In today's cities, where urban activities are intense, housing quality is desired to be prioritized instead of housing quantity. The graduation project will be focusing on the idea of an urban heterotopy that shelters a productive and creative community and helps Beylikdüzü area to become a self-standing settlement rather than an one-directional annex of the city. The main objective is to bring together the creative, productive idea generators with the newly developed valley of life in Beylikdüzü. In this context, we are asking the participants of Jury E for visionary proposals for a creative habitus, where learning is limitless, like the academy, and this meeting is enriched with the synergy created by the inhabitants: the main body of the habitus.

The habitus will be developed as a living & working environment that provides accommodation, working, residential and recreational spaces for mentors who produce ideas; and multi-purpose exhibition, workshop and performance areas. In addition, accommodation and working areas are required for the young people who will be accepted during the mentorship periods. It is important that the target area is designed as a permaculture that incorporates its own energy and food production strategies and can be spreadable. The area is to perform like a stem cell that transforms the city from an unattractive, unhealthy consumer / profit realm, to a livable habitus. The project area selected in Beylikdüzü can be articulated as an easily accessible but specialized escape area within the city in relation with the existing social, economic and cultural networks. Proposals are hoped to contribute to the present visions of the Beylikdüzü Municipality.
Beylikdüzü
Creative Habitus

jury members:
Assoc. Prof. Dr. Yüksel Demir, Assoc. Prof. Dr. N. Ömer Erem, Prof. Dr. Aslıhan Tavil
Assoc. Prof. Dr. Oğuz Haşlakoğlu, M.A. Landscape Architect Enise Burcu Derinboğaz

advisors:
Mehmet Murat Çalık (Planner, Mayor of Beylikdüzü Municipality)
Cihan Şehla (Planner, Msc., Technical Coord. Beylikdüzü Municipality)
Anıl SARICAN DELİBAY (Planner, Msc., Chief Planner, Beylikdüzü Municipality)

reporters:
Res. Assist. Begüm Hamzaoğlu hamzooglu@itu.edu.tr, Res. Assist. Elif Öz oze17@itu.edu.tr
1. Definition and Conceptual Frame of the Theme

In today's cities, where urban activities are intense, housing quality is desired to be prioritized instead of housing quantity. The graduation project will be focusing on the idea of an urban heterotopy that shelters a productive and creative community and helps Beylikdüzü area to become a self-standing settlement rather than an one-directional annex of the city. The main objective is to aggregate the creative and productive idea generators with the newly developing “Valley of Life” in Beylikdüzü. In this context, we are asking the participants of Jury E for visionary proposals for a creative habitus, where learning is limitless, like the academy, and this meeting is enriched with the synergy created by the inhabitants: the main body of the habitus.

The main intention is to be able to create and support a live-learn-produce community. The habitus is anticipated to exist as a living & working environment that provides permanent and temporary residency, working and recreational spaces for people who produce creative ideas. Residents will be senior and/or mentor artists, junior artists, local neighbours, interns and personnel of the complex. Senior and mentor artists will live in this place permanently with others who wish to be neighbour with artists and willing to sponsor them within the same milieu in at least one year interval. Junior artists, interns, guest educators and guest artists will accommodate temporarily for a period of time. This habitus aura is assumed to create an environment in which artists will majorly work on ideation and creation of their work purified solely from any financial issues with the sponsorship of their neighbours.

Working activities are considered to occur as workshop, art-based education, atelier studies, researches, sharing and reading spaces. Activities spaces are expected to reflect a university culture and shall serve as a core of a creative campus. This center needs to be a place for loud & quiet activities, fellowship, engagement, transparency and intimacy, collective learning and making in order to support habitants life in every aspect. All these activities shall be shared with people who are willing to participate, watch, encounter and contribute to habitus within purposeful mixture of closed, semi-closed, and open areas, passages, spaces of meeting and production. These activities may gather in a public interface where amenities like eating, drinking, informal gathering spaces, recreation spaces, exhibitions, sales stores, representation areas like conference hall and seminar spaces.

The project site is located next to “Beylikdüzü Valley of Life” which is a green belt that connects inner parts of the region to the coastline. The project is named as “Green Focus” and is a one million square meters landscape design with recreation, sports and leisure facilities surrounded with housing buildings. Due to the global warming issues, today energy saving and self - containment is becoming more important. Hence, habitus design is expected to create a permaculture that incorporates its own energy and food production strategies which can be spreadable. Jury E students are expected to develop design strategies that creates links among, the valley, surrounding site and coastline in terms of
environmental and contextual orientation. The area should perform like a stem cell that transforms the city from an unattractive, unhealthy consumer / profit realm, to a livable habitus. The project area selected in Beylikdüzü can be articulated as a pedestrian friendly settlement without avoiding safety, security and accessibility design strategies but specialized escape area within the city in relation with the existing social, economic and cultural networks.

The project area is located at south part of Beylikdüzü in Sahil neighbourhood, İstanbul; an area surrounded by valley of life on the north and south side and by summer houses on the west and east side.

Aerial photograph of site and its surrounding

2. Aim and Scope

Graduation project, as an essential phase of architectural education, aims to bring the students into adequate architectural knowledge, reasoning, skills and decision-making mechanism. It aims to validate that each student has acquired the understanding and competence necessary for the architectural profession. It requires the demonstration of the knowledge and skills to produce an architectural solution and to make design decisions about a single project as well as a comprehensive integration and consideration of design knowledge and decisions across systems, scales and disciplines.

The graduation project consists of the student projects, 3 jury sessions to be held throughout the semester, a sketching exam and a final review. The final product is expected to culminate from the program defined in the brief. The semester-long design process concludes with an outcome of an architectural project reflecting students’ performances, intellectual actions, and their approach to architectural research and analyses within a given scope. The development of each student is examined and improved through jury evaluations and critics.

>>Project:
The project will be the outcome of the students’ studies on the given subject and especially their personal arguments and efforts. The result is expected to be developed in guidance of the specified architectural program, urban context and other conditions concerning the location and program.

>>Jury Sessions:

The project developed by the students will be presented to the jury members at the indicated dates. All the drawings and other requested documents should be prepared for the sessions, in order to be reviewed and evaluated by the jury. In these sessions the jury members will share their critics and comments on the proposals. All the printed material that will be presented should be handed over personally to the evaluation committee one day before the indicated date, until 18:00. On the day of the jury session, all the students are expected to be present at 09:00 to prepare the spatial organization for the jury to review the posters and presentations. The reviewing order of the projects will be determined on the jury day. Participation is mandatory.

>>Sketch-Exam:

Sketch-exam is another important component of the diploma project. The aim of the exam is proving the students’ skills of dealing with a design problem in a given time period, without receiving help from any external source, except their own knowledge and experience. It is mandatory to take the exam, which will take place on the 27th of November, 2019, Wednesday, 09:30 - 17:30.

>>Final Jury:

Final Jury will be held for the presentations and explanations of the completed projects. Besides that, the jury members may ask students various questions in order to gain insight about the students' approach. The project is not be regarded as the sole input for evaluation.

The final evaluation and grading includes all the stages, i.e. the final project, preliminary and final juries, and the sketch-problem together; the project should not be regarded as the single input for the final evaluation.

For the recent diploma project procedures:
http://darch.itu.edu.tr/bitirme/

3. Evaluation Criteria

1. Attendance to jury, workshop and board sessions
2. Personal evaluation of the design problem, ability of approaching design problems in a multi-dimensional way, performance of carrying out the whole design process in a critical way
3. Expected competence in establishing relations of design decisions with context, program and spatial-formal-tectonic layout
4. Adequate usage of representation tools in the production, development and communication of design concepts, competence in multidimensional representation media
5. Submission of required materials both for the jury session and final submission.
### 4. Schedule

<table>
<thead>
<tr>
<th>Date</th>
<th>Definition</th>
<th>Time</th>
<th>Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>September 18, 2019</td>
<td>Submission of the project brief</td>
<td>13:30</td>
<td>3406</td>
</tr>
<tr>
<td>September 25, 2019</td>
<td>Site Visit</td>
<td>14:00</td>
<td>Beylikdüzi Belediye Bus stop</td>
</tr>
<tr>
<td>September 25, 2019</td>
<td>Deadline for submitting questions</td>
<td>17:00</td>
<td>Student Affairs</td>
</tr>
<tr>
<td>September 27, 2019</td>
<td>Announcement of the answers</td>
<td>13:30</td>
<td>Student Affairs</td>
</tr>
<tr>
<td>October 15, 2019</td>
<td>Submission of documents and models for 1st Jury</td>
<td>16:00-18:00</td>
<td>3406</td>
</tr>
<tr>
<td>October 16, 2019</td>
<td>1st Jury</td>
<td>09:30</td>
<td>3406</td>
</tr>
<tr>
<td>November 19, 2019</td>
<td>Submission of documents and models for 2nd Jury</td>
<td>16:00-18:00</td>
<td>3406</td>
</tr>
<tr>
<td>November 20, 2019</td>
<td>2nd Jury</td>
<td>09:30</td>
<td>3406</td>
</tr>
<tr>
<td>November 27, 2019</td>
<td>Sketch-Exam</td>
<td>09:30-17:30</td>
<td>Will be announced later</td>
</tr>
<tr>
<td>December 17, 2019</td>
<td>Submission of documents and models for 3rd Jury</td>
<td>16:00-18:00</td>
<td>3406</td>
</tr>
<tr>
<td>December 18, 2019</td>
<td>3rd Jury</td>
<td>09:30</td>
<td>3406</td>
</tr>
<tr>
<td>January 21, 2020</td>
<td>Submission of documents and models for final jury</td>
<td>16:00-18:00</td>
<td>3406</td>
</tr>
<tr>
<td>January 23, 2020</td>
<td>Final Jury</td>
<td>09:30</td>
<td>3406</td>
</tr>
</tbody>
</table>

*All additional activities will be announced later.

### 5. Documents to be Submitted to the Students

- **Graduation Project Brief**
  
  A digital copy of the brief and all related documents (maps, photographs, etc.) will be shared online below.

https://drive.google.com/drive/folders/1PbpqbxcaHeNpPSDmRDLhWCKgkJF7Igi?usp=sharing
6. Required Materials for Jury Evaluation

The materials for jury evaluation is specified both for students and jury sessions however there will be some common requirements. Jury members may ask additional contents from students for their process through juries.

**Requirements for the 1st JURY**

**A1 (portrait) presentation boards (maximum 2 boards)** which must show ideas, concepts and decisions that were improved through research and analyses for the project proposal and scenarios for the whole of the urban area by using different representation techniques like schemas, diagrams, drawings, texts, photographs, perspectives, models, collages, films... specified by individual approaches and in convenient various scales. Students are encouraged to develop various alternatives.

**Inspirational precedent analysis** (showing intentions regarding spatial, morphological approaches, tectonics, material choices etc.)

**Site plan using appropriate scale** (1/5000, 1/2000, 1/1000, 1/500)

**Plans, sections, elevations and silhouettes** of urban and architectural design decisions that discuss the programmatic and architectural design concept with spatial proposals for life scenarios using appropriate scale (1/1000, 1/500, 1/200...)

**Physical model** in 1/1000 (urban relations) and or 1/500 (focused on project area) scales. The students are expected to include model photos in posters.

**A3 prints** of all submitted presentation boards for summarizing the whole project

**Requirements for the 2nd JURY**

**A1 (portrait) presentation boards (maximum 4 boards)** that must show life scenarios and architectural decisions that were developed through research and analyses for the project proposal and scenarios by using different representations like schemes, diagrams, drawings, texts, photographs, perspectives, models, collages, films... specified by individual approaches and in convenient various scales. Descriptions of the all main aspects of design. Proposals are expected to be more developed in terms of spatial, morphological, structural, constructional aspects.

**Site plan using appropriate scale** (1/5000, 1/2000, 1/1000, 1/500, 1/200, 1/100...)

**Plans, sections, elevations and silhouettes** of urban and architectural design decisions that discuss the programmatic and architectural design concept with spatial proposals for life scenarios using appropriate scale (1/1000, 1/500, 1/200, 1/100, 1/50...)

**Plans, sections, elevations and perspective drawings that helps understanding of all spatial arrangements** showing architectural design decisions (spatial relation scenarios, interpretations of the programme and operational systems and the research about subsystems i.e. structural
system, building element systems and service systems’ type and materials) and their representative drawings in 1/500 and/or 1/200 scales.

**Physical model** in 1/1000 (urban relations) and or 1/500 (focused on project area) scales. The students are expected to include model photos in posters.

**A3 prints** of all submitted presentation boards for summarizing the whole project.

**Requirements for the 3rd JURY**

**A1 (portrait) presentation boards** that must show life scenarios and architectural decisions that were developed through research for the project proposal and scenarios by using different representations like schemas, diagrams, drawings, texts, photographs, perspectives, models, collages, films... specified by individual approaches and in convenient various scales.

**Site plan** in 1/1000, and 1/500

**Plans, sections, elevations and silhouettes** of urban design decisions that discuss the programmatic and architectural design concept with spatial proposals for life scenarios in 1/1000 and 1/500 scales.

**Plans, sections, elevations and perspective drawings** that show architectural design decisions (spatial relation scenarios, interpretations of the programme and operational systems and the research about subsystems i.e. structural system, building element systems and service systems’ type and materials) and their representative drawings in 1/500 and/or 1/200 scales.

**Sections** that show subsystems i.e. structural system, building element systems, service systems and their components (materials) in 1/50 scale. System drawing (partial system section, partial plan and partial elevation), which comprise structural system, building element system, service system and their components (materials and details) in 1/20 scale.

**Physical model** in 1/1000 (urban relations), 1/500 (focused on project area), 1/200 (partial) The students are expected to include model photos in posters.

**A3 prints** of all submitted presentation boards for summarizing the whole project

**Requirements for the FINAL JURY**

**A1 (portrait) presentation boards** that show the ideas and decisions that were developed through research for the project proposal and scenarios by using different representations like schemas, diagrams, drawings, texts, photographs, perspectives, models, collages, films... specified by individual approaches and in convenient various scales. Photos of the physical model should be embedded into the boards.

**Site plan** in 1/1000 scale.

**Plans, sections, elevations and silhouettes** of urban design that discuss the programmatic and spatial proposals for life scenarios in 1/1000 and 1/500 scales.
Plans, sections, elevations and perspective drawings that show architectural design decisions (spatial relation scenarios, interpretations of the programme and operational systems and the research about the materials, details and technical subsystems) in 1/500, 1/200 scales.

Sections that show subsystems i.e. structural system, building element systems, service systems and their components (materials) in 1/50 scale. System drawing (partial system section, partial plan and partial elevation), which comprise structural system, building element system, service system and their components (materials and details) in 1/20 scale.

Physical models in 1/1000, 1/500 and 1/200 scales. The students are expected to include model photos in posters.

+A3 Portfolio

For the final presentation an A3 booklet will be submitted as a summary of the whole process of the work done during the Graduation Project including the architectural design report attached.

+ CD

The CD will contain the all the submitted digital material such as :

+ Uploading digital files to the Google Drive file to the following link (use the directory with your name):
https://drive.google.com/drive/folders/1PbpqbxcaHeNpPSDmRDLhWCKKgJIF7IGl?usp=sharing

7. Presentation Guidelines

The size for the presentation boards to be submitted is A1; to create larger layouts, A1 boards can be juxtaposed. Orientation of the A1 boards must be portrait.

A3 prints of each presentation board will be submitted on each jury.

The ground level plans, sections, and elevations must include the immediate surroundings, transportation (vehicle and/or pedestrian) connections and close landscape of the building.

The method of presentation is on students’ choice, provided that the students themselves prepare and present the material. The type of paper, drawing methods, use of manual or digital representation techniques, 3D modeling of the project proposal and use of color is left to discretion of the student. Any type of material is allowed as long as they merit use in the Graduation Project. In addition to these, students are advised to submit properly formatted documents if sketches, graphics and textual descriptions depicting the process are to be used. Posters are to be prepared with a view to project integrity and ease of exhibition and preservation. Also each poster, layout plan and model will be organized from the same viewing direction graphically. Expressing the architectural project in its entirety and authenticity will be taken into consideration in the evaluation.
8. Architectural Brief and Programme

The site is approximately 40,000 square meters. Students are expected to provide a conceptual framework regarding the architectural proposals. This conceptual framework is thought as something that affects and redefines the patterning between the programmatic categories listed below. Proposed program components can be listed as follows:

Habitation

Habitus comprises housing and lodging for accommodation for different sort of residents. The distribution of the residence is considered as follows;

- Permanent residence (long term stay) for;
  - Senior artists and full-time educators: 15%
  - Permanent and temporary financier neighbours: 40%

- Temporary residence (Alternative lodging possibilities as residency, exchange, sofa hosting, room rentals, swapping etc.) for;
  - Junior artists: 30%
  - Part-time educators and academicians: 5%
  - Interns, guest students and personnel: 10%  

  (~40% of total area)

Activity Spaces

In which collaborative production work ensues with participation of permanent and temporary residents within the following closed, semi-closed or open spaces which will be developed according to the scenarios of students:

- Workshop and atelier spaces for individual and group work within size, number and specifications that would support creative campus idea.
- Spaces for collaborative work, presentation, seminars, practical and academic researches organized with up-to-date techniques (broadcasting, printed press, digital media, etc.).
- Research spaces and/or library capable of exchanging data with peer organisations within a limitless learning concept.
- Permaculture based food production and a self-contained energy concept should be developed across the habitus.
- Management offices with a defined managerial system.

  (~20% of total area)

Public Interface

The interface will serve as a transition space between the habitus and the city.

- Indoor, outdoor, semi-indoor meeting spaces for various scenarios (small and large halls, together with dedicated services, should be proposed and adequately developed by the student for various possible types of meetings).
- Eating, drinking and informal gathering spaces, exhibitional and representational areas.
- Indoor or outdoor spaces for marketing and representing the habitus products to public and relevant people which will be developed according to the scenarios of students.
- Conference hall for 150-250 people suitable for performance, entertainment and conference activities and separate multi-purpose halls with proper technical facilities.
Services and Technical Spaces
- Employee spaces (service, security, management, etc. according to the scenarios developed by the students) - HVAC, storages, cleaning rooms, emergency shelter, etc. - Toilets, services etc.

Parking
- Number of vehicles are related to the proposals.
- 70% closed, 30% open

Circulation
- Adequate vertical and horizontal, visual and spatial connectivity should be provided, how circulation may be part of the life of the facility should be investigated.

TOTAL (~20,000 square meters)

9. Recommended Books and Materials

- 2016, Geçmişten Günümüze Beylikdüzü
- UNDP Sustainable Development Goals for Turkey
  http://www.tr.undp.org/content/tr/en/home/sustainable-development-goals.html
- KEOS (https://webgis.beylikduzu.bel.tr/keos/)
- Istanbul Municipality City Guide https://sehirharitasi.ibb.gov.tr/
- Beylikdüzü Kent Belleği (http://www.beylikduzukentbellegi.com/)
- Beylikdüzü Yaşam Vadisi Projesi (Beylikdüzü Valley of Life Project)
  https://www.beylikduzu.istanbul/proje/562/yasam-vadisi-sehir-parki-projesi