

Session 2: Demonstrating MSI achievements and impacts

Question #1:

How does your MSI interpret: ‘demonstrating’, ‘achievements’, ‘impacts’ (ranging from scientific to societal)?

‘Demonstrating’

- “**clearly** showing

The Science

- Papers, technical reports, etc.
- Presentations to the research community
- Data and knowledge dissemination to the scientific community
- Leveraging MSI funding for more science-generating capacity

‘Achievement’

- Research output from
- Research output g
- Research output p

The Benefit

- Translation of research project outcomes to important problems
- Transfer of technology development outcomes to innovation
- Data-into-knowledge dissemination to the public
- Inform, influence, or change public policy or practices
- Data-into-curiosity to inspire next generation
- National and international reputation or recognition
- Job creation, leveraging MSI funding for more economic activity

‘Impact’

- A benefit outside t

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Question #2:

What are the key challenges for your MSI to demonstrate A & I to various stakeholders?

Challenges

- Definitions of A & I too restrictive; need to accommodate large established MSIs and smaller or nascent MSIs because their definitions and scale/scope of A & I are different
- Identifying (and prioritizing?) your stakeholders / and the right audience
- Identifying users and tracking their A & I
 - Getting users to report back (what they did, how it was used, were there A & I?)
 - MSIs start as science-based local community activity; evolution to national / international 'science service-provider' requires change from asking vested community to wrangling from customers
 - Burden of searching, collecting, curating (administrative burden felt more by smaller MSIs)
 - Core competencies (quantitative > qualitative)
- Restrictions on data release imposed on or by users (your users' data or A & I may not be accessible or embargoed)

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Question #2:

What are the key challenges for your facility to demonstrate 'achievements' and 'impacts' to various stakeholders?

Challenges

- Redundancy/wasted effort – The same information in different formats to multiple funding stakeholders; Funders A & I Commons?
- Engaging the public and students; but how much effort and resources to expend?
- Getting the Institution on-board to support the MSI's 'demonstrating'; AND getting the Institution on-board to let the MSI own the A & I
- Real costs of the infrastructure & people resources to find, track, collect, curate, and validate are challenging to fund
- “Best before” date - A & I criteria/definitions need to be dynamic
- Difficult to predict A & I, challenging to demonstrate “late-onset” A & I

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Question #3:

What are some **good practices** and **available tools** your facility uses to:

Identify A & I

- MSI facility-specific definitions and categories of A & I
- Centralize the process
- Out-source to a third party that is expert at metrics / SEO / data aggregator
- Provide a 'citation' kit

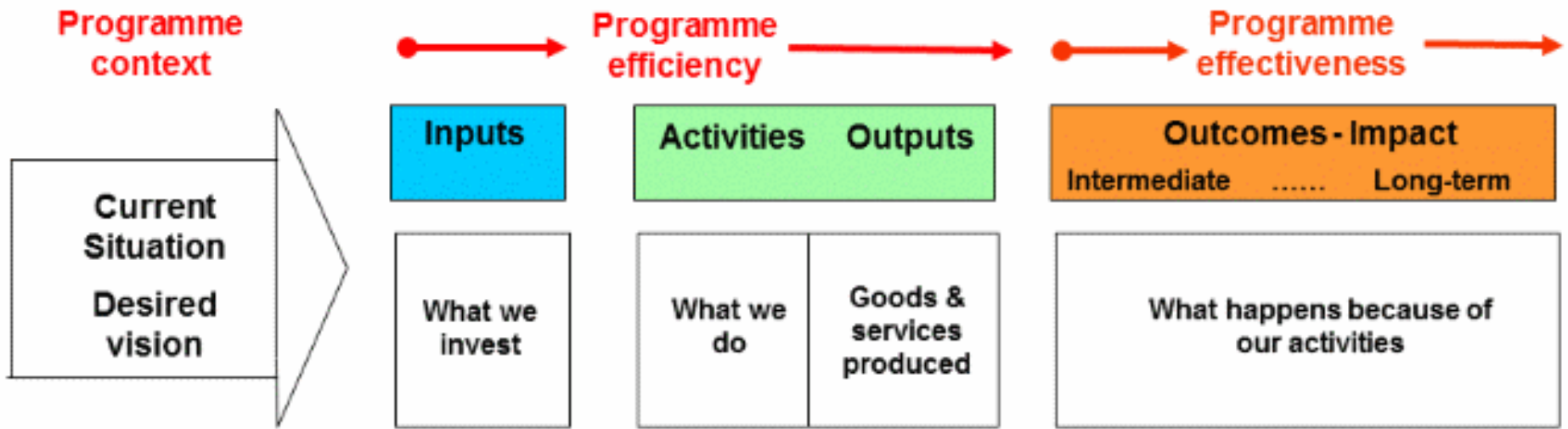
Track and collect A & I

- Facility-driven
 - User-access logs
 - Functionality built in to MSI's LIMS
 - Condition of use
 - Provide incentives to HQP / trainees
 - 'Financial' incentives
 - User-friendly user portal
- User-driven
 - DOIs

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Question #3 (cont'd):

What are some **good practices** and **available tools** your facility uses to:



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BIOLOGIQUE

ORGANIC

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...IPA WITH BITE



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BREWING

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BEER BIÈRE



TAG! YOU'RE IT!

IS A LATE ADDITION, INTENSELY
AROMATIC, JUICY AND
WELL-BALANCED IPA.

IT'S THE BRAINCHILD OF BIG
SPRUCE AND HALIFAX-BASED
OCEAN TRACKING NETWORK TO
BOOST OCEAN CONSERVATION
—INCLUDING TAGGING AND
TRACKING NOVA SCOTIA'S
ICONIC SHARKS.

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EVERY CAN WILL SUPPORT
RESEARCH THAT HELPS
PREDICT AND ENSURE
ANIMALS' SURVIVAL IN A
CHANGING OCEAN
... SOMETHING WE CAN ALL
DRINK TO. SLAINTE!

NO SHARKS WERE HARMED IN THE
MAKING OF THIS BEER.

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RETURN FOR REFUND
WHERE APPLICABLE
CONSIGNÉ LÀ OÙ LA
LOI LE PRESCRIT

PRODUCT OF CANADA
PRODUIT DU CANADA

INGREDIENTS: WATER, ORGANIC BARLEY, MOSAIC AND CITRA HOPS, YEAST.
INGRÉDIENTS: EAU, ORGE BIOLOGIQUE, HOUBLON MOSAIC ET CITRA, LEVURE.



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