## THE FUTURE AHEAD

## **DAY TWO WORKSHOP**



## **David Beurle and Juliet Fox**



# RECAP ON DAY-ONE

- Reviewed global and regional trends and forces shaping the future
- Explore attributes of successful communities
- Identified and ranked key drivers





# PROGRAM FOR DAY 2

- Develop detailed narratives for four plausible scenarios for the future (based on clusters of key drivers).
- Explore the possible futures before the area and the consequences / implications.



## Key forces/drivers <u>Shaping the future of Winnemucca</u>

- 1. Mining longevity and stability
- 2. Increasing Hispanic population
- State tax base and revenues for education and other social services
- 4. 85% Federal land ownership
- 5. Tourism and gaming and the economic impact on community
- 6. Ageing population becoming a retirement community and brain drain
- 7. Availability of water
- 8. Lack of broadband infrastructure and connectivity/integration
- 9. Community apathy and complacency / resistance to change
- 10. Availability of transportation

- 11. Development of geothermal resource
- 12. Vulnerable to volatility in energy prices / impact on local food security
- 13. Checkerboard lands
- 14. Local government vision
- 15. Recreation as an attraction to area
- 16. Agriculture price of crops and cattle
- 17. Success or failure of California's economy
- 18. Influx of 'new' industry
- 19. Availability of local healthcare services and Access to affordable housing
- 20. Lack of cultural arts infrastructure



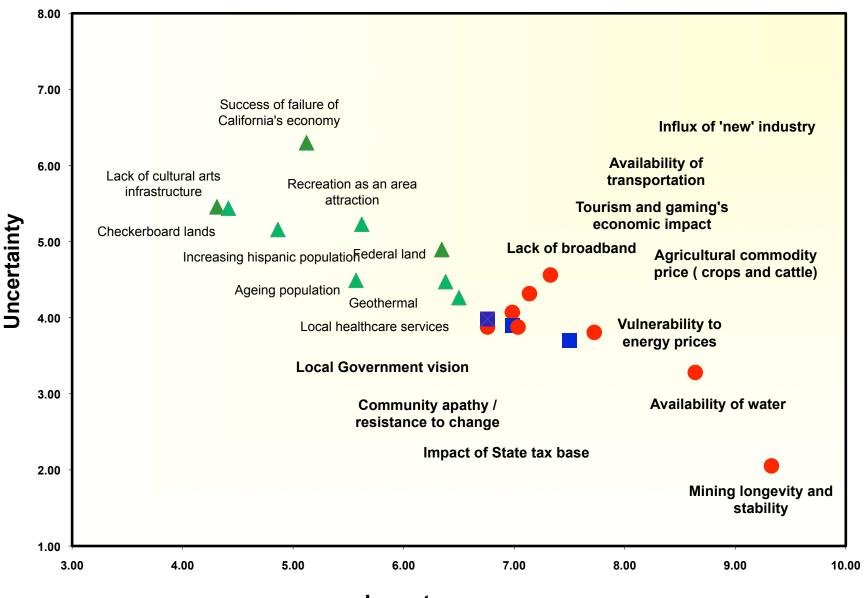
## **IMPORTANCE / UNCERTAINTY MATRIX**

## Rate each driver on a 1 – 10 scale (1=low; 10=high)

Driver	Importance	Uncertainty



## **Scenario Shaping Clusters of Drivers**



Importance

#### **REGIONAL SCENARIO SHAPING CLUSTERS OF DRIVERS**

#### **Economic resilience and diversity**

Mining longevity and stability

Influx of 'new' industry

Availability of transportation

Tourism and gaming and the economic impact on community

Lack of broadband infrastructure and connectivity/integration

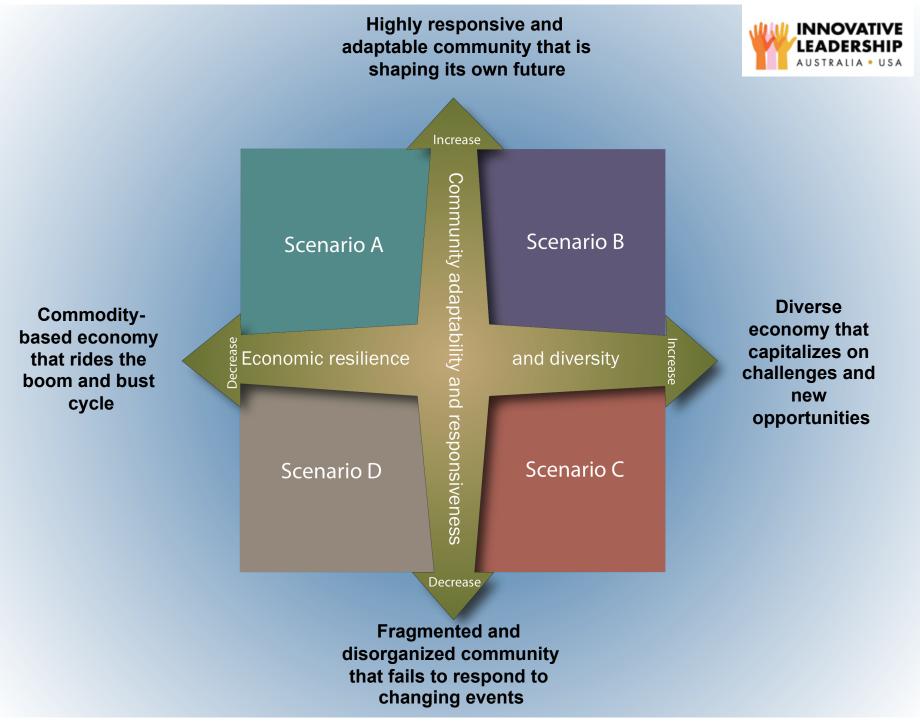
Agriculture price of crops and cattle

Vulnerable to volatility in energy prices / impact on local food security Availability of water

#### **Community adaptability and responsiveness**

Community apathy and complacency / resistance to change State tax base - revenues for education / social services Local government vision

## SCENARIO SHAPING CLUSTERS



Scenario name and brief description
Social Characteristics
Economic Characteristics
Environmental Characteristics

## SCENARIO TIMELINE

Social	Economic	Environmental
2012	2012	2012
2020	2020	2020
2030	2030	2030

# REGIONAL DIMENSIONS TO CONSIDER

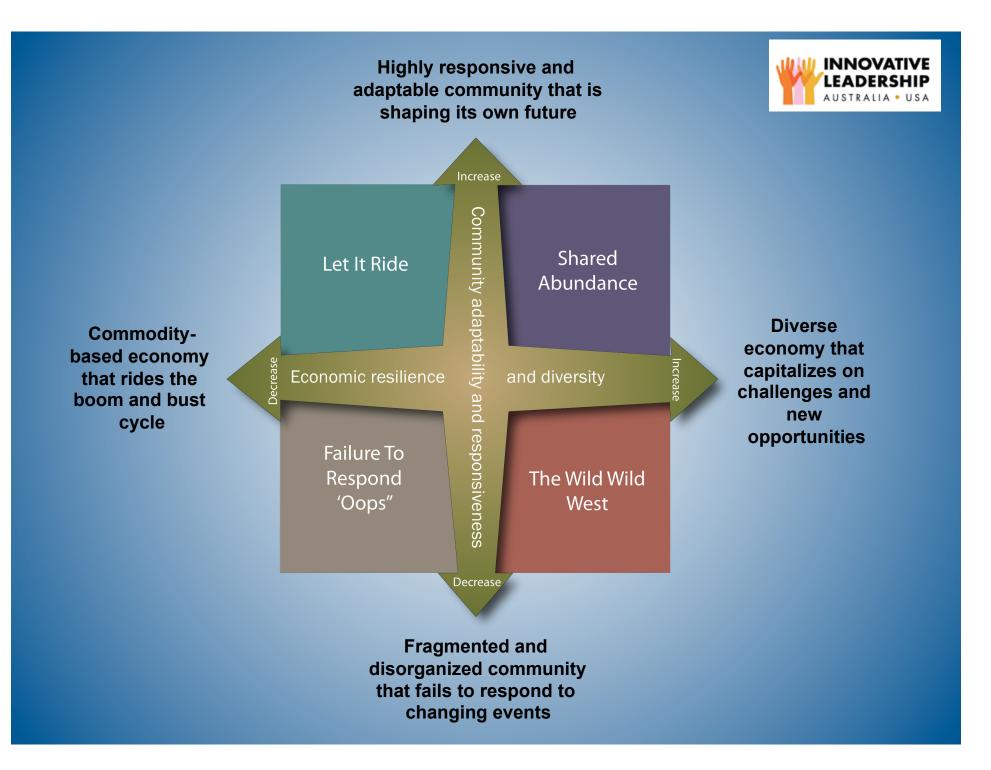
### (WHAT WOULD WINNEMUCCA BE LIKE IN 2030?)

- Population makeup/ characteristics
- Distribution of population
- Landscape and visual impacts
- 'Liveability' and quality of life features
- Skills and educational profiles
- Industry and economic profiles

## TIMELINE FOR SCENARIO FORMULATION

#### **Suggested Scenario Group timeline**

- 9:30 Group meet and scope-out scenario (15m)
- 9:45 Break into 3 groups develop characteristics (20m)
- 10:05 Small group report back (15m)
- 10:25 Break into 3 groups develop Scenario timeline (20)
- 10:45 Small group report back (15m)
- 11:00 Short scenario name (5m)
- 11:05 Return to main room ready to present



## RESILIENCE AND VULNERABILITY OF SCENARIOS

## How would we respond under 'shocks'?

- What would happen to our communities and people?
- What would our economy do?
- Impacts on the environment?

## Shocks?

- There is a revolt in China and gold prices drop to \$400/oz in 2015
- Major gold mine announces that they are going to fully automate operations.