

THE BRITISH UNIVERSITY IN DUBAI

Sustainable Design of the Built Environment MSc

Programme 1st term 2017/2018

Renewable and Sustainable Resources (SDBE502)

Assignment Brief

For this assignment you will be asked to do an in-depth paper about a sustainable/renewable energy source. The source can be one that is discussed in this module or not, as long as it is approved beforehand. Regardless of the energy source you have selected, you are expected to perform extensive reading and research about the topic well beyond what will be discussed in this module. You are to become an “expert” about this resource by the end of your work. You can work at your own pace throughout the duration of this module BUT be mindful of your progress and the limited time you have. This is not the type of work you can do over a few days searching the web. You need to focus on using research based references (scientific journals, conference, books, etc). General Websites are NOT considered a reliable source of information. You can check your progress with me but I will not provide you with details of what information to include nor will I correct drafts for you.

Deliverable

You will submit two reports, an interim and a final report, as per the dates shown below. Following are the expectations for each report:

The interim report (worth 10% of the final mark) of around 2000 words is to cover the following aspects:

- 1) A short description of the usage history of this source, where it originated, how it was first used, the main milestones in the development of the source etc.
- 2) A concise yet informative description of the main working principle(s) of the select source.

The final report (worth 50% of the final mark) of around 5000 words is to cover the following aspects (DO NOT repeat items in the interim report):

- 1) You need to focus on a meaningful subset of the source so that your work in this assignment is more in-depth, get approval from the module tutor for this.
- 2) Main advantages, disadvantages and limitations of the source.

3) Current state of technological development of the source and potential future developments.

4) What are the future challenges in developing this source?

5) What role do you foresee this source playing in humanities near/long-term energy future and how will it interact, complement or face up to other energy technologies.

Make sure you use proper Harvard referencing technique in you reports. Re-write what information you have collected in your own words. Wholesale copy and past practice is NOT acceptable even if shown between quotations and properly referenced. All assignments will be checked using the Turn It In (TII) programme to check for plagiarism. Plagiarism can result in a wide range of penalties as per BUiD policies; check your student handbook for more details. Both Referencing and Plagiarism are covered in the relevant DTC workshops you should have attended; if you did not you should do so ASAP as ignorance of these is not an acceptable excuse.

Assignment timeline:

26 Sept 2017: Introduction to assignment.

10 Oct 2017: Selection and approval of the topic of the assignment.

1 Nov 2017: Submission of the interim report (worth 10% of final mark)

5 Dec 2017: Submission of the final report (worth 50% of final mark)

Submission format:

Both reports are to be submitted in e-form through Blackboard (NO hardcopy is required) is to the module tutor/facility administrator no later than 23:59 on the due date; BB will automatically close the submission at 00:00 of the next day. In addition, you need to submit the softcopy of all e-references used for each assignment within 24 hrs of the assignment submission date via e-mail or other means.

The electronic files submitted **MUST BE NAMED AS FOLLOWS:**

RSR_Sept17_Interim_Id#.doc or RSR_Sept17_Final_Id#.doc, for the interim and final reports respectively. Id# is your BUiD student ID number (e.g.

RSR_Sept17_Final_120123.doc). Late submissions will be subject to penalties as per the university regulations.