Review of: "Successful Community Infrastructure Risk Management in a Decarbonized Future"

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Potential competing interests: No potential competing interests to declare.

Dr. Hay presents a compelling case for the importance of creating transparency for crucial stakeholders through the disciplined development and use of a common reference. This constructed representation of the complex adaptive system surrounding a community in transition avoids the opaque and complicated analyses that often result from narrowing the field of view to limited dimensions; most typically, financial life cycle analysis. The common reference allows risk mitigation measures to be paired with key performance indicators in ways that properly communicate the structural dependencies. The result is a comprehensive planning horizon that supports the disclosure requirements of ESG, investors, IFRS, and various community stakeholders.

The author uses many compelling references to support the underlying thesis and, in general, makes the case well. The overall argument would be strengthened by further nesting it in the ontology of complex adaptive systems, community transitions, decarbonization policy, and asset management. In all, the paper represents a good start to an interesting research direction.