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University of East London  
Department of Engineering  
London  
E16 2RD

30<sup>th</sup> January 2022

To whom it may concern

re : Akhmed Kaipbergenov

Since 2017, I have been invited to present a series of BIM related short courses to the students at Kazan State University of Architecture and Engineering. Of the four so far, Akhmed Kaipbergenov attended three of the four.

One of these was part of the much larger ARTpolis course (November 2018), which was a series of MasterClasses for Architects. I covered the BIM and digital aspects while other colleagues took sessions in design and planning. Throughout the week, the students had lectures in the morning with practical hands-on exercises in the afternoon. Akhmed was able to show his interests in this area of work.

One key topic within my courses has been the use of the new technology of laser scanning for the data collection of 3d models which are then used by architects in the design of refurbishment and urban planning. Another topic that I presented was about SMART cities which appealed to Akhmed and sparked his interest in studying the topic further, hopefully forging a career in the world of digital twins and SMART technologies, leading to sustainable developments.

As mentioned above, my courses involved the students in hands-on exercises which were assessed through group presentations. Akhmed stood out as his interest was bought to the fore and used his abilities in some innovative solutions to the problems set.

I understand that he was successful with his degree and wishes to apply for a Masters programme in this area. In which case I would have no problem in recommending him for a place on a high level course.

Yours faithfully

**Peter Lakin** BSc(Hons), MPhil, MRICS, FHEA

Senior Lecturer in Engineering Surveying (part-time)

Honorary Professor in Building Information Management (Kazan State University of Architecture and Engineering)

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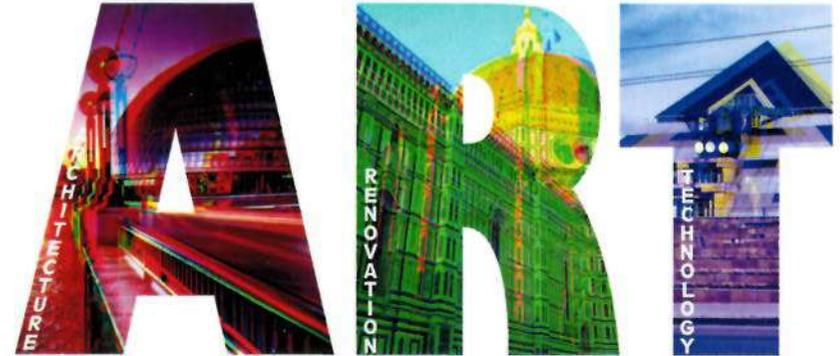
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Greece

INTERDISCIPLINARY STUDY:  
INTEGRATED DESIGN  
for SUSTAINABLE FUTURE

**polis**

This document certifies that

**Akhmed Kaipbergenov**

has successfully completed a course by attending  
**ART Polis\_ International School for Young Architects, Kazan 2018**  
on "Interdisciplinary Study: Integrated Design for Sustainable Future"  
at (KSUAE) Kazan State University of Architecture and Engineering,  
November 5-19, 2018

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ПРОГРАММА ПОВЫШЕНИЯ  
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СТРОИТЕЛЬСТВЕ

10-14 ИЮНЯ 2019 | КГАСУ

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Tatar Special Scientific  
and Restorative Administration,  
Russia

This document certifies that  
**Akhmed Kaipbergenov**

has successfully completed a course by attending

**Development Programme**  
**“BIM in ARCHITECTURE & ENGINEERING”**

at (KSUAE) Kazan State University of Architecture and Engineering, Russia  
**JUNE 10-14, 2019**

**Prof. Peter Lakin**

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**Prof. Rashit Nizamov**

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Russia

DEVELOPMENT PROGRAMME  
for architects & developers

# PARAMETRIC DESIGN

May 27-31, 2019  
KSUAE, Kazan, Russia

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This document certifies that

## Akhmed Kaipbergenov

has successfully completed a course by attending  
**Development Programme for architects & developers**  
**“PARAMETRIC DESIGN”**

at (KSUAE) Kazan State University of Architecture and Engineering, Russia  
May 27-31, 2019

A handwritten signature in black ink, appearing to read "Fulvio".

**Dr. Fulvio Wirz**

Associates at  
Zaha Hadid Architects (ZHA),  
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**Prof. Rashid Nizamov**

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