



Environment Institute of  
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# Symposium

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# Hawke's Bay Regional Council

Is it fundamental to Hawke's Bay's future success?



# Northern Hawke's Bay

Hill Country Erosion

Water Quality

Investment in Afforestation



# Heretaunga Plains

## Water Quantity

Effect of irrigation on stream depletion

Effect Water take bans on economy

## Water Quality

Impact of intensive production on ground & surface water



# Hill Country from Waimarama to Porongahau



Unstable

Vulnerable in extreme weather events

Need for strategic planting

# Ruataniwha Plains

## Water Quantity

Limiting Agriculture

Limiting Economy

## Water Quality

Excess Nutrients



# Mohaka River



Water Conservation Order  
Dairying in upper catchment

# Economy Hawke's Bay





# Primary processing



# Economy Hawke's Bay

Primary Industry 13.3% HB GDP

Processing Primary Product 18%

3<sup>rd</sup> biggest industry health & Social Assistance



Primary, Processing & related construction & utility services 41%  
compared with nationally 25 %

Exports Primary 25% Processing 50%

Manufacturing including fertiliser 5%

Regional Services 20%

# Rural driven economy/urban dominated population



81%  
Napier  
Hastings



# Regional Council Focus

Natural Environment

Science Based

Highly qualified Staff



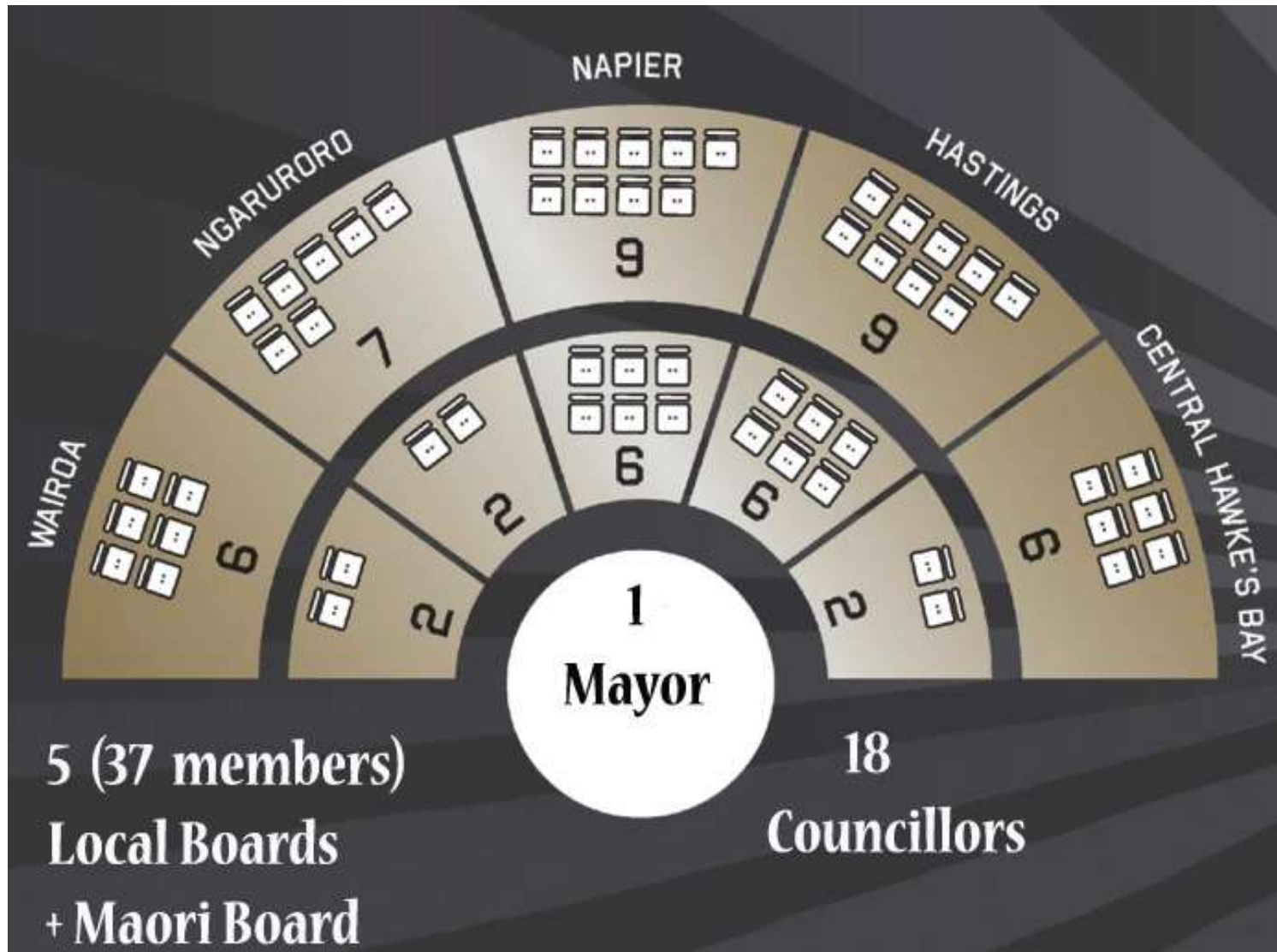
Built environment

3 "Ws"

Social infrastructure



# The Proposal



# The Proposal

80% population in 2 cities

Mayor elected at large – most likely from city

66% councillors from 2 cities

Only 2 councillors from solely rural area



# Is There an Alternative Proposal

Form should follow function

If Big is better –amalgamate similar functions

Concentrate the science expertise

Create efficiencies in natural resource issues

Water storage

Erosion

Biodiversity

One East Coast Regional Council

for lower North Island

# Residual Problems

Splitting Catchments

this will go to Bay of Plenty

For integrated catchment management

rely on transfer of powers

HB Council could not rate this area

Mohaka -a priority catchment for plan change





# Joint Planning Committee

Established by Statute

No clarity relation with Maori Board

No clarity on integrated Planning



# Ruataniwha Water Storage Scheme

83 metres high 415m wide Central Core Rock Fill Dam

7km lake storing 93million cubic metres water

6.5MW power generation

16 Kms canal. 200 km pipe network. 3.5 bar pressure at farm gate

Will irrigate up to 30,000 hectares

\$10m environmental mitigation

Increased summer flows Tukituki. 4 summer flushing flows

8% increase in regional Income

7% increase in employment

Build resilience to climate change

