
Status Report: Sustainability

Jennifer Clarke • 01.17.2018

On behalf of the MBDH sustainability subcommittee:

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MBDH

Overview

Expected delivery

January 31, 2018

Activities to date

- Biweekly meetings with presentations
- Follow charge from the Steering Committee

Biggest challenge

Long term goals and vision of the Hub TBD

Sustainability Charge - Summary

Objective

- develop an "Interim Report" to inform the MBDH renewal process and strategic planning activities.
- organized as general roadmap for creating a formal Sustainability Plan, with the types of data needed; recommendations for resources; a set of revenue generating models that could be used by MBDH staff
- How do we offer long term value that will provide sustainable revenue?

Considerations

- Kinds of information required for developing a formal Sustainability Plan?
 - Alternative, sustainable funding models that do not rely on NSF for support (i.e., create a broader base of sustainable revenue based on a demonstrable value proposition)?
 - Improve governance structure to provide systematic engagement with regional stakeholders, and help to build organizational capacity?
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First meeting of subcommittee to discuss forthcoming charge

Discussion of value proposition, existing models and possible presentations

Presentation by Anthony Boccanfuso, UIDP



08.09.17

09.10.17

11.08.17

12.07.17

01.05.18

Charge received from Steering Committee; Task allocation

Presentation by Katie Olson, UI Labs; discuss need for visibility

Progress - Information

Key Items 1

- Launch strategic planning exercise now, then go to the structure to support it.
- structure/function of existing, relevant institutions and their plans for sustainability (UIDP, UILabs, XSEDE, CCC); legal structures
- needs of stakeholders including industry, government, and academic (e.g., advisory committee)

Key Items 2

- possible income streams and knowledge regarding 'how-to'
 - **partnerships and champions**
 - evaluation results from Lizanne (e.g., who is invested? Value proposition?)
 - components of a succession plan with foreseeable risks ('roadmap')
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Progress - Funding models

Options 1

- **UILabs** model of reduce time to project initiation and access. Invest in R&D space without huge overhead. Membership model, R&D projects, IP agreement, tech transfer
- RCN/UICRC model
- XSEDE model

Options 2

- **UIDP** model of simplify contracting processes between universities and industry. Driven by members.
 - 501(c)3 model [this is a legal designation and not necessarily distinct from the earlier models, expenses are involved]
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Progress - Governance structure

Key Suggestions 1

- Stakeholder engagement and organizational capacity depends on deeper relationships with aligned entities
- Form MBDH advisory entities that represent industry and government
- Strengthen ties with networks of high performance computing (XSEDE) and network engineering champions

Key Suggestions 2

- Establish an ad hoc committee to set up guidelines for an MBDH affiliate membership program for data analytics certificate and other programs
 - MBDH must aggressively pursue sponsorship from industry for all meetings and other activities. Part time consultant?
 - All committee members have clear authority and responsibility
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Structure of Report

Outline 1

- Introduction
- Benefits of a sustainability plan
- Risks of a sustainability plan
- Factors of a healthy Hub

Outline 2

- Strategies for sustainability
 - Evaluate strategic threats
 - Explore emerging opportunities
 - Items for nonprofit agencies

Next steps

Assignment 1

Complete draft of interim report including notes from presentations (due 1/23)

Assignment 2

Solicit comments/edits from members of sustainability subcommittee (due 1/29)

Assignment 3

Provide interim report to MBDH Steering Committee (due 1/31)
