

Memorandum of Understanding

between the

Korea Ocean Research & Development Institute (KORDI)

and the

U.S. Department of Energy
National Energy Technology Laboratory (NETL)

I. Purpose

The purpose of this Memorandum of Understanding (MOU) between the United States Department of Energy (DOE), National Energy Technology Laboratory (NETL) (hereinafter "NETL") and the Korea Ocean Research & Development Institute (hereinafter "KORDI"), is to establish an arrangement for the exchange of information between NETL and KORDI in the area of carbon sequestration.

II. Funding

NETL and KORDI will each fund its own activities under this MOU.

III. Areas of Cooperation

NETL and KORDI will discuss their independent investigations to further enable development and demonstration of carbon dioxide capture, utilization and storage processes. In particular, this agreement provides a framework for the exchange of scientific and technical knowledge, and the development of a collaborative research plan of action between NETL and KORDI for the study of CO₂ sequestration in both terrestrial and off-shore natural systems to be pursued in a subsequent agreement such as a CRADA.

IV. Publication Rights

Each party reserves the right to publish written works related to its own independent investigations discussed hereunder either separately or with the other party. In the event one party desires to publish information received from the other party, independently of the other, that party agrees to submit a draft of any such publication to the other party for

a 30-day review and approval period prior to release. The party reviewing the publication may disapprove only the contents of the publication consisting of information previously given by the reviewing party to the publishing party.

V. Third Party Claims

Each party shall be responsible for claims, losses, damages, and expenses which are proximately caused by the acts or omissions of that party or its employees, agents or representatives acting within the scope of their employment.

VI. Communications

To provide for consistent and effective communications, the parties have designated points of contact listed below:

NETL

Technical Contact:

Paul C. Turner

Department of Energy

1450 Queen Ave SW

Albany, OR 97321

Phone: 541.967.5963

Email: paul.turner@netl.doe.gov

Administrative Contact:

Jessica Sosenko

Department of Energy

626 Cochran's Mill Road

P.O. Box 10940

Pittsburgh, PA 15236-0940

Phone: 412.386.7417

Email: jessica.sosenko@netl.doe.gov

KORDI

Technical Contact:

Seong-Gil Kang

Offshore CCS Research Unit

Korea Ocean R&D Institute

1312 Yuseongdaero, Daejeon 305-343

Phone: 82+42.866.3620

Email: kangsg@moeri.re.kr

Administrative Contact:

Dosoo Jang

International Cooperations Center

Korea Ocean R&D Institute

787 Haeanlo, Ansan 426-744

Phone: 82+31.400.6441

Email: dsjang@kordi.re.kr

The administrative points of contact shall coordinate all requests for administrative assistance under this MOU and shall serve as the administrative communication link between KORDI and NETL. The technical contacts shall coordinate on matters relating to the exchange of information under this MOU.

VIII. Entire Agreement

This MOU embodies the entire agreement between KORDI and NETL with regard to the information exchange described in this MOU and supersedes all other communications, either oral or written. The parties shall not be bound by, or be liable for any statement, representation, promise, inducement or understanding not set forth herein. No amendments or modifications shall be valid unless incorporated into this MOU.

IX. Authorities

Work performed under this MOU is authorized by the Department of Energy Organization Act as Amended (Public Law 95-91).

X. Effective Date, Modification, And Termination

This MOU is effective upon acceptance by both parties and shall remain in effect until October 22, 2016 unless terminated in accordance with the terms set forth herein. This MOU may be modified by written agreement of the parties. Any modifications must be signed by the NETL ORD Director or designee and the KORDI signatory listed below or designee. This MOU may be terminated at any time by mutual consent of the parties. Either party may terminate this MOU unilaterally by providing 30 calendar days written notice.

ACCEPTANCE:

FOR KORDI:

BY: 
Jung-Keuk Kang
President, Korean Ocean Research &
Development Institute

FOR NETL:

BY: 
Anthony V. Cugini
Director, National Energy Technology
Laboratory

DATE: November 16, 2011

DATE: November 1, 2011