

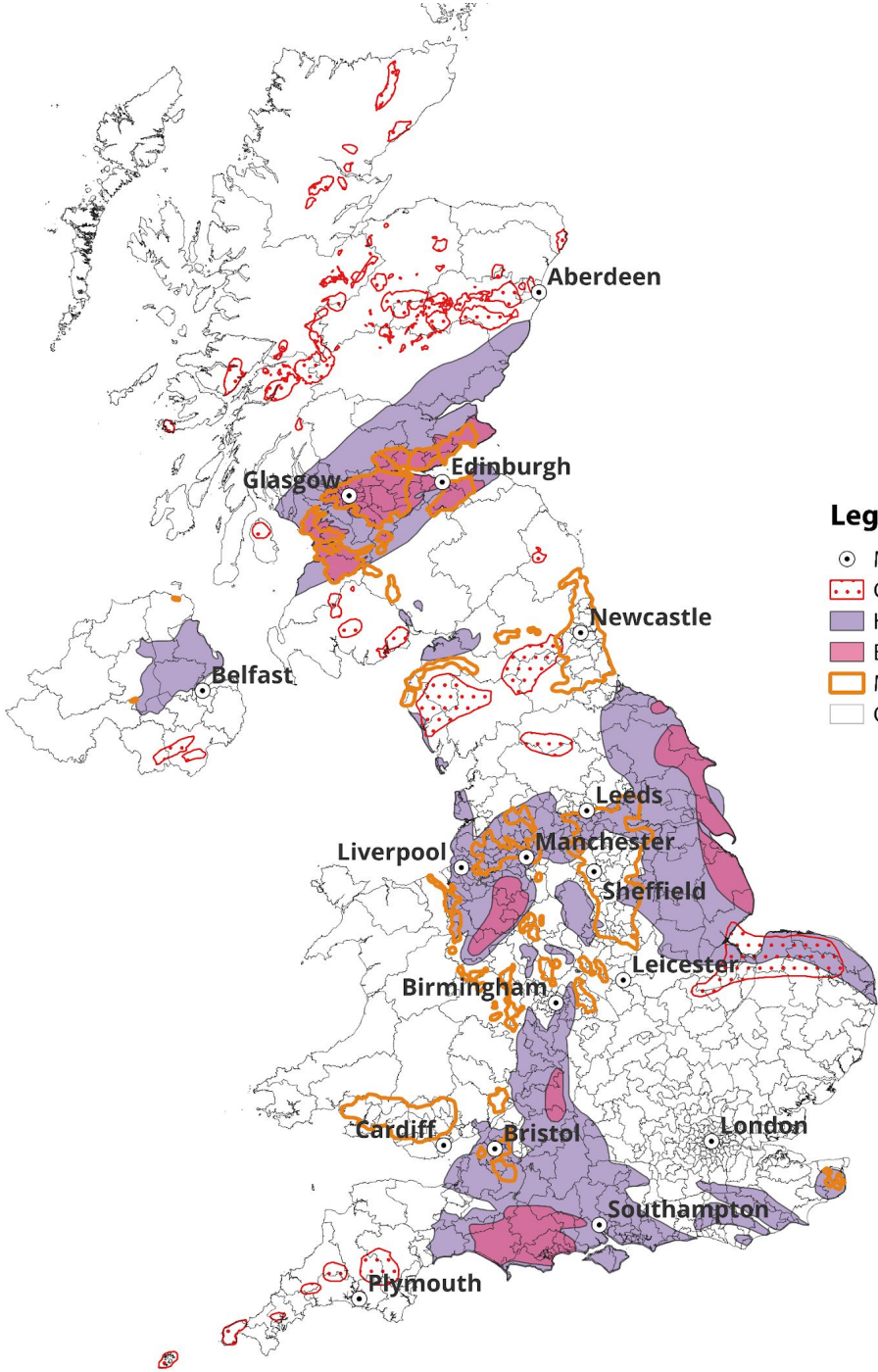
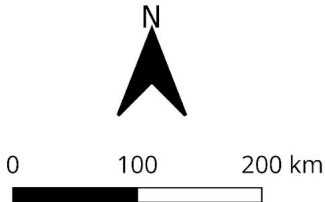
# TownRock Energy



- Established in Aberdeen in 2013, headquartered in Edinburgh, supporting clients globally
- Inspired to find and improve the commercially viable geothermal technologies in the UK
- Over the last decade, built several first of a kind projects and grown team to over a dozen people
- Regularly provide trusted geothermal expertise across all geothermal resources and technologies



# UK Geothermal



- Legend**
- Major Cities
  - Granites
  - HSA Resource Area
  - Best HSA Resource Area
  - Mine Water Opportunity Areas
  - Constituency Boundary

# TownRock Project Phases



## Scope

### Appraising the options

- Identifying which geothermal or other renewable heating solution is best for your site

## Discover

### Determining the details

- Clarity on the optimal renewable heating solution:
  - *Quantity of heat available*
  - *Configuration of heat delivery and distribution*
  - *Expected economics*
  - *Projected CO<sub>2</sub> savings*

## Prove

### Acquiring new data

- On site activities to collect critical underground data for derisking and confirming the geothermal resource
- New data allows design and cost refinement and confirms the investment case for project FID.

## Deliver

### Building the system

- Drilling and commissioning the principal production and injection boreholes
- Constructing and commissioning the heating infrastructure and pipework
- Agreement on operation and maintenance programme

## Operate

### Running the system

- Operating and maintaining for 40+ years:
  - *Collect and analyse all operational datasets*
  - *Reporting and compliance with regulators*
  - *Ensure routine pump and plant maintenance*
  - *Optimise performance of boreholes and heating infrastructure*