

Sustainable Use of Rangelands in the 21st Century

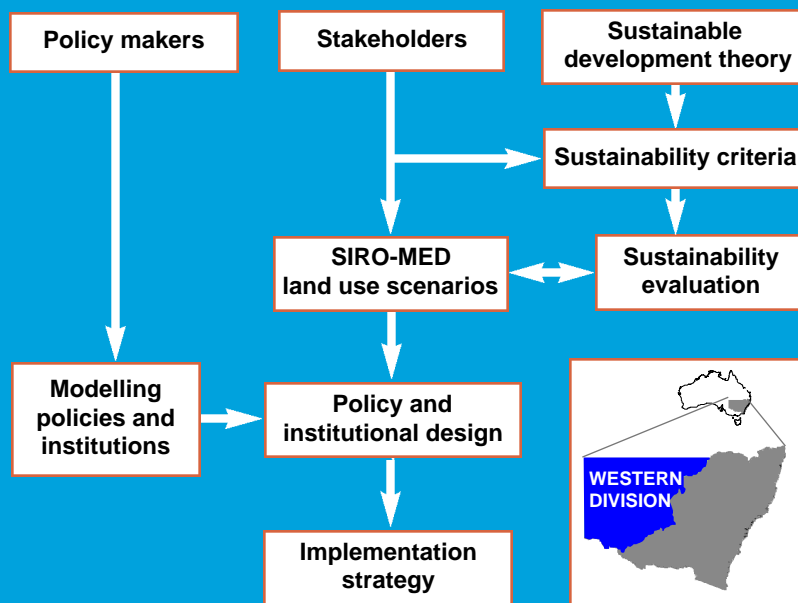
On the road to a better future for the Western Division of NSW

Our **PURPOSE**: facilitate the development of a politically feasible pattern of sustainable land use for the Western Division – a vision – and the means of achieving it.

"If you don't know where you are going, it doesn't matter which road you take"



The project at a glance



Policy groups are formed.

- They represent –
- local government
 - Aboriginal interests
 - heritage conservation
 - regional development
 - infrastructure planning
 - agricultural production
 - biological conservation
 - politicians
 - resource management agencies



Stakeholder groups are formed.

- They represent –
- pastoralists
 - conservationists
 - mineral industry
 - tourism industry
 - Aboriginal groups
 - alternative industries



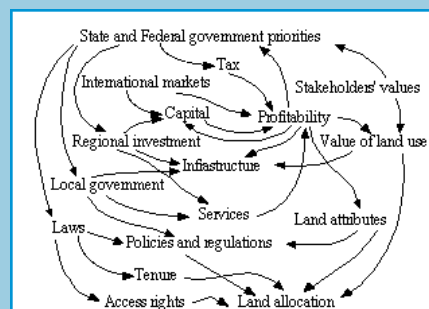
Much scientific wisdom exists on methods for sustainable development.

Acceptance of this wisdom will not occur without acknowledgement of the wisdom of stakeholders.

Sustainability criteria are developed based on theory and stakeholder values.

- For example –
- employment
 - land degradation
 - regional economy
 - biological conservation
 - greenhouse gas emissions
 - financial profit-level and variability

Policy groups work together to develop models of the factors affecting current land use allocation.



SIRO-MED Each stakeholder group develops individual land use scenarios which are later merged into one vision of the future.

- Steps are –
- identify potential land uses
 - develop guidelines for suitability of land
 - establish weightings for guidelines
 - collect land attribute data
 - allocate land to uses
 - map land uses
 - alter guidelines and weights until satisfied
 - review the sustainability of each scenario

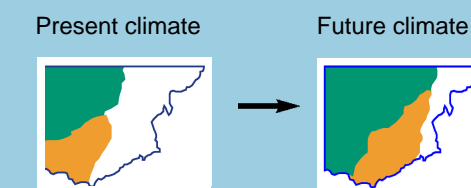
Policies and institutions are designed that implement the land use vision.

- They –
- use the knowledge of existing allocation systems
 - reflect the values and desires of stakeholder groups
 - are 'owned' and supported by policy groups

Direct involvement of both groups increases the likelihood of successful implementation.

Sustainability of land use scenarios is evaluated using data and models.

- For example –
- the influence of climate change on land use patterns



A strategy for implementation is developed.

- For example –
- land tenure
 - community groups
 - laws and regulations
 - taxation and incentives
 - infrastructure and services
 - local, state, federal organisations