



COMMUNITY GOVERNANCE, SETTLEMENT & ENERGY SUSTAINABILITY IN TASMAN

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COMMUNITY GOVERNANCE

- Community networks
- Institutions and power
- Leaders
- Decisions
- Processes



SETTLEMENT SUSTAINABILITY: Definition

An enduring pattern of settlement in its environment where community needs are satisfied according to values over time



SETTLEMENT SUSTAINABILITY: Features

- Ongoing definition of resource values, needs and limits in the settlement environment – people, infrastructures, energy, water & other ecosystem services
- Ongoing changes in settlement places, scales, form and community function, and economy
- Resilience in community decision-making and actions

TASMAN'S SETTLEMENT PATTERN FEATURES 1

- Many small rural settlements well dispersed along coastal margins or road networks
- Most urban centres on lowlying coastal or floodplain locations, centred on productive land
- Small regional population to support lifeline infrastructure and amenity services



TASMAN'S SETTLEMENT PATTERN FEATURES 2

- Region is supported by biomass production and lifestyle services economy on limited area of production land
- Region is net importer of carbon transport energy and electricity

TASMAN'S SETTLEMENT PATTERN RISKS 1

- Weather and earth hazards likely to increase in frequency and intensity with climate change (flood, coastal, drought)
- Reducing carbon energy supply security (availability and price) in common with other regions in NZ
- Electricity supply security dependant on distant infrastructure upgrade decisions (southern lakes to Christchurch corridor), unless regionally sourced hydro as modest buffer



TASMAN'S SETTLEMENT PATTERN RISKS 2

- An aging and then gradually declining population if in-migration does not change
- Social, cultural and economic winnowing resulting from capital demands of land inflation and infrastructure development and renewal



SUSTAINABILITY PROCESSES, BARRIERS AND OPPORTUNITIES

- LOCAL AND CENTRAL GOVERNMENT
 - Strategic development planning for sustainable development, two unitaries
 - Settlement pattern legacy
 - Central and local policy resilience uncertain – capacity, pace, direction
 - Settlement, energy, economy issues faced by all regions: synergy in strategy
 - Political culture issues - governance style, case for action, worldview



SUSTAINABILITY PROCESSES, BARRIERS AND OPPORTUNITIES

- RESEARCH, DEVELOPMENT AND SECTOR INVESTMENT
- NZ STRD system constraints – structure, funding, governance
- Links between policy and STRD for settlement, energy sustainability
- Local and larger ventures, public and private



SUSTAINABILITY PROCESSES, BARRIERS AND OPPORTUNITIES

- COMMUNITY AWARENESS AND ADVOCACY
 - Strategic process knowledge lags law, policy and current governance style of public organisations
 - Unsustainability of community values demands – sustainable lifestyle
 - Futures illiteracy
 - Collaborative leadership vs customer culture



TASMAN'S SUSTAINABILITY ACTION ITEMS

- Complete integrated review of region's settlement strategy and infrastructure development plan
- Review hazard risk policy
- Develop & pursue renewables and transport energy policies
- Enhance water supply security