

Assignment student EnTranCe Energy Transition Community

Project title: Transition of school building process
Suitable for students of: <i>Multiple choices are possible</i>
<input type="radio"/> MBO <input checked="" type="checkbox"/> BuitenWerkPlaats Built Environment (2 nd yr, 1 block) <input checked="" type="checkbox"/> Vastgoedlab V&M (3 rd yr) <input checked="" type="checkbox"/> Bachelor graduation assignment (4 th yr) <input type="radio"/> Bachelor internship (limited possibility in daily guidance) <input checked="" type="checkbox"/> Research assignment in curriculum year 4 <input checked="" type="checkbox"/> Honours research assignment <input checked="" type="checkbox"/> Master thesis
Study Program: Built Environment (SABE), Facility Management, Vastgoed&Makelaardij, PABO, Technische Bedrijfskunde, e.a.
Period: februari 2018 – juni 2018
Language: NL/ENG
Client: ETC sustainable buildings transition group construction process (Hanze Vastgoed Projecten, ABCnova bouwmanagement)
Internal client: Ron de Vrieze, lector Mieke Oostra

Background (facts, situation sketch and parent/organization goals)

Fast global changes affect not only the climate but also the construction industry. New questions arise, for example, how to deal with these changes and all different and even contradictory interests, fast changing needs and unknown future changes. In order to come to a real (energy) transition, construction industry has to reconsider its regular and mainly technical oriented processes of (school) buildings design. Construction industry wants to increase their focus on end-users interests, on a circular approach of construction materials and energy resources, and wants to be more adaptive for future changes. To succeed into a real innovation it needs a multi-disciplinary approaches. An earlier research points out that team-member settings in project-groups should consist not only technical disciplines but also other domains (e.g. psychology, biology, environmental sciences et cetera). To establish a balanced team it needs furthermore a selection of personal characteristics (e.g. see Belbin test). In order to control human behavioral factors in decision-making, psychological observing and interventions are part of the new process.

Problem (description of the undesirable situation)



Hanzehogeschool Groningen

University of Applied Sciences

The problem is that current construction industry is dominated by technical disciplines that cause huge unbalances into the design process lacking the environmental, ecological or biological value of interests.

Objective (description of the desired situation)

Desired is to observe the whole process, which has been started recently, to come to an alternative process for school design (to establish on the Building site next Entrance).

Result deliverable/product (what is ready if the project is finished) with list of part results

Study report of the process

Competence level

2, 3

Connected to Change Agency ETC

Multiple choices are possible

- Sustainable Building
- Sustainable Mobility
- Local Communities

Interested or further information

You will be working in the context change agency sustainable buildings on EnTranCe. You will be working in a multidisciplinary team. For detailed information on this assignment contact R.de. Vrieze (EnTranCe); r.de.vrieze@pl.hanze.nl; M 06 22399269

How to respond to the vacancy

Send a motivation letter and CV to EnTranCe, Energy Transition Community, etc@org.hanze.nl Attn. Mrs. Jacqueline Joosse, Office Manager EnTranCe. **Note:** If the job does not fit directly with your specific interest, please contact via etc@org.hanze.nl or 050-5954708

Website: <http://en-tran-ce.org/for-students/assignments/>