

Social licence and trust in relation to unconventional hydrocarbons – Comparing experience in the UK, US and Australia

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11 August 2021

UKUH

Unconventional
Hydrocarbons
in the UK
Energy System

NERC

SCIENCE OF THE
ENVIRONMENT

E·S·R·C
ECONOMIC
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COUNCIL

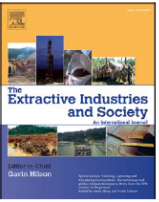


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The Extractive Industries and Society

journal homepage: www.elsevier.com/locate/exis



Original article

After the dust settles: Community resilience legacies of unconventional gas development

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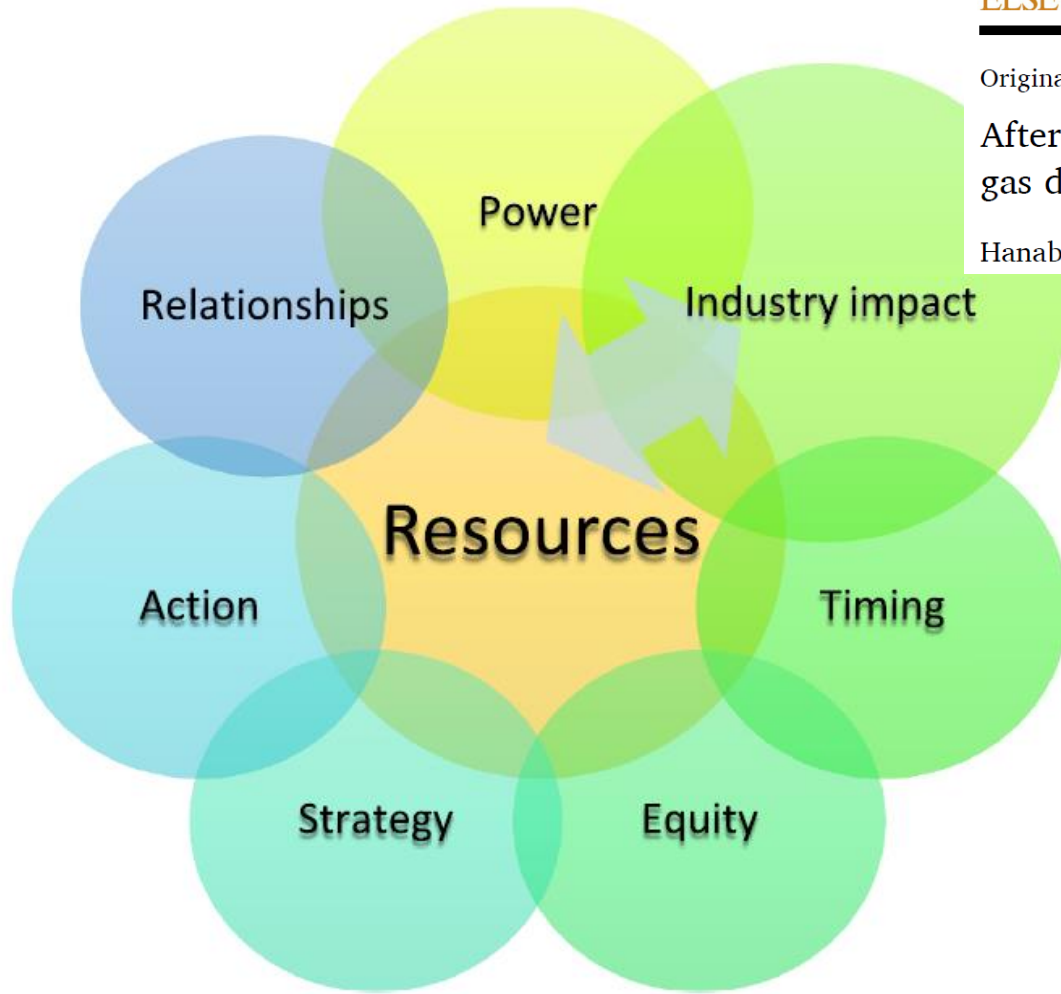


Fig. 2. The PIRRATES model of community resilience, formed from the seven principally important elements of community resilience that emerged from our nine comparative case studies.

Power: relative power gradients between industry and community, and also existing community power relationships;

Industry impact: the nature of the industry in question is a key element of the interactions we are seeking to understand;

Resources: community or industry resources, including the five capitals and information-sharing;

Relationships: social relationships, connections and networks;

Action: the actions that manifested from community responses to change;

Timing: the timeline of industrial development (when research occurred);

Equity: relative impacts and benefits across a community;

Strategy: the extent to which communities organise to respond to industry.