

Sustainability Arena Proposal sandpit event

Dept of IT, HT2022

Coordinator: Mike Hazas

What is a sandpit?

- It's messy.
- You try to build something. Maybe it falls over, or gets hit by a wave later.
- Elsewhere, they are events used by research councils to get researchers together to submit to an upcoming special call.
- Upcoming proposal calls do help to focus the mind
- But thinking on any timescale or any project is fine!
- And just coming here to see what's going on is fine.

Schedule for this morning





- Introductions and why we are here
- Mike's summary of upcoming calls, with context on some of the funders
- We decide on the structure for the rest of the morning

Introductions

- Your name and role in the department
- Why are you here / what are you hoping to get out of today?
- What is your interest in sustainability?

Proposal calls (from Arena webpage)

CLOSING DATE	CALL	VITAL STATISTICS
31 Jan 2023	RJ Projects 2023 first round ↗	Max 75% FTE per researcher; does not fund doctoral students. Opens 10 January. Humanities and social sciences.

1 Feb 2023	Energimyndigheten: Design for everyday energy efficiency (Call 7) 	Max 19 months, guesstimate 3 MSEK per application (15 MSEK total available). Behavioural change and the current energy crisis. Project team must have competence in energy, design and behaviour. Machine translated version of the full call. 
23 Feb 2023	Energimyndigheten: Developing flexible electricity systems of the future 	Max 3.5 years, 9 MSEK per application (60 MSEK total available). Interdisciplinary approaches encouraged. Machine translated version of the full call. 
23 Feb 2023	Energimyndigheten: Developing a resilient and safe electricity supply 	Max 3.5 years, 6 MSEK per application (40 MSEK total available). Machine translated version of the full call. 

1 Mar 2023	Vinnova competence centres on Sustainable Industry or Digital Transformation 	Max five years, 36 MSEK. Vinnova contributes 1/3, the university 1/3 and the industry/public sector partners 1/3. Potential to get a second five years of funding.
7 Mar 2023	VR Research environment grant in the social consequences of digitalisation	4-6 years, 1.5-3 MSEK/year, project must start Jan 2024. Constellation of 2-6 researchers. Call opens 1 Feb.

1 Apr 2023	MMW Project grants and special grants aimed at ecocycle analysis of functional and technical materials ↗	3-5 years, 3-10 MSEK. Opens 1 March.
mid/late Apr 2023	Formas Open and Formas Early Career ↗	Max three years, 3 MSEK. Call usually open by late January.

Other calls

- Wenner-Gren Stiftelserna
 - <https://www.swgc.org/sarskilda-stipendier.aspx> (postdoctoral)
 - 31 January
- Forte (Swedish research council for health, working life and welfare)
 - Starting grant, up to three years after doctoral degree
 - opens 24 Jan, due end of March
 - not sure about discipline preferences
 - <https://forte.se/en/news/the-postdoc-grant-is-replaced-by-starting-grant/>
- Vinnova Green and digital transformation
 - improvements in consumption and emissions of civil engineering (building?) sector. Closes 15 Feb.
 - <https://www.vinnova.se/en/calls-for-proposals/green-and-digital-transformation/green-and-digital-transformation-autumn-2022/>
- Also a similar Formas one coming due soon, which is about building construction (digitalization component to save resources)

General reactions to the calls?

What partners/existing links do we have?

- Tvinn.se – electric buses/optimal charging (Di Yuan)
- Uppsala kommun, e.g. bus emissions (Edith)
- BMSystem.se - snowplow and vehicle routing
- Ida-Marie outreach coordinator, e.g. Sigtuna kommun
- BeSmå – industry consortium, detached house construction
- local video game company (talk to Mike)
- Ngenic – smart control and heating
- Dansmästaren – solar/EV charging
- STUNS has many links (Rafael Waters and colleagues)

How should we structure this sandpit?

1. Plenary gathering of interests/ideas (brainstorming) and then break into a few groups to discuss the ones where we are the most interested
2. Project pitches and either plenary or group discussion - could also rotate the groups/project hosts so that everyone gets to discuss every pitch
3. Formulate projects based on the non-academic links we have. What are their interests; what work would they like to see done?