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# URBAN L<sup>3</sup>

This project investigates the application of naturally driven, closed loop, human support systems to more efficiently source and utilize water, energy, and food. Transitioning from conventional design and linear production we introduce closed-loop systems in which the waste of one system provides input for another—minimizing environmental impact and reliance on imported materials. Suitable for implementation in existing buildings in New York City, our initial systems center on retrofit to single apartments with minimal disruption during installation and operation. This concept apartment seeks to illustrate the practicality of such systems through a conversation that engages and educates the community.

