



# Energy Transition in Taranaki: A 'Just Transition' for whom?

Emily Cathro, Sean Connelly and Etienne Nel  
School of Geography  
University of Otago

OERC Symposium  
19-20 November 2020

# Outline

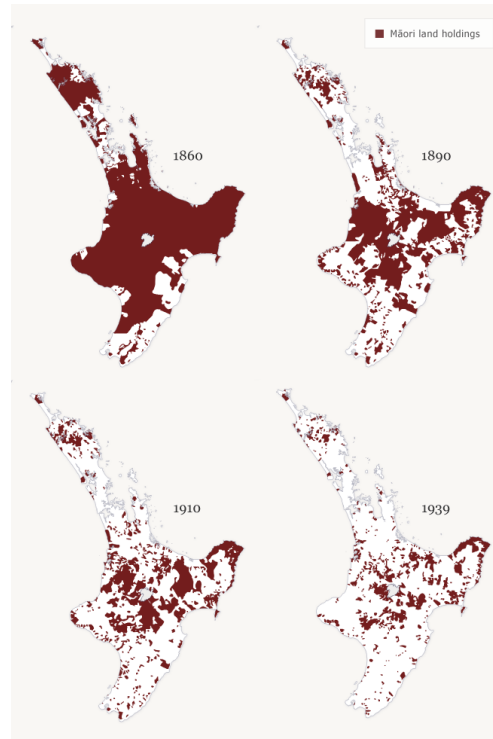
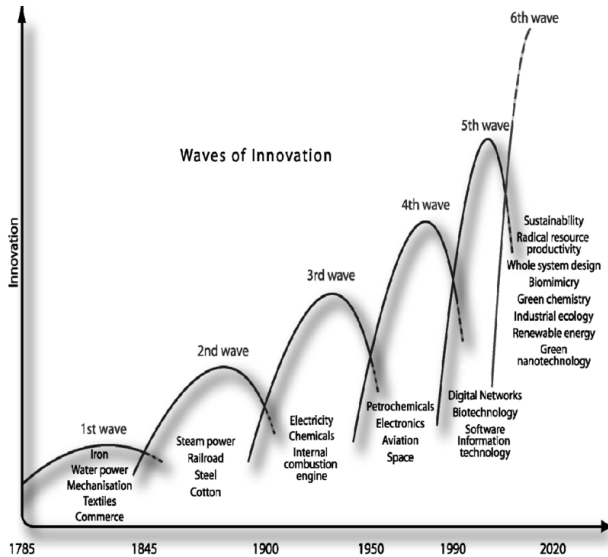


- > Transitions, Justice and Just Transition
- > Taranaki context
- > Competing meanings of Just Transition
- > Just transition for whom?



# Transitions?

- > Defined by shifts in access, development and use of resources, technologies, innovations, power, etc.



# Justice and Transitions



- > Where it comes from
  - > Attempt to ensure that transitions are fair and just for workers – primarily in industrial transition context
  - > “...not jobs or environment. It is both or neither.”
  - > Social, Environmental and Spatial Justice
- > Process / procedural and Outcomes / distributive
- > Key questions:
  - > What is being transitioned?
  - > What is just?

# Taranaki Context



- > Pop 122,000, \$68427 per capita GDP
- > Polarization \$75k S. Taranaki; \$70 New Plymouth; \$33K Stratford
- > Boom / bust cycles
- > Historical Legacies
- > More than energy → largest industries by employment

Sector	# employed	% of Regional employment	GDP	% of Regional GDP	% change 2018-19
1) Manufacturing (primarily food)	8956	15.20%	\$1,030	11.10%	0.11%
2) Agriculture (e.g. dairy)	5846	9.90%	\$1,341	14.50%	1.15%
3) Construction	5826	9.90%	\$397	4.30%	0.15%
4) Healthcare	5700	9.70%	\$353	3.80%	-0.09%
15) Mining	1041	1.80%	\$1,621	17.50%	-0.10%



# Parliament passes Bill banning new offshore oil and gas exploration

10:27 am on 8 November 2018



Parliament has passed the Crown Minerals Amendment Bill, putting an end to new offshore oil and gas exploration.

The bill passed by 63 votes to 55.

The Green Party said it was "an essential first step in winding down offshore exploration for new sources of fossil fuels".

The change comes on the back of an announcement in April by the Prime Minister - which some in the sector said they were blindsided by.

The National Party has pledged to reverse the ban if back in government.

New Plymouth Mayor Neil Holdom said it was now time for the government to step up and invest in a transitional plan away from fossil fuels and fund alternative energy projects while "keeping the lights on" in New Zealand.

He told *Morning Report* he was seeking a meeting with Energy Minister Megan Woods and Finance Minister Grant Robertson to see if the government will invest in a "just transition".

Government avoids drawing attention to itself, as it invites oil/gas explorers to onshore Taranaki after banning new offshore exploration



30th Apr 19, 7:45pm by Jenée Tibshraeny

## NZ's oil and gas exploration ban a 'role model' in climate change report

Catherine Harris · 18:00, Nov 20 2019



# Existing Oil and Gas production



## Reserves

Figure E.1 Map of Taranaki oil

Overview of Taranaki Offshore and Onshore Oil and Gas Fields  
P2 Reserves Ultimately Recoverable (Remaining) as at 1 January 2020

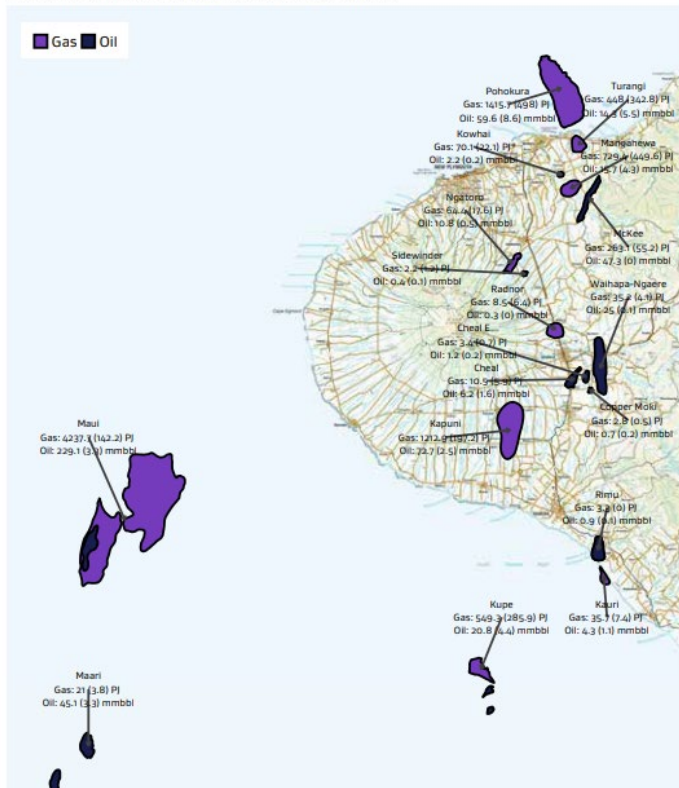


Figure E.2 2P Reserves as at 1 January 2020

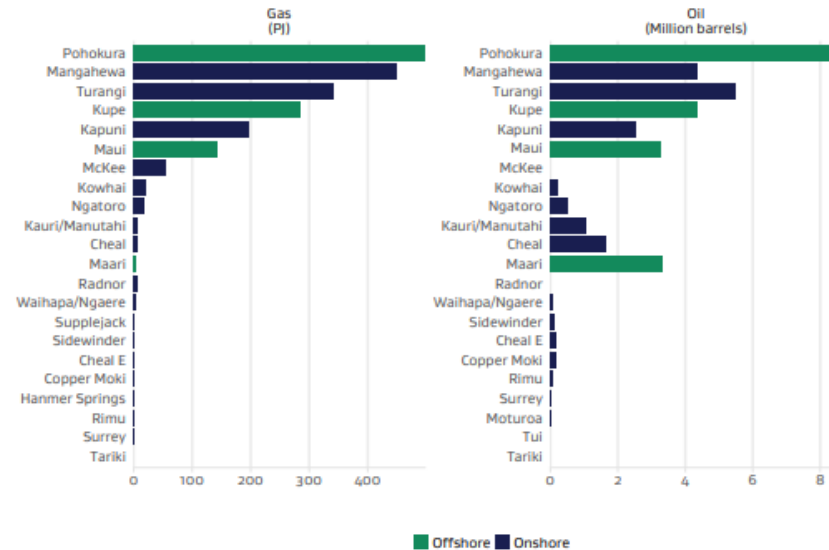
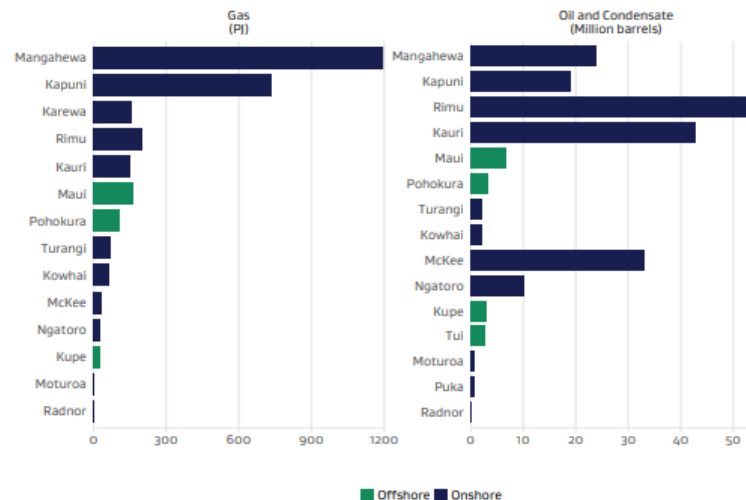


Figure E.3 Gas and oil 2C contingent resources as at 1 January 2020

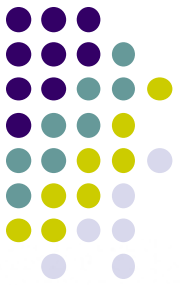


## 2019 Activity:

- 23 current exploration permits active; 27 production permits
- 12 new wells drilled; \$235M (114% increase over 2018)



# Just Transition



## Just Transition

- Impacts of climate change policy decisions on households, communities, industries and regions
- Support, in partnership with iwi, regions, sectors and communities transition to low emission economy
- Coordinate across government - especially the Transition Hub located within the Ministry for the Environment, and the Provincial Development Unit.

## A JUST TRANSITION TO A LOW EMISSIONS ECONOMY



**GROW**  
REGIONS

What's happening  
in the regions

What we've done

Media Centre

Provincial Growth Fund  
Limited (PGFL)

Contact us

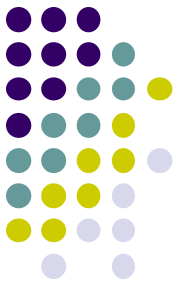
Search



New Zealand's regions have so much to offer. Let's unlock that potential.

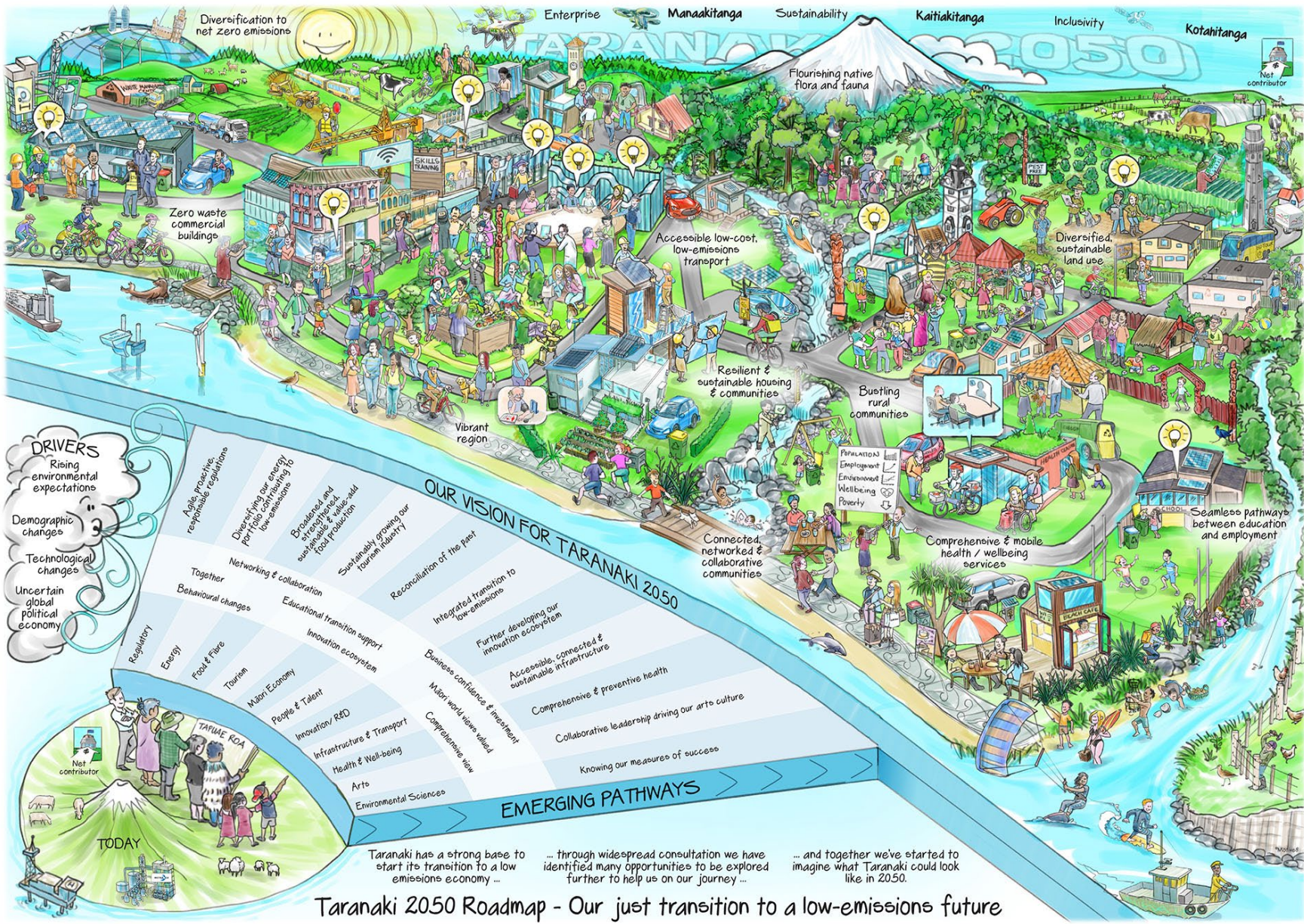


# Plans, Strategies and Funding

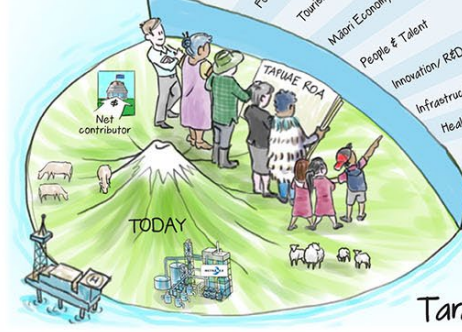
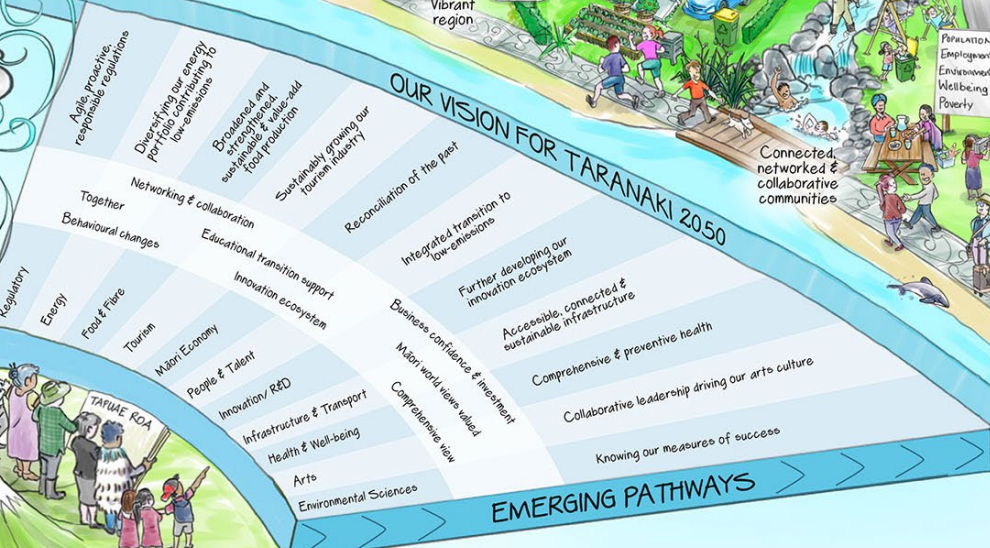


- > Taranaki Region
  - > Tapuae Roa – Make way for Taranaki 2018
  - > Roadmap 2050
- > Central Government
  - > PGF and Just Transition
  - > \$1.5M support for Transitional Economy and Tapuae Roa
  - > \$1.3M feasibility H2 supply and transmission
  - > \$27M Clean Energy Development Centre – Ara Ake – Future Energy Development
- > Just Transition Summit
  - > Central Government co-located with Venture Taranaki





**DRIVERS**  
 Rising environmental expectations  
 Demographic changes  
 Technological changes  
 Uncertain global political economy



Taranaki has a strong base to start its transition to a low emissions economy ...

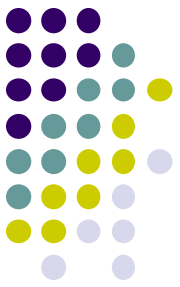
... through widespread consultation we have identified many opportunities to be explored further to help us on our journey ...

... and together we've started to imagine what Taranaki could look like in 2050.

**Taranaki 2050 Roadmap - Our just transition to a low-emissions future**



# Competing Purposes and Outcomes of Just Transition



- > “Protecting the region’s economic wellbeing given the decision to halt off-shore oil exploration.” Community member
- > Aim of JT is “a low carbon future whilst still producing more energy and energy related projects, still have the export side of things and still have the high paying jobs.” NPDC policy analyst
- > "What it looks like they want to do is, like, do it big scale for export to make it economically viable and we just don't think that is on, because first they are going to have to use gas, and secondly they are going to have to use a big corporation to fund their renewable energy, and we are more interested in small, community owned energy that's actually sustainable.“ Climate Justice Taranaki member
- > “Giving affected workers and families a chance to have their say...the importance of natural gas for creating jobs and powering better lives...” PEPANZ member

# Meanings of Justice

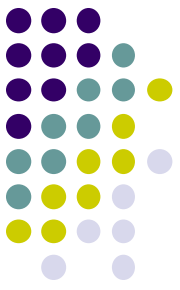


- > Broad, overlapping, historically informed and diverse → procedural justice and inclusivity?
- > Reactive to oil and gas decision → fuel transition and industry driven → Justice for industry workers or for the regional economy broadly
- > Reconfiguration of economy to better align with social and environmental outcomes and community well-being
  - > “We’ve always wanted to see if there were opportunities for our rangatahi to enter into the sector (O&G), but it never really eventuated”
  - > I don’t think we’re going to be as hard hit by the O&G thing, given the average salary here (Waitara) is something like \$21K, clearly we’re not working in the industry right?”
- > Historical
  - > What about the meat works? Where was our just transition?
  - > Waitara Lands Bill is a start, addressing historical confiscation of land a small step at “taking agency back for own wellbeing”

# Meanings of Transition



- > Transition defined by economic rationality and corporate sustainability
  - > “Working with Balance, we’re connecting wind to green fertilizer...that’s a classic double win.”
  - > “it doesn’t have to be behavioural (change) when it can be business...the best business case at an achievable scale to bring prosperity...the greatest gains for the least overall cost that you can achieve.”
  
- > Transition defined by more localized, transformational community solutions
  - > “we can’t run a triple bottom line of oil, gas and farming where industry tied with capitalism fuels crisis.”
  - > “A circular economy here first and foremost, so we’re looking after ourselves.”



# Just transition for whom?

- > Competing views of the ‘problem’ and solutions tied up in intersection of competing interpretations of justice and purpose of transition
  - > Justice for oil and gas industry (and workers)? Justice for Māori? Justice for rural areas?
  - > What about non-transitions – e.g. intensive agriculture?
  
- > Ongoing tensions re: role and meaning of innovation required for transition
  - > Innovation as technical product / output vs. multi-knowledge process spread across region
  - > Technological vs. social
  
- > Scope for common ground?
  - > Creating space (and support) for both new technologies and new energy outcomes AND innovation processes that transform broader behavioural, cultural and structural systems
  - > Beyond boom/bust cycles towards investing in place?
  - > Treaty settlement larger impact on regional transition?