

UiO:Energy

Convergence Environments





UiO Energi
Universitetet i Oslo

UiO:Energy Convergence Environments

Information meeting and speed-dating
September 15, 2020



Program

- 09:15** Information meeting – UiO:Energy Convergence Environments, 2020/2021 Call (physical + Zoom)
- 10:00** Refreshments and mingling
- 10:30** Speed-dating, one-on-one (physical only)
- 11:15** Thematic discussions in groups (physical only)

One of three strategic initiatives at UiO



UiO:Energy



UiO:Life Science



UiO:Nordic



The role of UiO – can we contribute to solving the global challenges?

- UiO is classical discipline-based university
- The global challenges are complex
- How can we achieve interdisciplinarity?



Photo: Science/iStockphoto

*“To get people out of their comfort zone [...] it takes **time** and **inducement**. Sometimes it takes **money**.”*

*- Barry Popkin,
Univ. of North Carolina*

UiO:Energy – four main research areas



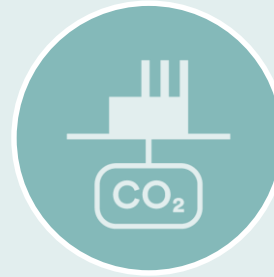
Materials for Energy

new materials for more sustainable and efficient energy use



Energy Systems

new energy systems to balance the multitude of energy sources and to optimize energy use



Carbon Capture and Storage

improved technologies to reduce CO₂ emissions from fossil fuels



Energy Transition and Sust. Societies

new knowledge about societal, political and judicial aspects to accelerate the transition to a low-carbon society

Sustainable Energy

Participants



Agenda – information meeting

- Presentation of the scheme, timeline, requirements
- Details on stage 1 of application
 - Sketches, why and what?
 - Evaluation process
- RCN: Large-scale Interdisciplinary Researcher Project
- Q&A



UiO:Energy Convergence Environments

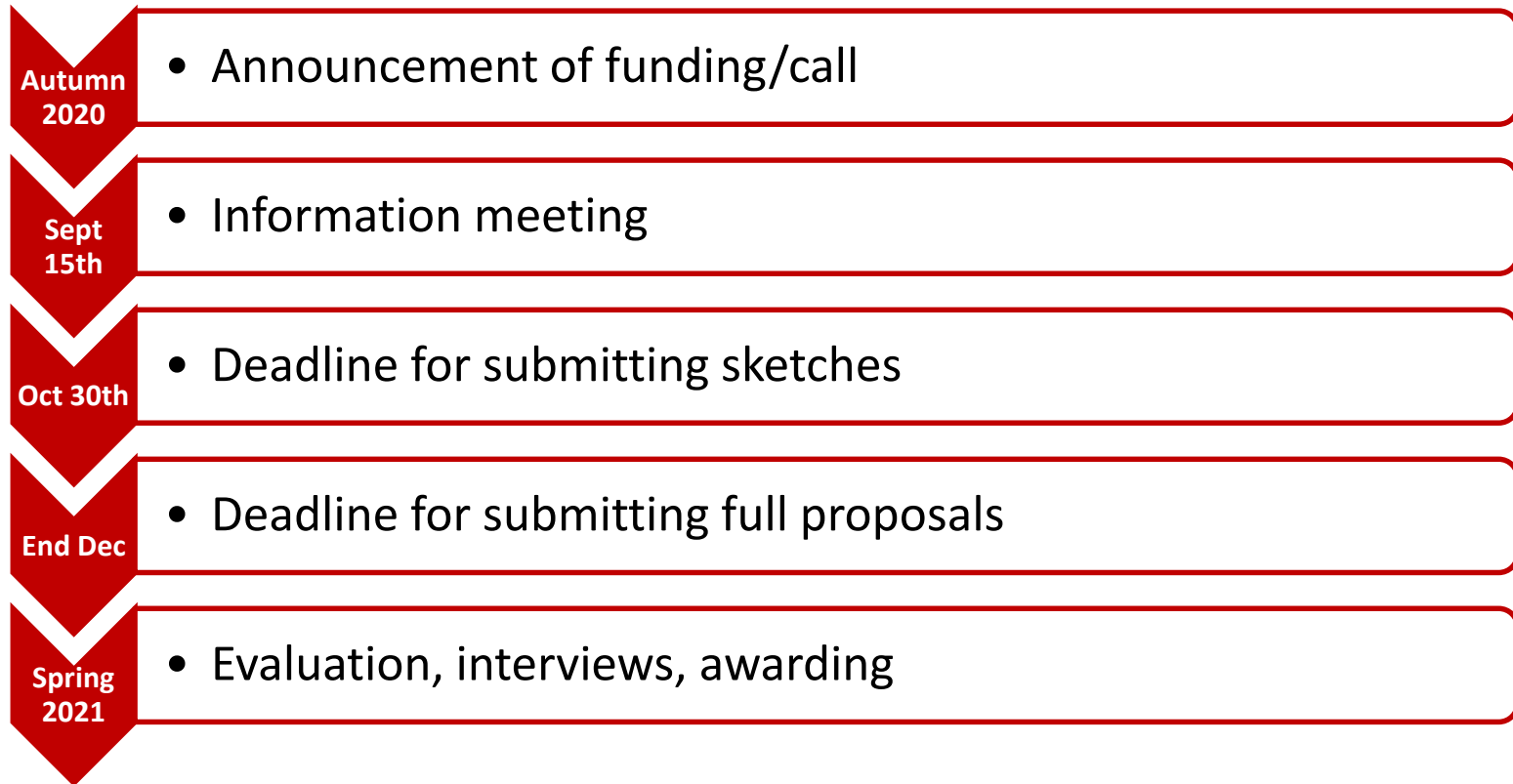
Convergence environments shall strengthen collaboration across the university and increase the interaction between researchers and relevant stakeholders

Each UiO:Energy Convergence Environment shall:

- **Advance sustainable energy research** at UiO, be in line with UiO:Energy's mandate and match at least one of UiO:Energy's four main research areas
- Bring together UiO researchers from different disciplines around a common theme, **enhancing collaboration and interdisciplinarity**
- **Interact with relevant partners and stakeholders** nationally and internationally
- Increase UiOs **impact and visibility** related to green value creation and the decarbonisation of the energy sector
- **Recruit, educate and develop young researchers** within a cross-disciplinary environment



Timeline, UiO:Energy Convergence Environments





Requirements

- Convergence Environments must be developed within one or several of UiO:Energy's main research areas
 - Energy Transition and Sustainable Societies
 - Energy Systems
 - Carbon Capture and Storage
 - Materials for Energy
- Address societal challenges that are too complex for a single discipline
- Include partners from at least three dep./centres and two faculties/centres
- Project leader has to be employed at UiO
- Plan for *at least* 3 recruitment positions
- Should include active collaboration with relevant stakeholders
- *Active collaboration with relevant international research groups encouraged*

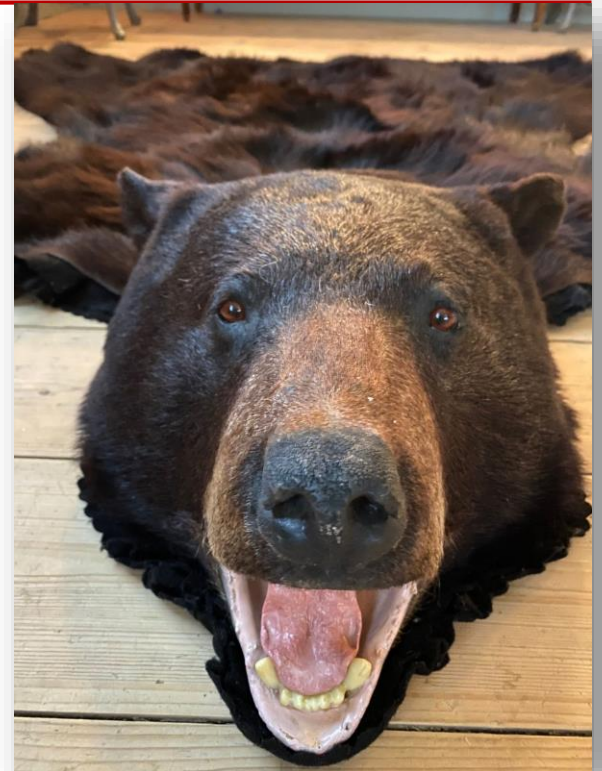


Funding and activities

- Duration 4 years
- 3-6 recruitment positions (PhD, PostDoc and/or Researcher) *)
 - Funded by participating units or UiO:Energy funding
- 4 MNOK to cover strategic positions
 - Up to 1 MNOK for adjunct positions (Prof II/Ass. prof II)
 - At least 3 MNOK for recruitment position(s)
- 200 000 NOK annual allowance (800 000 NOK total)
 - Activities to promote collaborations such as seminars, workshops, public debates, exchange/visits to/from external partners
 - Development of new educational programs/courses (some additional start-up funding also available in separate UiO:Energy call)
 - General running costs

*)

-
- Recruitment positions are a bit tricky...
 - Norwegian proverb: “***Man skal ikke selge skinnet før bjørnen er skutt***”
 - Or in English: “*Don't count your chickens before they're hatched*”





Sketches, purpose

- Ensure projects fulfil formal criteria and are in line with UiO:Energy mandate and programme platform
- Provide guidance, avoid duplication of ideas, ensure that partially overlapping projects ideas talk to each other
- **Get information about planned recruitment positions so that UiO:Energy may assist in securing financing**
- Get information about possible scientific experts for the evaluation of full proposals
- *NOTE: Submitting a sketch is required to be allowed to submit full application!*

Sketch UiO:Energy Convergence Environments 2020/21 call

Name (first and last name) of the person filling out the application form *

Katinka Elisabeth Granli
This field was automatically filled in

e-mail of contact person *

katinka@uio.no
This field was automatically filled in

Sketch for project proposal to UiO:Energy Convergence Environments. The information below must be filled out and submitted by October 30th. For more information see [here](#).

The sketches will be handled administratively by UiO:Energy. Each applicant will receive a brief comment with recommendations. The sketches and feedback shall serve four main purposes:

- Ensure that projects that do not fulfil formal criteria or are not in line with the UiO:Energy mandate and programme platform gets the appropriate feedback before a lot of work is been put into a final application
- Provide guidance to applicants of other relevant researchers/partner at UiO and avoid duplication of ideas from different applicants, ensure that projects that need to talk to each other get that information
- Provide UiO:Energy with information on planned recruitment positions in each application so that we can do our best to help secure as many of them as possible from relevant units
- Provide UiO:Energy with information on possible experts for the evaluation of the full proposals



Sketches, information

- Project title and leader
- General information on affiliation
- Brief description of project idea
- Timeline and major milestones
- Information on recruitment positions (use template)
- Suggested experts for the evaluation

Information about recruitment positions (type, host and period of employment)

For each position, please fill out the table below with the following information:

- type of position (PhD, PostDoc or Researcher)
- planned host of the position faculty/centre/museum/dept
- duration of position (months or years)
- period of employment

Type of recruitment position	Host	Number of years (months)	Period (start and end year/month)
Position 1:			
Position 2:			
Position 3:			
Position 4:			
Position 5:			
Position 6:			



Evaluation process

– Sketches:

- Only administrative evaluation → recommendations

– Full application:

- Review
 - Scientific experts (to be nominated by the applicants in the sketch)
- Interview/presentation
 - Panel, involve UiO:Energy Strategic Advisory Board (SAB)
- Final decision
 - The UiO:Energy board
- *Exact details to be announced later – partially dependant on Covid-19, partially on the number of applications*



Not happy with the call???

- The final version of the call will be published later this month
- We welcome comments and suggestions regarding this brand new funding scheme!
 - Please send them to UiO:Energy (k.e.gronli@energi.uio.no) by email no later than September 22.





And yet another call...

- From the Research Council of Norway:
 - «Large-scale Interdisciplinary Researcher Project»
 - Deadline: 10 February 2021 13:00
 - Budget: MNOK 12-25
 - Duration: 48-72 months
 - Thematic areas: Ground-breaking research, climate and polar research
 - *Fellesløftet IV* – UiO must provide 50% own contribution



Q & A

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Speed-dating, one-on-one

- Starting at 10:30 in this room
- Everyone will meet everyone
- 2 minutes per meeting, then rotation
- *Meeting new energy colleagues, while keeping your distance...*

Thematic discussions - groupwise

Energy transition – FAROS 1

Sustainable communities and societies
Consumer behaviour
Innovation and technology development
Ecological design
Energy justice

Energy, climate and environment – FAROS 2

CCS
Circular consumption, production and economy
Political aspects
Social psychology

Energy storage and conversion - STRATOS

Hydrogen
Batteries
Catalysis
Thermal storage and thermal systems



Energy production - NIMBUS

Solar energy
Wind energy
Hydropower
Prosumers
Energy conflicts/social psychology

Energy systems – OPEN AREA

Energy models/modelling
System integration
Local-global scale
Smart grids
ICT
Law and regulations

More information

- [The call](#)
- Application portal / [nettskjema](#)
- [Template](#) for temporary positions
- UiO:Energy is happy to further assist in finding/matching both researchers and disciplines!
- Contact: vebjornb@energi.uio.no, katinka@energi.uio.no



**Thanks for
your attention!**