

# Innovate UK

**Results of Competition:** Energy Catalyst - Early Stage Feasibility - Round 3  
**Competition Code:** 1504\_FS\_EGS\_ENCATES3

**Total available funding for this competition was £10M from Innovate UK and EPSRC (over all strands)**

**Note: These proposals have succeeded in the assessment stage of this competition. All are subject to grant offer and conditions being met.**

Participant organisation names	Project title	Proposed project costs	Proposed project grant
Adrok Ltd IGas Energy PLC	Feasibility study for innovative remote sensing to increase onshore UK gas production	£190,000	£115,000
<b>Project description - provided by applicants</b>			
<p>This project will determine the feasibility of using innovative remote sensing techniques to improve the rate of success in hydrocarbon exploration and development of onshore UK gas fields. The project will be lead by Adrok Ltd, a company which has been researching atomic dielectric resonance (ADR) as a method of determining elements in the subsurface and the depths of subsurface layers. There have been successful applications of this technology for mineral and hydrocarbon exploration in other countries but to date there has been almost no use of this technology in the UK. Adrok's partner for this project will be IGas Group plc. IGas has more onshore UK fields on production than any other company and is also one of the leading companies for UK shale exploration. In addition, IGas has strong geological expertise and a large database of UK onshore seismic data. In 2016-17 IGas plans to acquire surface geochemistry data and to drill various exploration wells. The objective of the feasibility study will be to investigate how ADR results can be integrated with geological, geophysical and geochemical data to find and develop new onshore UK gas fields more efficiently.</p>			

**Note: you can see all Innovate UK-funded projects here**  
<https://www.gov.uk/government/publications/innovate-uk-funded-projects> Use the Competition Code given above to search for this competition's results