

Researcher Renovation Passport

Do you want to contribute to the sustainable transformation of our built environment using smart data solutions? And do you have experience with renovation processes, the energy transition, and digital tools in construction? Then we have a great opportunity for you!

The energy transition requires a massive renovation effort for existing buildings. As part of the *RenoDat – Accelerating Building Renovation and Decarbonization through Data Integration* project, we are developing an innovative approach: the Renovation Passport. This tool supports homeowners, municipalities, and construction professionals in step-by-step, data-driven building upgrades. As a researcher, you will lead the design, development, and testing of a prototype tailored to the Dutch context. You will collaborate with partners including Chill Services, municipalities, and construction companies.

What you will do

You will contribute to a Work Package that focuses on Renovation Passport Development and Integration within the RenoDat project. Your tasks will include:

- Leading the co-design, development, and testing of a Renovation Passport prototype adapted to the Dutch context.
- Conducting fieldwork with industry partners (e.g. Chill Services) to assess data and software needs from various stakeholders (homeowners, municipalities, contractors).
- Coordinating iterative user testing and demonstration phases.
- Contributing to national building data standardisation and ensuring alignment with EU-level frameworks.
- Analysing existing energy advice models through stakeholder interviews and effectiveness evaluations.
- Defining key performance indicators (KPIs) and developing an evaluation framework for personalised renovation advice, focusing on energy outcomes and user satisfaction.

Co-developing and implementing training programmes to equip construction professionals, volunteers, and advisors with data-driven renovation skills.

Where you will work

You will be part of the Research Centre for Built Environment NoorderRuimte at Hanze University of Applied Sciences Groningen. NoorderRuimte conducts applied research into the built environment in the northern Netherlands. Our key themes include earthquakes, health & wellbeing, liveability and sustainability. The centre comprises seven research groups with over 80 active researchers, including professors, postdocs, PhD candidates, lecturer-researchers, and students. You will join a multidisciplinary consortium of public, private, and community partners. Your main location will be Groningen, but you will also work at partner sites as needed.

What we ask of you

- Demonstrated expertise in architecture, building design, and energy-efficient renovation.
- Experience in stakeholder engagement within the built environment.
- Familiarity with digital building tools such as BIM, EPC software, and data governance frameworks.
- A user-centred mindset and experience with co-design methodologies.
- Ability to work in interdisciplinary, cross-sector teams.
- Strong communication skills in both English and Dutch (or willingness to learn Dutch).

This is what you get in return

We offer you a dynamic and interdisciplinary research environment where you will work with a leading team on one of today's greatest challenges: the energy transition in the built environment.

- A position of 0.2 FTE, starting 1-9-2025.
- Initially, we offer a one-year contract.
- Scale 11 (min. € 4.013,- en max. € 6.114,-), in accordance with CAO-HBO. A gross monthly salary for a full-time appointment.

Curious to know more?

If you want to know more about this position, you can contact Amar Bennadji:

a.bennadji@pl.hanze.nl. Please do not use this email address for your application (click on Apply-button).

Will you become our new colleague?

Then send your resume and motivation, **written in English**, via the application button.

- Closing date is: **31/08/2025**.

- Interviews will be on: **Friday, 5 September 2025**.

Acquisition in response to this advertisement is not appreciated.