

# Funding options for interdisciplinary collaboration in LUMINOUS

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## Academy of Finland

- Research programmes opening
  1. **ICT 2023 PROGRAMME** - [www.aka.fi/ict2023](http://www.aka.fi/ict2023)
  2. **ARCTIC PROGRAMME** - [www.aka.fi/arktis](http://www.aka.fi/arktis)
  3. **ENERGY PROGRAMME** – [www.energyresearchers.fi](http://www.energyresearchers.fi)
- Targeted calls 19.11-18.12.2013
  - 2 stage application, letters of intent (aiehaku) by 18.12.2013
- Themes
  1. **INFORMATION SECURITY**
  2. **SUSTAINABLE ECONOMY AND INFRASTRUCTURE IN ARCTIC CONDITIONS**
  3. **PRIMARY MINERAL RESOURCES**
- Call text: [http://www.aka.fi/Tiedostot/Hakuilmoitukset/Ylimaarainen\\_hakuilmoitus\\_2013\\_031013\\_en.pdf](http://www.aka.fi/Tiedostot/Hakuilmoitukset/Ylimaarainen_hakuilmoitus_2013_031013_en.pdf)

## Targeted call within **ICT 2023 PROGRAMME**

- The aim of the ICT 2023 programme is improve Finland's scientific expertise in computer science and digital content development
- The programme will bring together universities, research institutes, business companies and funding bodies.
- Besides scientific quality, the review of applications will pay special attention to
  - international cooperation
  - business collaboration
  - cross-sectoral mobility by leading-edge researchers
- ICT 2023 programme website and memorandum:  
[www.aka.fi/ict2023](http://www.aka.fi/ict2023)



## The theme of 1<sup>st</sup> thematic call: **Information security**

- The Academy of Finland and Tekes open parallel calls at the same time
- The projects are 2 years long, and applications for the second round are invited based on the letter of intent and potential interviews
- Interviews to be conducted during weeks 6 or 7
- Decision on who to call for the main call are made in March 2014, deadline for the main call is 2.4.2014
- Funding starts 1.6.2014
- For this first call of the ICT 2023 Programme, 5 M€ are reserved
- The next call will open around the time the first projects are ending



## Targeted call within the **ARCTIC RESEARCH PROGRAMME**

- The funding is targeted at **boosting knowledge-based growth**
- The Academy will allocate funding to research on sustainable economic growth and infrastructure in Arctic conditions
- The Academy is making preparations to launch an Arctic research programme in 2014
  - The research projects that are funded within this targeted call will be incorporated into the Arctic research programme
- The need for Arctic research has been recorded in Finland's Arctic strategy
  - [http://valtioneuvosto.fi/tiedostot/julkinen/arktinen\\_strategia/Suomen\\_arktinen\\_strategia\\_fi.pdf](http://valtioneuvosto.fi/tiedostot/julkinen/arktinen_strategia/Suomen_arktinen_strategia_fi.pdf)



## Themes for sustainable economy and infrastructure in Arctic conditions

- Possible research themes include
  - Sustainable use and refining of Arctic natural resources
  - Logistical systems
  - Environmentally sustainable and low-emission production systems developed for the Arctic
  - Traditional livelihoods
  - Tourism industry in Arctic regions
  - Cross-border Arctic policy
- When making funding decisions, special attention will be paid to how the research impacts knowledge-based growth
- The Academy will allocate a total of EUR 8 million for the calls *Sustainable economy and infrastructure in Arctic conditions* and *Primary mineral resources*
- The funding period starts on 1 September 2014. The funding is normally for four years
- The call has two stages. Letters of intent **18.12. 2013**, full applications by **27.3.2014**
- **More info:** [www.aka.fi/arktis](http://www.aka.fi/arktis)





# ENERGY PROGRAMME

- Still under preparation, will be also a two-stage application, DL for first stage in April 2014
- In 2011, the Board of the Academy of Finland named sustainable energy as one of the grand challenges facing society and humankind
- December 2012: Futures Clinique on Energy Futures 2030 described a society built on
  - Decentralised and diversified energy production
  - Local production and consumption
  - Local and responsible lifestyles
  - Bottom-up power relations as well as across-the-board
  - Systemic sustainability
- A working group is appointed to plan and prepare a research programme
- To support the preparation a dedicated website was launched:  
[www.energyresearchers.fi](http://www.energyresearchers.fi)



## NordForsk

- Call for applications: **Nordic Societal Security research**
  - application deadline 15 January 2014
- Thematic framework
  - Address common Nordic societal security issues.
  - Mobilise and qualify researchers for participation in EU Security research in Horizon 2020.
- Aspects of societal security:
  - Prevention
  - Capacity-building for response and recovery
  - Communication
  - Learning
- The thematic framework described in NordForsk Policy Paper on Societal Security in the Nordic Countries, chapter 3
- <http://www.nordforsk.org/files/call-text-ncoe-nordic-societal-security>

# Horizon 2020

- EU framework programme for research and innovation
- Societal challenges:
  - [Health, demographic change and wellbeing](#)
    - Active and healthy ageing, citizen-centred care, health info and data
  - [Food, agriculture, forestry, water and bioeconomy](#)
    - Food security, blue growth, bioeconomy
  - [Secure, clean and efficient energy](#)
    - Energy efficiency, low carbon energy, **smart cities and communities**
  - [Smart, green and integrated transport](#)
    - Mobility for growth, green vehicles, small business and innovation for transport
  - [Climate action, environment, resource efficiency and raw materials](#)
    - Waste, water innovation, low-carbon resource efficient economy
  - Europe in a changing world
  - Secure societies
- Draft work programmes:
  - [http://ec.europa.eu/research/horizon2020/index\\_en.cfm?pg=h2020-documents](http://ec.europa.eu/research/horizon2020/index_en.cfm?pg=h2020-documents)
- Publication of first calls for proposals: 11 December 2013