectors with decision processes aggregated into identifiable groupings)

c) A simple causal-loop diagram, labeling the loops, maybe with just negative links identified with polarity signs.

d) A casual-loop diagram with explicit stocks (boxes around the stocks), labeling the loops.

e) Richardson and Pugh’s hybrid diagram (simplified causal-loop diagram showing explicit stocks and flows, perhaps showing flows as simple arrows to the stocks rather than pipes to and from. In such a diagram some minor variables may be omitted or aggregated into other quantities, and all “effects” that would be modeled as table functions do not explicitly appear as variables but are rather embedded in the signs on the causal links)

Strive for completeness, to make these diagrams useful in your project, and simplicity, to make them visually and conceptually clear to others.