

CASE STUDY

MTEM: A patent success

Edinburgh Research and Innovation helped the academics at MTEM Ltd to patent discoveries that use multi-transient electro-magnetism to analyse subsurface deposits of hydrocarbons. Assistance was provided to win support of £200,000 from the Scottish Enterprise Proof of Concept Scheme. Once this was complete a company was formed, a highly experienced CEO was recruited from the oil services industry, and the University licensed the technology to the company. Less than three years later MTEM Ltd was bought for \$275m by Petroleum Geo-Services of Norway, with the company retaining this important part of its operation in Edinburgh.

MTEM founders (left to right) - Leon Walker, Anton Ziolkowski, Bruce Hobbs, David Wright



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The University of Edinburgh is ranked in the top six in Europe, alongside Cambridge, Oxford and three in London. Significant public investment for the future is continually underway across the Edinburgh Science Triangle, currently including the creation of Edinburgh BioQuarter, a landmark £600m life sciences research and commercialisation development; the Easter Bush Research Consortium (EBRC) at Roslin, one of the largest groups focused on the biology and health of companion and production animals in the world; and the new £42m purpose-built Informatics Forum at the University of Edinburgh.

Key locations and clusters within the Edinburgh Science Triangle:

- **Edinburgh's city centre** is home to the university's main city campus and the dedicated science and engineering campus known as "Kings Buildings", the new Informatics Forum and also to Napier University.
- **Edinburgh BioQuarter** offers an optimum destination for biomedical research-based companies wishing to co-locate with the University of

Edinburgh's Medical School, the Queens Medical Research Institute, the Scottish Centre for Regenerative Medicine and a new 870-bed NHS teaching hospital.

- **Easter Bush near Roslin in Midlothian to the south of the city centre** is home to the animal health research consortium including the Moredun Research Institute, the Roslin Institute, Royal (Dick) School of Veterinary Studies, and the Scottish Agricultural College; with adjacent commercial space at Pentlands Science Park, BioCampus biomanufacturing park and Roslin BioCentre.
- **Edinburgh Technopole** is the University of Edinburgh's multi-sector science park set in stunning parkland at Easter Bush, beside the Pentland Hills.
- **Heriot-Watt Research Park** at Riccarton is Edinburgh's largest science park co-located with Heriot-Watt University, adjacent to the strategic development location in West Edinburgh and just minutes from the airport.

- **Alba at Livingston in West Lothian** accommodates numerous indigenous and global technology companies requiring space for larger design, manufacturing and logistics operations as well as the Alba Innovation Centre, the Institute of System Level Design and the new Innotek Centre.
- **East Lothian** is the new home for Queen Margaret University's campus-by-the-sea and important research locations at Elvingston and Elphinstone.

“ Did you know?

The 18th century also saw Edinburgh as the centre of the "Scottish Enlightenment" when philosopher David Hume and economist Adam Smith published work which has literally shaped today's world.

