

Objectives of the Scoping Workshop and expected outcomes / day one synthesis

Ari Asmi
Sanna Sorvari

The Choice of focus of the proposed call (Original)

- Arctic Observing Systems and Science for Sustainability
- Thematic areas
 - The natural and living environment in the Arctic
 - The built environment in the Arctic
 - Natural resource management, development and conservation
 - Food and water security, including natural foods, seafood and freshwater
 - Governance
 - Other?

The aims of the proposed call (After day 1)

- To reduce the **societally important uncertainties** in the Arctic region
 - Global interactions or teleconnections
 - E.g. natural systems (cryosphere changes – mid/low-lat weather patterns, ecosystems)
 - Economics (incentives and effects) and governance
- Enhance pan-Arctic research collaboration

Requirements:

- **Scientists define which key uncertainties to address and why these uncertainties have particular societal relevance**
- Must benefit from existing observation networks, data and models, ...
- Research outcomes must include components which are directly usable for societal stakeholder groups -- data access policy

Reasoning to this choice of aims

- Feeling that original themes were scattered
 - Coherent approach is needed, aiming for international added value
- Science for sustainability – who are the end users & what are their needs?
- Integration and enhancement of Arctic Observing Systems (data, science and end users) to supply needed information on appropriate scales for societal problem solving
- JPI Climate relevance/other JPIs (?)

Funding and instruments

- **Virtual pot**
- **(Review process needs work)**
- **Minimum three countries need to be involved in a proposal**

Funding instruments – depends on the amount of funding

- **Research projects**
- **Small collaboration grants, co-align existing projects**
- **Research infrastructure – probably possible to use different existing infrastructure (probably difficult to fund new)**
 - **Capacity building in and about the Arctic?**
- **A core within a existing (?) research centre with Belmont-focus? This needs to be further development**
 - **Should try to include industry (funding, partner)**

Scientific follow-up

- Establish coordination infrastructures so as to make this joint effort a coherent research program
 - Aim is to ensure knowledge dissemination across the research projects, sharing of 'best practice' on administrative and technical matters etc.
 - Could be annual synthesis meetings, seminars or workshops
 - Held back-to-back with a scientifically relevant international conference or event, or possibly the Belmont Forum Annual Meeting
 - All projects should include a budget for participation in this event

Open issues

- Selection of themes
- Limiting scope of the yesterday's proposal

- Requirements?
 - Both societal and natural sciences?
 - Spatial and national participation?
- Participation level (funders)
 - Funding agencies, only BF, BF+JPI-C, BF+JPI-?
- Funding level and instruments
 - Will the funding agencies 'buy' into all topics, or prioritise some over others?
 - Review process?
- Scientific followup
 - Dissemination, communication between projects, links to other programmes

TODAY TO-DO

- Chosen theme
- Description of requirements
- Instrument(s) and details
- Initial list of funders
- Leading funder(s)