

2024 Industrial Ecology Project Grant Proposal

Proponent: Shannon Henry

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1. Project title

Metabolism of Islands Panel Discussion at Grenada's Sustainable Design Impact Hub

2. Project description

This proposal seeks funds to support travel expenses and the organization of a panel discussion focused on the Metabolism of Islands at the inaugural event; Grenada's Sustainable Design Impact Hub. As a small island developing state vulnerable to sea level rise and biodiversity loss, Grenada can benefit from an Industrial Ecology perspective to develop climate change resilience strategies. The panel discussion aims to bridge local stakeholders, policy-makers, and grassroots organizations to collaboratively devise and implement solutions for enhancing socio-economic metabolism.

3. What is the Benefit to the Society and its Members?

The representation of ISIE Members at the summit provides an opportunity to present data and foster dialogue between researchers, practitioners, and those directly impacted by climate change. This engagement fosters community building, local involvement, and knowledge sharing to advance industrial ecology practices and their implementation on CARICOM SIDS. This opportunity will help put industrial ecology theory into action.

4. Budget?

USD 5150 which converts to about EUR 4800.

5. Budget breakdown?

- Travel and accommodation expenses for 2 ISIE members: USD 3,000
- Technical Support: USD 500
- Event Space Rental: USD 500
- Printing/Publishing Costs: USD 150
- Non-profit donation to support programs: USD 500
- Food, event dinners, miscellaneous for ISIE members in attendance: USD 500

6. Who Would Govern or Operate the Proposal?

The Council on Sustainable Design of Grenada (CSFDG), a Grenada-based non-profit led by Shannon Henry, an ISIE and Metabolism of Islands member, will oversee the proposal. CSFDG's mission is to

enhance the circular economy of Caribbean SIDS by empowering vulnerable women via capacity-building, skills training, and exposure to STEM and design integration.

7. What Resources are Available to Support the Proposal?

CSFDG's team includes a dedicated program manager to coordinate attendee logistics. Mount Cinnamon Grenada offers discounted rates to ISIE members, serving as the official lodging partner for the Sustainable Design Impact Hub. Additionally, UNFLN and PVBLIC Foundation provide targeted media amplification and expert panelists for complementary discussions.

8. Is this Proposal Defined within a Single ISIE Section or across Sections?

This proposal spans across multiple ISIE sections, including Metabolism, Islands, Circular Economy, and Symbiosis, reflecting the interdisciplinary nature of the Sustainable Design Impact Hub.

9. Name of Supporting ISIE Board Member or Section Leader

Simron Singh

10. Evidence of Support for the Proposal

Support from various ISIE sections underscores the relevance and importance of the hub's objectives, such as raising awareness of SIDS vulnerabilities, socio-economic metabolism, industrial symbiosis, and circular economy integration in island economies.