

# OFFGRID WORKS

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## Business Overview and Specialist area

Offgrid Works is a UK-based deep-tech, net-zero construction company with the potential for over 1Gt of CO2e reduction annually by 2050. This is through our own patent-pending carbon-negative autonomous construction method that is quicker, cheaper and uses less carbon than traditional methods. We can now finally facilitate the scalable construction of affordable, smart, net-zero, next-gen homes. Offgrid Works is currently not only building in the UK, but have Pilot projects lined-up in Taiwan, Saudi Arabia and Europe, so we will soon be able to roll out our construction method at scale.

## Visit Objectives

We would like to make significant network connections with developers, the city government and other construction specialists

in Chennai and Kolkata who could help us start construction on our first pilots in the region. If we can learn more about the housing market and specific climate conditions and requirements for affordable homes and how they could be integrated into the wider smart city context to not only reduce carbon emissions but also the cost of housing.

Our plan would be to build on the successes in the Middle East and Asia to engage with government housing agencies, construction companies and property developers to discuss utilising our method for a world-leading demonstrator project on one of their public housing projects. We hope by working on this successful affordable housing scheme we can prove that affordable net-zero housing is truly possible and then use this case study to scale around the whole country.



Contact Details:

Name: Will Campion

Email: [will@offgrid.works](mailto:will@offgrid.works)

Mobile Number: +44 7904 709270

Website: [www.offgrid.works](http://www.offgrid.works)