



@HumanomicsMap / @rolfhvidtfeldt

Developing Responsible Impact Indices for Open Science

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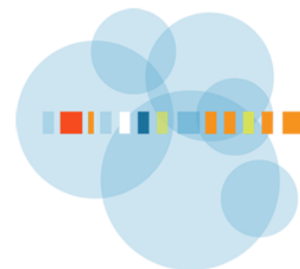
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AALBORG UNIVERSITET

Humanomics Research Centre

- ❑ Meta-research unit focused on studying the interdisciplinary and societal impact of research.
- ❑ 15 researchers, grants: Velux Foundation, Danish Council for Independent Research, European Commission, Danish Ministry of Science etc.
- ❑ Running projects “Mapping the Public Value of Humanities”, “Responsible Impact”, “Open Science Research Analytics” & H2020 “ACCOMPLISSH”



humanomics
mapping the dynamics of the humanities

Impact Assessment Platform

Budtz Pedersen & Hvidtfeldt (2019)

- Building and testing an **Open Impact Assessment** system
- Three main **analytical steps**:
 1. Metrics-based ‘participatory indicators’ to trace “micro impacts” and monitor their real-time dynamics (‘numbers’);
 2. Qualitative contextualisation of these indicators supplemented with qualitative evidence of specific impact pathways (‘narrative’);
 3. Integrated analysis and case studies focusing on the local dimension of impacts – assessed by ‘extended peer review’.

Impact Assessment Platform

Budtz Pedersen & Hvidtfeldt (2019)

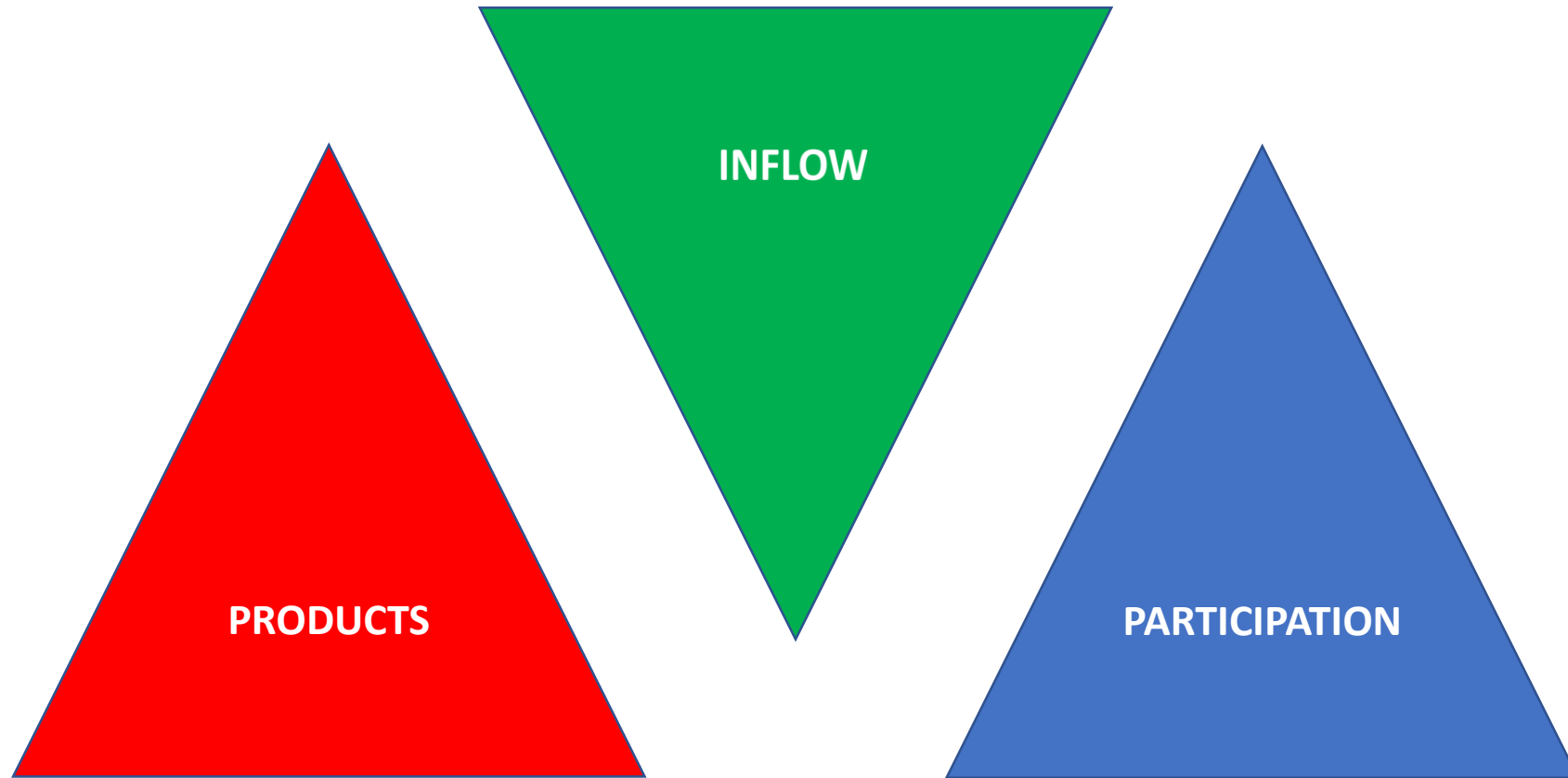
- Building and testing an **Open Impact Assessment** system
- Three main **principles of construction**:
 1. Extensive review of existing tools and taxonomies;
 2. Open source development – independent of commercial interests;
 3. Bottom-up co-creation involving the researchers being assessed.

International Meta-Review of Impact Indicators in SSH

Budtz Pedersen,
Grønvad &
Hvidtfeldt
(forthcoming).
*Research
Evaluation*

	REF	SEP	IMPACT -EV	HPB	SIAMPI	CM	RCF	FK	LE	RAPID
Implemented ex ante (Prospectively)										
Implemented ex post (Retrospectively)										
Impact plan, template, theory of change										
Tracking from process, interactions										
Tracking from outcome, impact										
Logic model/representation										
Stakeholder inclusion (alignment efforts)										
Bibliometrics indicators										
Altmetrics indicators										
Register and adm. data										
Commercialization statistics										
Peer/expert review (judgement)										
Impact repositories										
User-information										
Case-study (impact narrative)										
Surveys										
Interviews										
Workshops/Focus groups										
Field/site visits										
Document analyses										

≈120 types of micro-impact



Thank you for the attention

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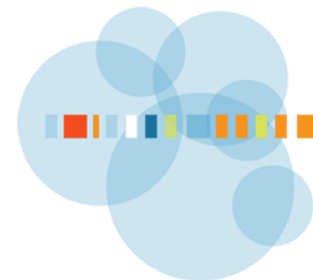
Contributions from Jonas Grønvad and Louise Amstrup

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