

Urban Sustainability, University of Gävle Stephan Barthel

Research infratsructure of BIG



Radical transformation needed!

Anthropocene



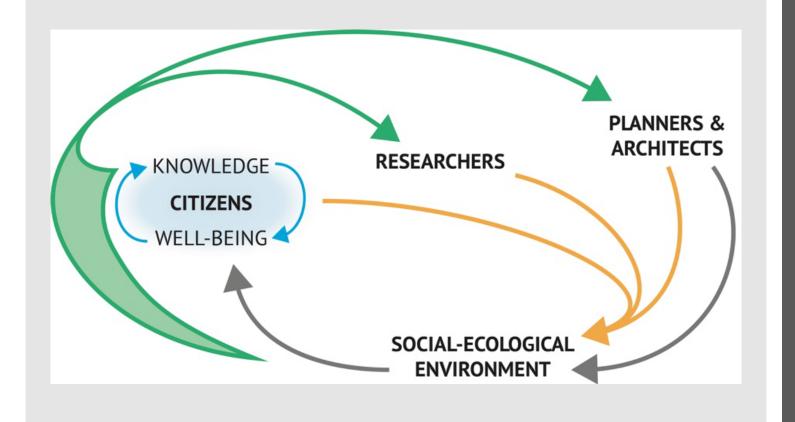


Urban Transformations BIG play part in creating knowledge based in science



A GROWING RESEARCH INFRASTRUCTURE

Digital approaches for climate transformation and for regenerative urban sustainability



"Feedback attitudes and experiences of residents to researchers, planners and policy makers"

Two new national projects



A BUSINESS AND POSTGRADUATE RESEARCH PARTNERSHIP FOCUSING ON SUSTAINABLE URBAN DEVELOPMENT

Preliminary programme title: FAIR TRANSFORMATIONS TO A FOSSIL FREE FUTURE (FAIRTRANS)

Planned programme hast: Stockholm University

Planned Programme Directors: Thomas Hahn (SU) Stephan Barthel (Gävle University)

Contact person:

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UNIVERSITY OF GAVLE

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Fossil Free Sweden



Hyresgästföreningen







företag*arna*



SISD 📀



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FAIRTRANS

Thomas Hahn, Stockholm University Stephan Barthel, University of Gävle

New MISTRA Program 2021

4 Years 4.000.000 USD (*2)

FAIRTRANS

- departs from a carbon budget for a fair societal transformations towards the Paris Agreement
- use inter-disciplinary science and an inclusive process for co-creating knowledge and policies (governance)
- address transformation, equity, digitalisation and civil society

- co-creates policy development through stakeholder deliberation
- engages in various learning exercises with CSOs for change and transformation



Sw. Society for Nature Conservation > 0.2 M members







Start 2020



FUTURE PROOF CITIES (FPC) 12 PhD-candidates





















Employment at Company (n=12)

Approved as PhD-student by a University (n=3)

80 % of time for doctoral studies (1-3 supervisors)

20 % work at a company (a mentor/student)





KK-stiftelsen

Financing FPC first round (six years)

Financier	Amount [USD]
12 Companies (Cash/in-kind)	2.160.000
3 Universities	1.000.455
KKS	2.160.000
Total	5.365.500

Frame for research

The research school will address four major and interconnected research areas;

- urban social sustainability from the perspective of residents,
- climate resilience for the next generation of infrastructures
- Governance to achieve climate resilience and social sustainability at the same time
- Methods and tools for co-creation



Back to the Future? -Integrating socio-ecological with technical infra-structures (SETS)

