

AMENDMENT TO MEMORANDUM OF UNDERSTANDING

Between

SATBAYEV UNIVERSITY
Almaty, the Republic of Kazakhstan

and

THE PENNSYLVANIA STATE UNIVERSITY
University Park, Pennsylvania, United States of America

THIS AMENDMENT TO MEMORANDUM OF UNDERSTANDING (this "Amendment") is made and entered into as of the date of the last signature below, by and between Satbayev University ("SU"), previously known as Kazakh National Research Technical University after K. I. Satbayev, and The Pennsylvania State University ("Penn State").

WHEREAS, SU and Penn State are Parties to that certain Memorandum of Understanding, dated October 12, 2017 (the "Agreement") expressing the mutual desire of the Parties to promote certain types of collaborations for the benefit of both Parties; and

WHEREAS, the Parties desire to expand the scope of the Agreement; and

WHEREAS, capitalized terms not otherwise defined herein shall have the meaning ascribed to them in the Agreement.

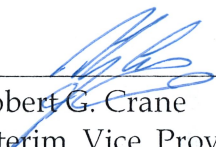
NOW THEREFORE, for and in consideration of the mutual covenants, rights, and obligations set forth in this Amendment, and other good and valuable consideration the receipt of which is hereby acknowledged, and intending to be legally bound hereby:

1. SU and Penn State agree to add the following sentence to Article I "Scope": "The Parties agree to consult on possibilities of creating research, education, professional and outreach alliances and networks in the broad field of high-performance buildings design, construction, and operation. The Parties agree that they may also collaborate in any other areas of mutual interest."
2. In the event of a conflict, disagreement, or discrepancy between the terms of this Amendment and the terms of the Agreement, the terms of this Amendment shall control.
3. Except as set forth herein, the Agreement is otherwise ratified and confirmed in all respects.

IN WITNESS WHEREOF, the Parties hereto have caused this Amendment to be executed effective as of the date of the last signature.

**THE PENNSYLVANIA STATE
UNIVERSITY**

SATBAYEV UNIVERSITY



Robert G. Crane
Interim Vice Provost for Global
Programs

2/4/2020

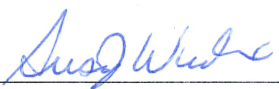
Date



Rimat Iskakov
Provost for Academic Affairs

Jan 29, 2020

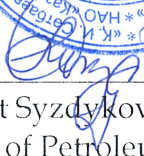
Date



Susan J. Wiedemer
Assistant Treasurer

FEB 10 2020

Date



Murat Syzdykov
Head of Petroleum Eng Chair

Jan 22, 2020

Date