



**MEMORANDUM OF AGREEMENT (MoA)  
BETWEEN  
FACULTY OF ENGINEERING, RIAU UNIVERSITY  
AND  
DAEHAN E&C Co., Ltd. KOREAN CONSORTIUM**

Number : DH-RU-20M08-01

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Number : 2246/UN19.5.1.1.7/HK.07/2020

This MoA is entered by the parties of Faculty of Engineering, Riau University (hereinafter FERU) and Korean Consortium represented by Daehan E&C Co., Ltd. (hereinafter Daehan) in order to specify the mutual interests and scopes in implementing collaborative business projects ("Projects") below.

- (1) Biocoal from various types of biomass using torrefaction process;
- (2) Biochar from various types of biomass using pyrolysis process;
- (3) POME treatment using microbes and other filtration process;
- (4) Crude oil contaminated soil ("COCS") remediation using hemoglobin process;
- (5) Other imminent waste treatments necessary in the Riau Province or Indonesia.

By maintaining the sustainable eco-friendly objectives of global standards, the Parties shall perform the pertinent activities of research, design, local regulation / safety compliance, consulting services, facility-build / field installation and operation in anticipation in launching the business items above. Daehan may select the its own 100% subsidiary company, E2 Global Co., Ltd in pursuit of the Projects above.

● **General Declaration of Intent**


The two parties shall encourage the following activities in Life and Environmental Sciences, and related fields :

- 1) Collaborative reseach activities and academic meeting arrangement;
- 2) Disclosure of information, scientific data, publications and critical materials to during the course of this MoA collaboration for specific research purpose;
- 3) Other promotional activities which may help the awareness of business launch to other industry players from central and local governments, NGO's and/or association of interest.

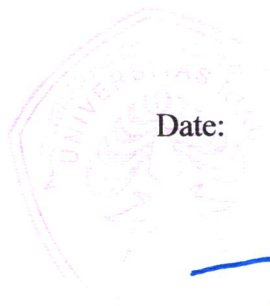
● **Description of Objectives and Roles**

1. Both parties shall contribute with own efforts to improve the quality levels of products and facility in development;
2. In case of publishing the papers in domestic and international science journals, the publishing author names shall include the research contributors from Korean Consortium member companies;
3. Patents from the products / facilities under the scope of this MoA shall be owned by the parties and the proportion of the patent ownership shall be discussed by the parties. The amount of contribution by each party shall be considered in determining the ownership proportion;
4. FERU shall collaborate with any other faculty and/or expertise in relevant field of science, but such collaboration may not be limited to Riau University in supporting effort of research and development;
5. The aforementioned activities shall be realized by means of consultation and the exchange of relevant information between appropriate members of the parties
6. This Agreement shall become effective on the 8th of December 2020, and shall remain valid for a period of five (5) years. This Agreement may be extended by another period of five (5) years by mutual written agreement prior to the date of expiry;
7. The two parties, when fire, disaster, terrorism, severe infectious diseases, and other risk occur in the area, shall cooperate with the another, and the each party shall promptly share the safety status of the dispatched person;
8. This MoA may be amended by mutual agreement;
9. This MoA is made in English in two identical copies and the single copy shall be kept by each party.

Date : DEC. 8th 2020

  
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**Managing Director,  
Daehan E&C Co., Ltd.  
Korea**



Date:



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**Prof. Dr. Ir. Ari Sandhyavitri, MSc**  
**Dean Faculty of Engineering,  
University of Riau,  
Indonesia**