

ANNEX 6 – MODULE INSTRUCTIONS

Module in Sustainable Design Studio - *Indoor Environmental Quality*

Author: **MSc.Juljan Velesnja**

Phase 1

(1hrs. lecture)

In the first stage, to introduce to the different actors, students and stakeholders, the importance of the module of the Indoor Environmental Quality. Then the teacher can implement and explain the HANDOUT material – [Annex 1](#) and the Methods of this Module – [Annex 5](#), (the teacher is free to add further information regarding the environment interested in).

Indoor Environmental Quality:

- Parameters that define a good quality environment
- Determination of the investigation methodology of data, depending on the function
- The role and influence of the human factor

Phase 2

(1hrs. lecture)

The teacher can explain all the different devices necessary for all the measurement – [Annex 4](#), and the importance of those, in the laboratory if possible. The technology is in continuous change and the devices are not the same anytime, but the parameters of the Environmental Quality (Thermal comfort and humidity - Air quality - Lighting quality - Acoustic quality) do not change.

Phase 3

(1hrs. lecture)

In this phase the teacher can explain how to define the Indoor Environment Quality – [Annex 1](#), and how to proceed on evaluating a certain environment (depending on the interests of the actors – teacher).

The teacher can provide students the sheet of the data they have to fulfill:

Measurements with devices – [Annex 2](#)

Questionnaire of the inhabitants (final user) – [Annex 3](#)

Phase 4

(8hrs. fieldwork)

Students and stakeholders should make all Measurements with devices – [Annex 2](#), fulfilling all the sheets regarding all the different environments.

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Phase 5

(8hrs. fieldwork)

Students and stakeholders should make all Questionnaire of the inhabitants (final user) – **Annex 3**, fulfilling all the sheets regarding all the different environments.

Phase 6

(1hrs. conclusions)

In this final phase, with all the data gathered, all the actors involved should sit together and extract conclusions confronting the two ways of gathering the information, and decide which are the next actions to take (this depending on the main objectives of the course).