
FACULTY OF ARCHITECTURE AND FINE ART
DEPARTMENT OF ARCHITECTURAL DESIGN, HISTORY AND TECHNOLOGY
PH.D POSITION

The successful PhD candidate will examine how bioregionalism can be translated into the local cultural, political and ecological context of the construction sector in South-Trøndelag, with particular focus on the promotion of high-quality, environment-friendly lifestyle and technology in the built environment. This PhD scholarship was donated by South-Trøndelag County related to the 100th anniversary of the Norwegian University of Science and Technology.

Bioregional Development of the Construction Sector in Trøndelag

One of the most promising strategies towards realizing the transition to a low-carbon, renewable society is to create new and robust links between producers and consumers on a local/regional scale, based on local and renewable resources. This approach is also known under the term **bioregionalism, emphasising local population and industry, knowledge and resources**. In order to participate in this transition, Trøndelag faces the urgent challenge to examine how bioregionalism can be translated into the local cultural, political and ecological context in all domains of everyday life.

Brøset and Bioregionalism

In the Norwegian programme Cities of the Future (Framtidens Byer), Trondheim municipality has taken the initiative to develop a carbon neutral settlement at Brøset.

The concept of bioregionalism will be central to the Brøset project because it will be impossible to meet the stringent emission targets (3PC) without substituting existing carbon intensive products and services with solutions that are based on local materials and renewable energy. A focused initiative on developing bioregional business concepts for Trøndelag can be localized at Brøset, benefiting from the synergies of this project as one of the largest and most ambitious environmental initiatives in a Norwegian and international context, while targeting a much larger geographical region, depending on the products and services in question. **Within this context, NTNU researchers aim to create a centre for bioregional development in the construction sector, including four main tasks:** (1) a visitors' centre with exhibitions and demonstration housing; (2) day-to-day facility management of the Brøset neighbourhood and its users; (3) a bioregional centre for innovation, incubation and dissemination of products and services; and (4) consultancy on environment-friendly construction and lifestyle.

The successful PhD candidate will examine how bioregionalism can be translated into the local cultural, political and ecological context of the construction sector in South-Trøndelag, with particular focus on the promotion of high-quality, environment-friendly lifestyle and technology in the built environment. The candidate preferably has a professional background in environmental economics, governance, facility management or other disciplines related to managing transition processes in the construction industry. She/He will work in tight co-operation with the researchers, local government and industry who are aiming to develop a centre for bioregional development in

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All korrespondanse som inngår i saksbehandling skal adresseres til saksbehandleren ved NTNU og ikke direkte til enkeltpersoner. Ved henvendelse vennligst oppgi referanse.

the construction sector in South-Trøndelag. Proficiency in Norwegian language is therefore preferable.

For further information, please contact Associate Professor Annemie Wyckmans, phone +47 73593666 / 40871863, e-mail annemie.wyckmanns@ntnu.no or Research Fellow Stig Larssæther, phone +47 47819181, e-mail stig.larssather@ntnu.no, Faculty of Architecture and Fine Art, NTNU.

Ph.d.-candidates are normally appointed for 4 years including the 25% duty work, but an appointment for 3 years without work duties, may also be possible.

Salary level for Ph.d-position is 48-61 in the Governmental Salary scheme, normally Salary level 48, gross NOK 383 700 per annum, of which 2 % is deducted for the State Pension Scheme. The salary may be adjusted to reflect the applicant's experience. The appointment requires enrolment in the Ph.d. programme. See also information on the pages: <http://www.ntnu.edu/studies/phd> and <http://www.ntnu.no/studier/arkitektur/phd>.

Applicants must agree to participate in organized doctoral study programme within the period of appointment, and appointment will not be made until the candidate is admitted to the Ph.d.-program. A contract will be drawn up for the candidate for the period of appointment and work-related rules.

A description of the research plan with a proposal for methodological approaches for both Ph.d. and post doc projects must be attached the application (maximum 5 pages). It must also contain information regarding educational background, exam and work experience. Copies of transcripts and reference letters should be attached. Result from work achieved in cooperation with others, e.g. in groups, will be considered. However, if the impact of the applicant is not evident, a brief description of the role of the applicant should be attached.

The successful applicant must agree to the prevailing conditions, and must accept possible changes in the field of work. Former work experiences with relevance for the position may be credited.

The governmental labour force should to the greatest possible extent reflect the diversity of the population. It is therefore a major personnel policy objective to achieve a balance of age and gender and to recruit persons with immigrant background. The appointed candidate must agree to the prevailing conditions applicable for public employees.

Applications with Curriculum Vitae, certified copies of transcript and reference letters should be submitted electronically through JobbNorge: <http://jobb norge.no>.

Mark the application with reference number AB-13-11.

Deadline: 26. april 2011.