

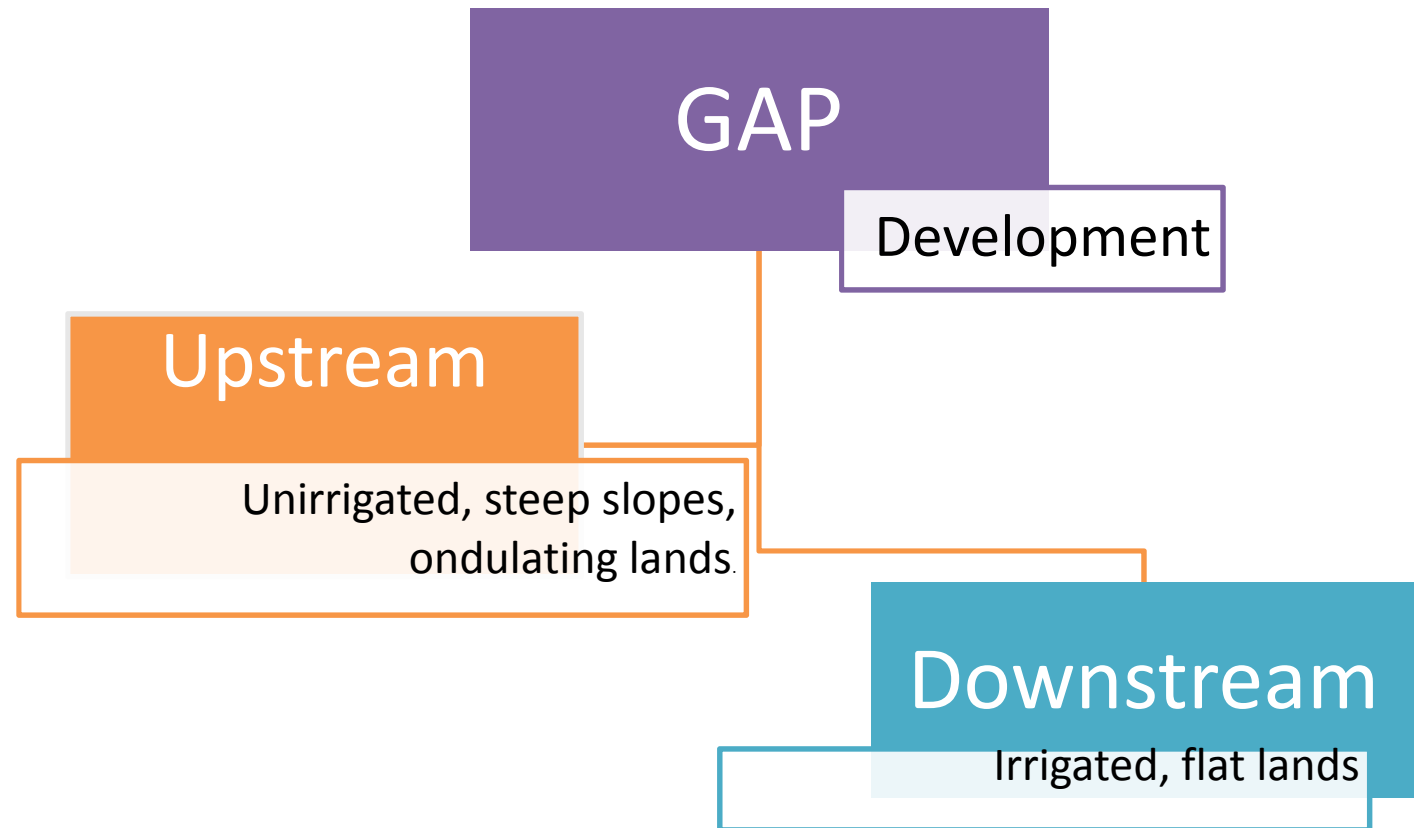
THE MANAGEMENT PLAN BASICS OF NATURAL RESOURCES IN GAP ON THE BASIS OF WATER AND SOIL

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Adiyaman University, TURKEY
RIHN, JAPAN
Çukurova University, TURKEY



CHARACTERISTICS

GAP has **2** sub regions





CHARACTERISTICS

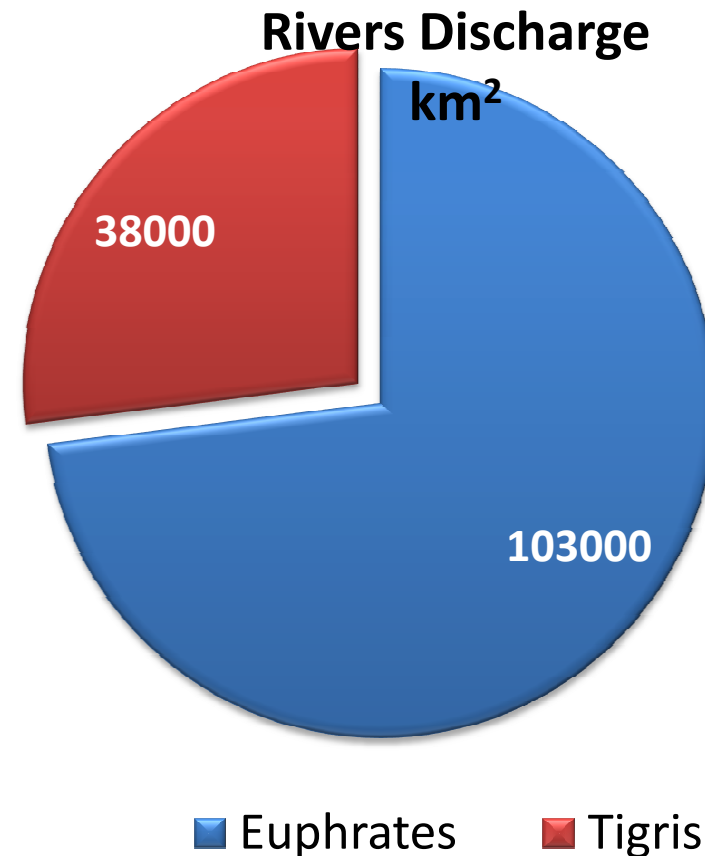
GAP has 2 climate zones





CHARACTERISTICS

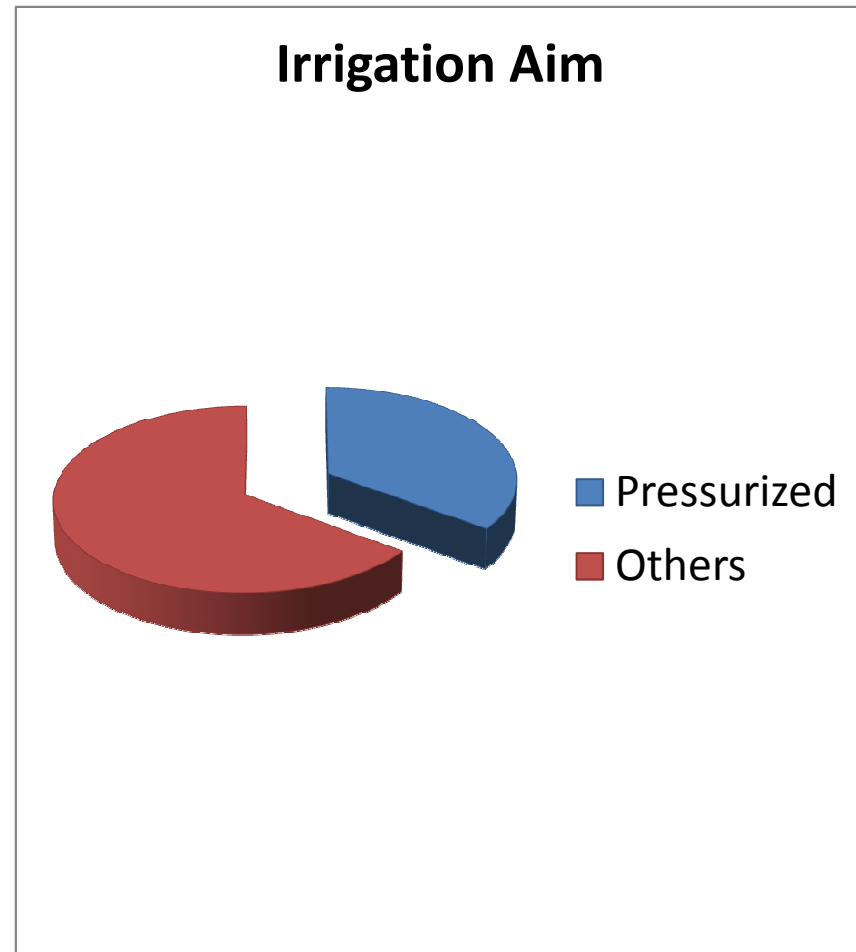
- The water quality rivers is good -0.6dS/m , 0.4SAR - except groundwaters close to Akçakale depression zone of Harran Plain





CHARACTERISTICS

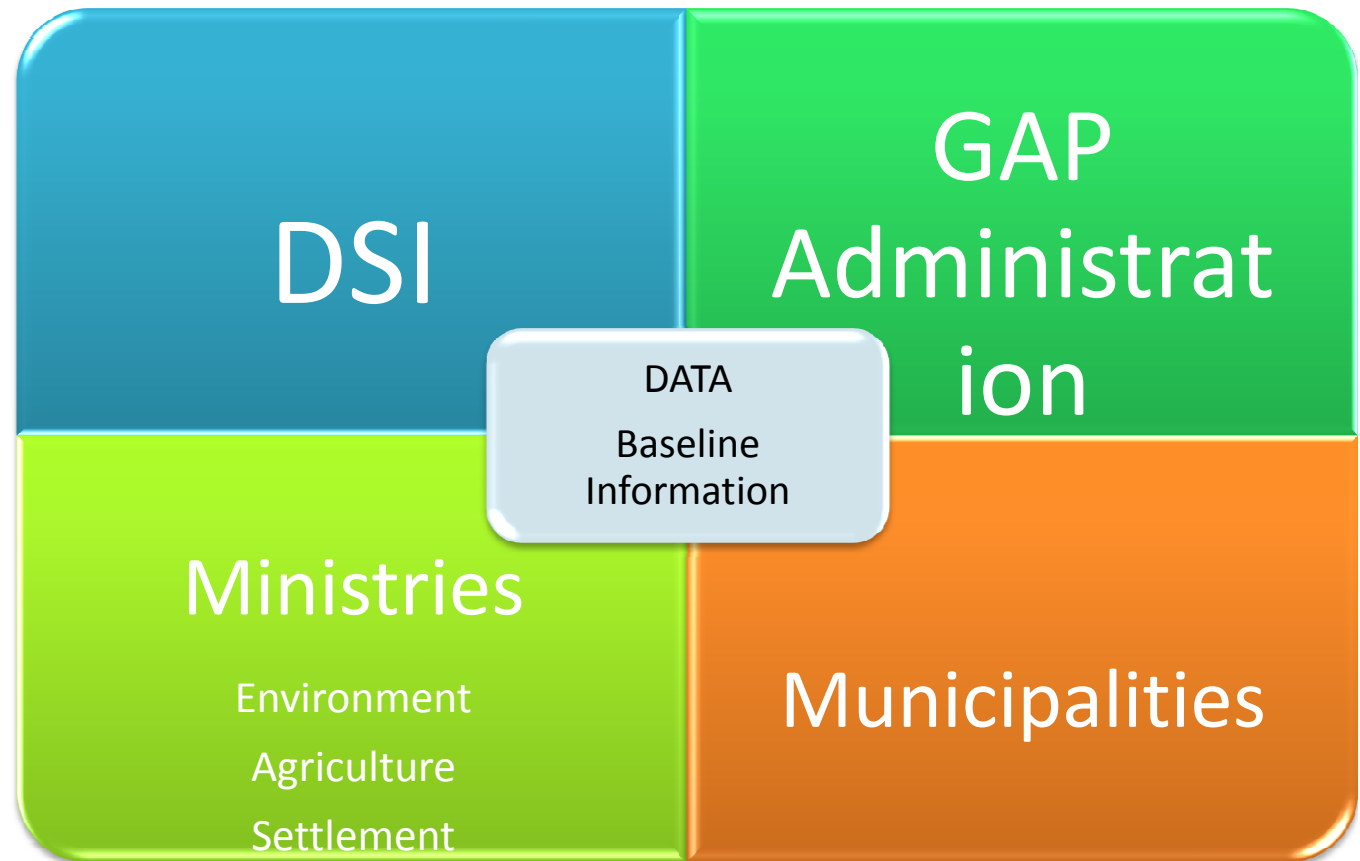
The trend of irrigation mode is pressurised





BOTTLENECKS

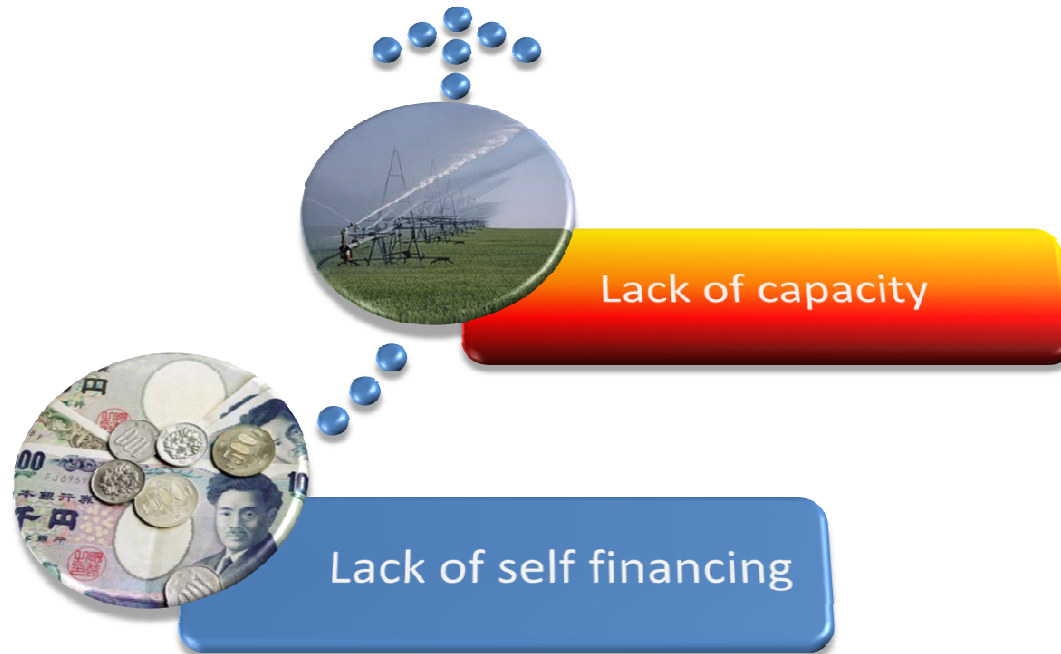
- Available data (soil, water – surface/ground, crop) handling is not well-organized.
- Accessible but needs time and harmonisation
- Lack of up to date knowledge





BOTTLENECKS

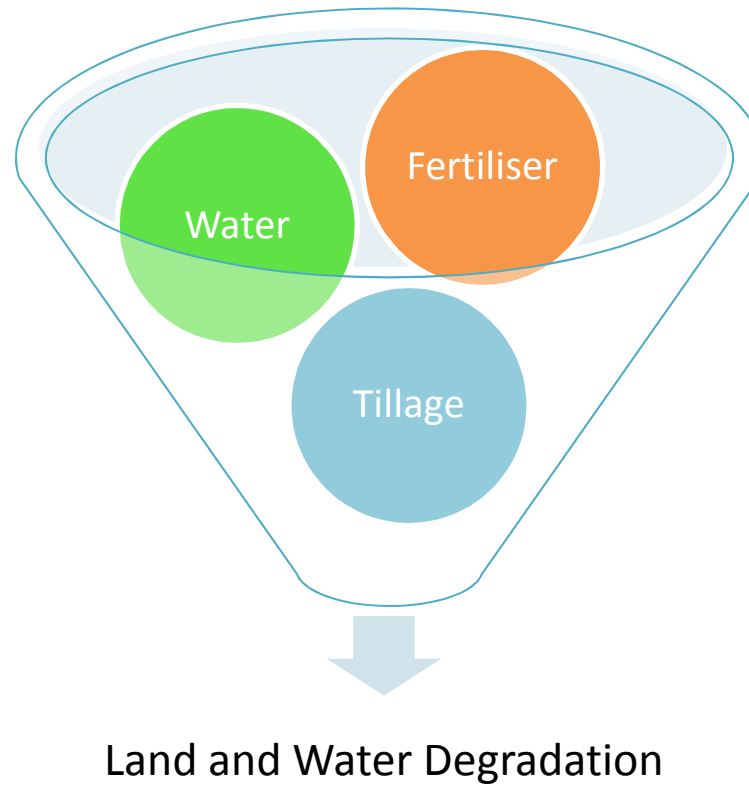
Farmers has  shortcomings for water use





COMPLAINTS

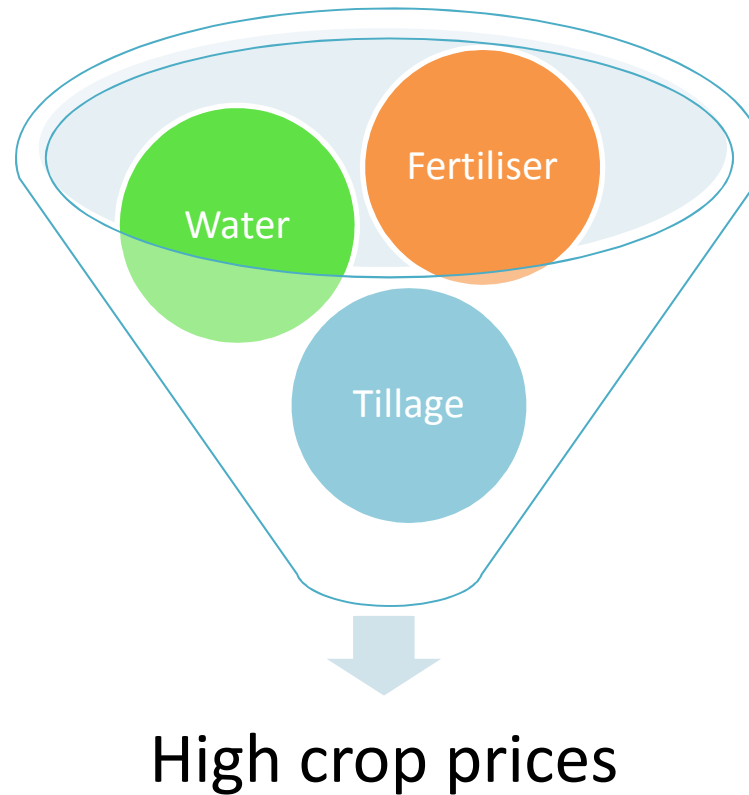
Farmers of upstream even limitations exist demanding for increasing yields





COMPLAINTS

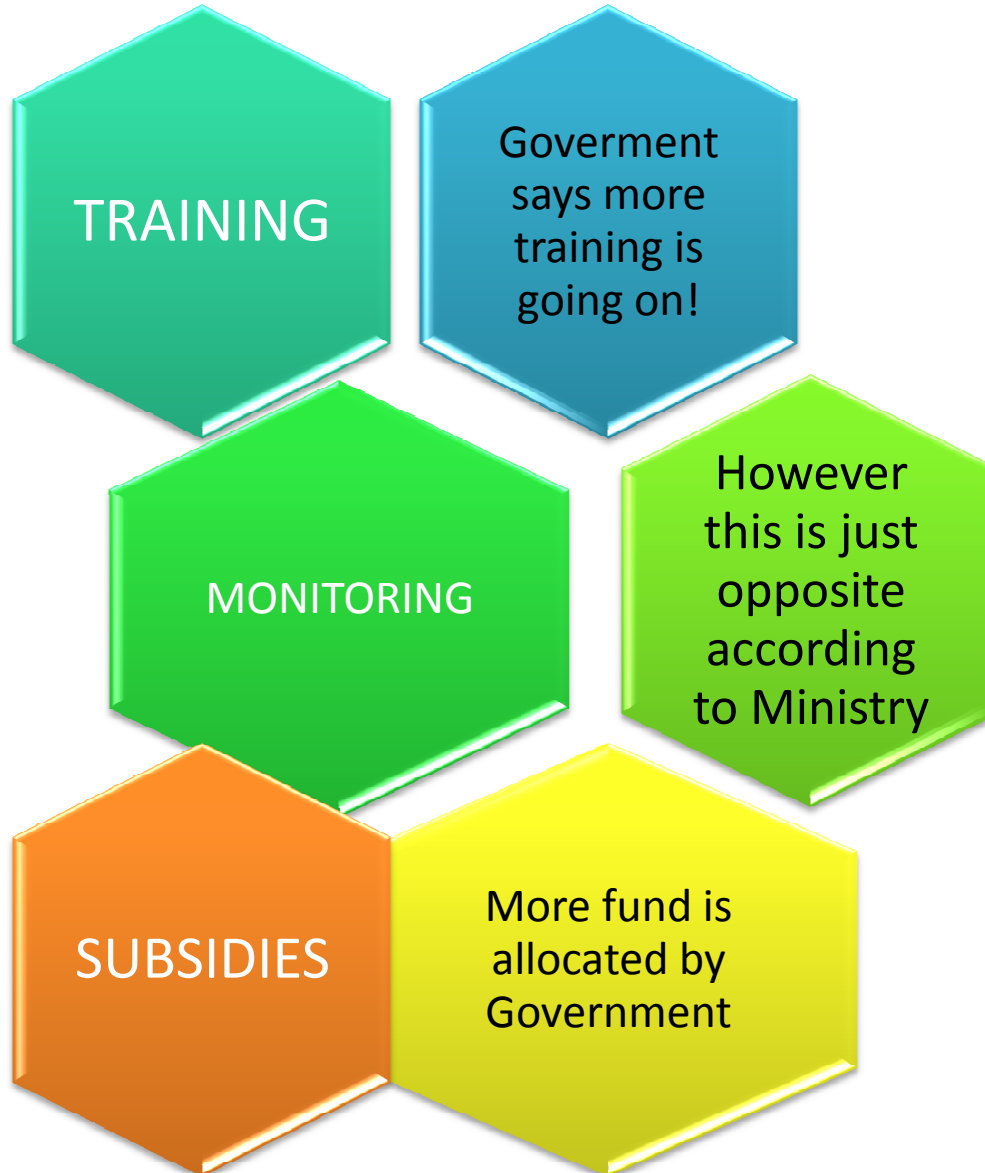
Farmers of downstream complain the high input prices for production





COMPLAINTS

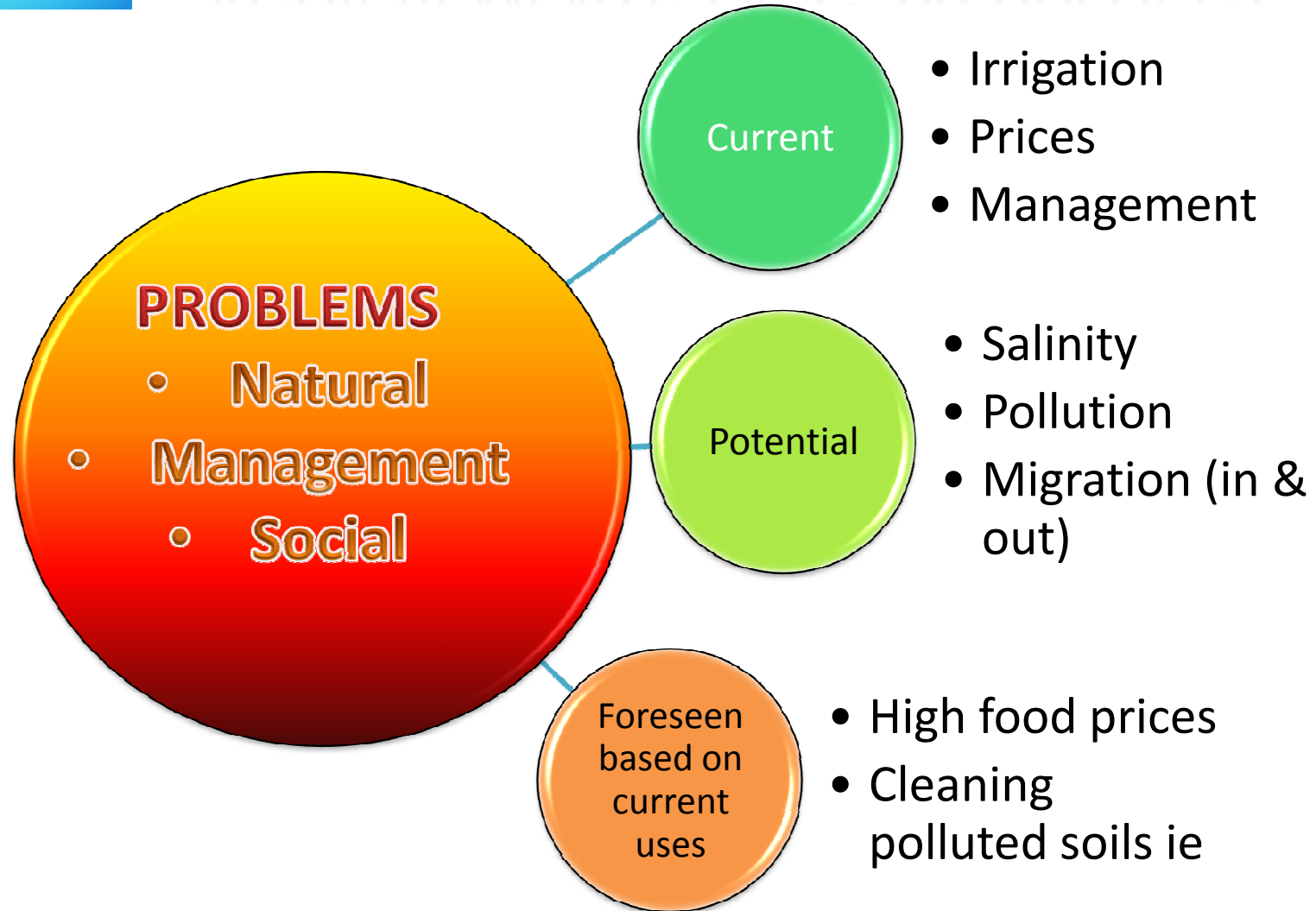
FARMERS

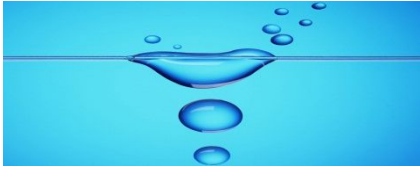


GOVERNMENT



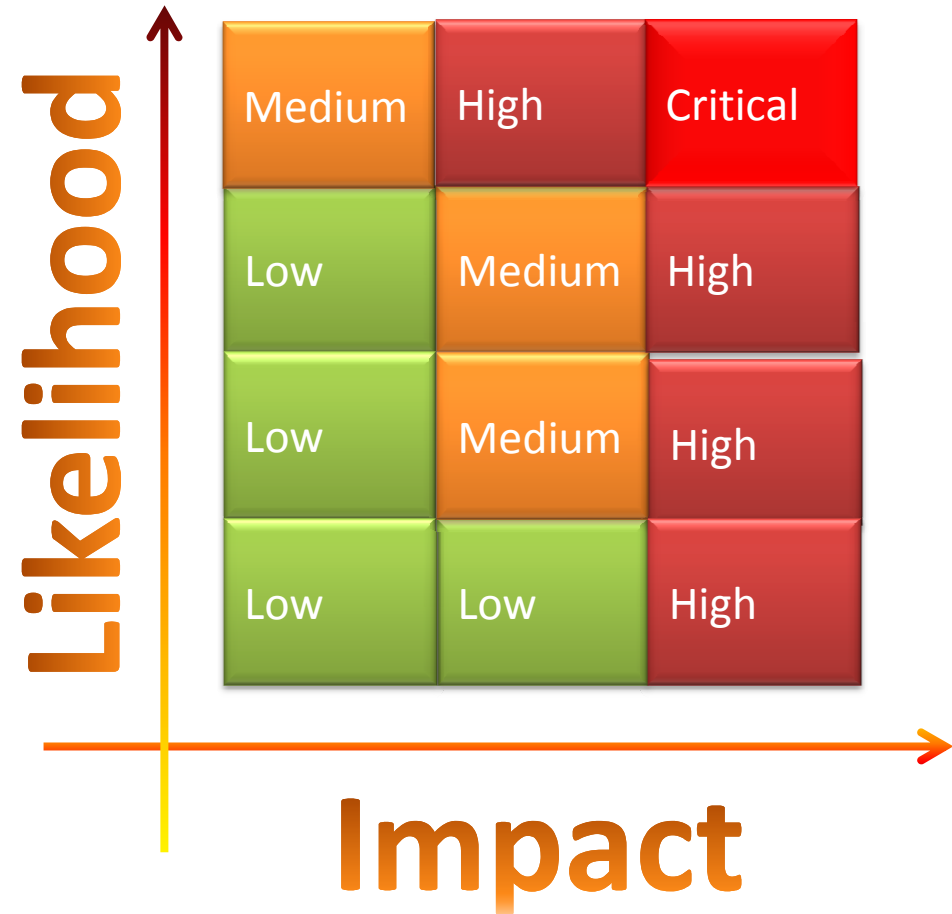
ACHIEVEMENTS OF C-09 PROJECT





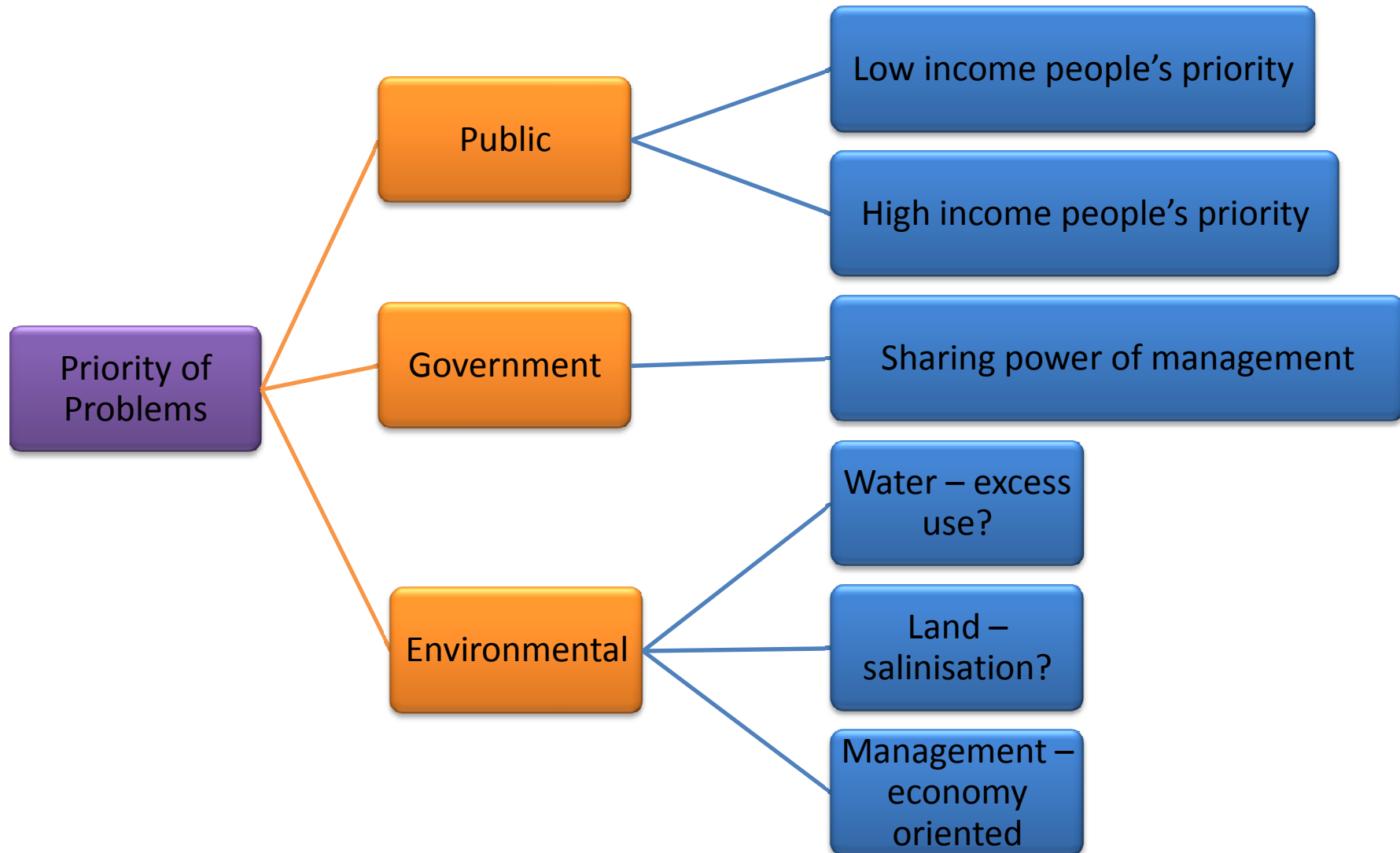
ACHIEVEMENTS OF C-09 PROJECT

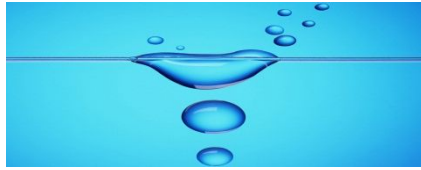
- Priority of problems need definition for urgent solutions....
- The determination of priorities will shape future (short and long term) study topics in the area....





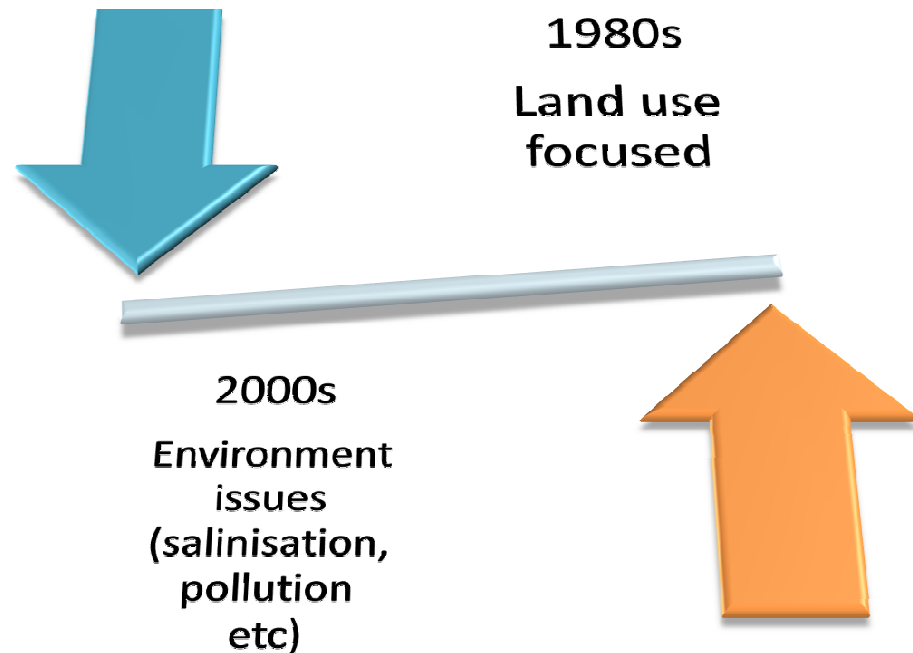
ACHIEVEMENTS OF C-09 PROJECT





ACHIEVEMENTS OF C-09 PROJECT

- Interviews showed that GAP Projects efficiency (or penetration) and realization should be revisited both for management and natural aspects since land use aspects seem more focused than environmental concerns at the beginning of the project.





INDICES

Income

- Public
- Government (taxes)

Social

- Satisfaction of locals (economy etc)
- Philosophy of locals (expectations from life)

Natural Resources

- Current quantity
- Future quantity
- Consumption rate
- Quality

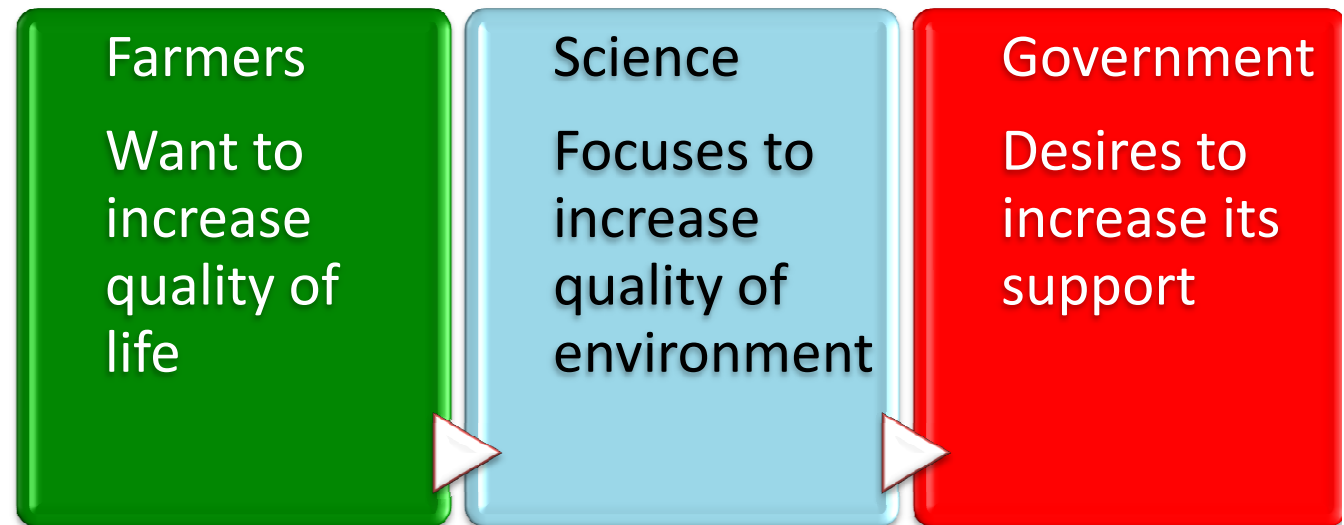
Land Management

- Crop pattern
- Changes in crop pattern (short, middle and long range)



APPROACH

Not only science based but should also meet the demands of land users and the outcome should be understandable and applicable by government

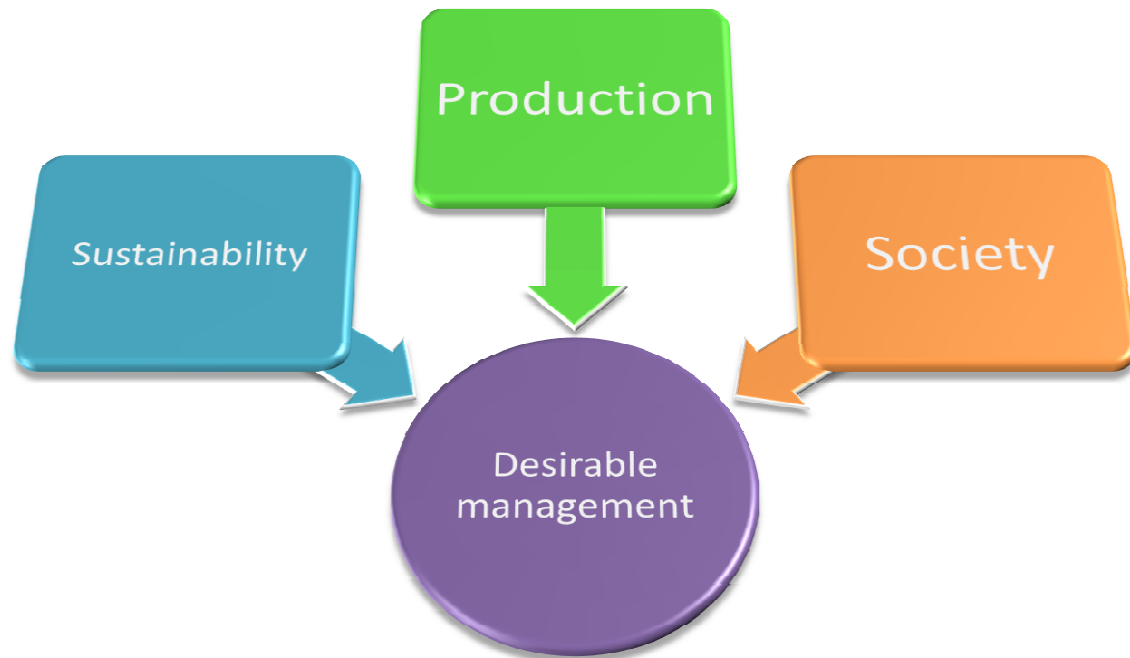




NEED TO KNOW

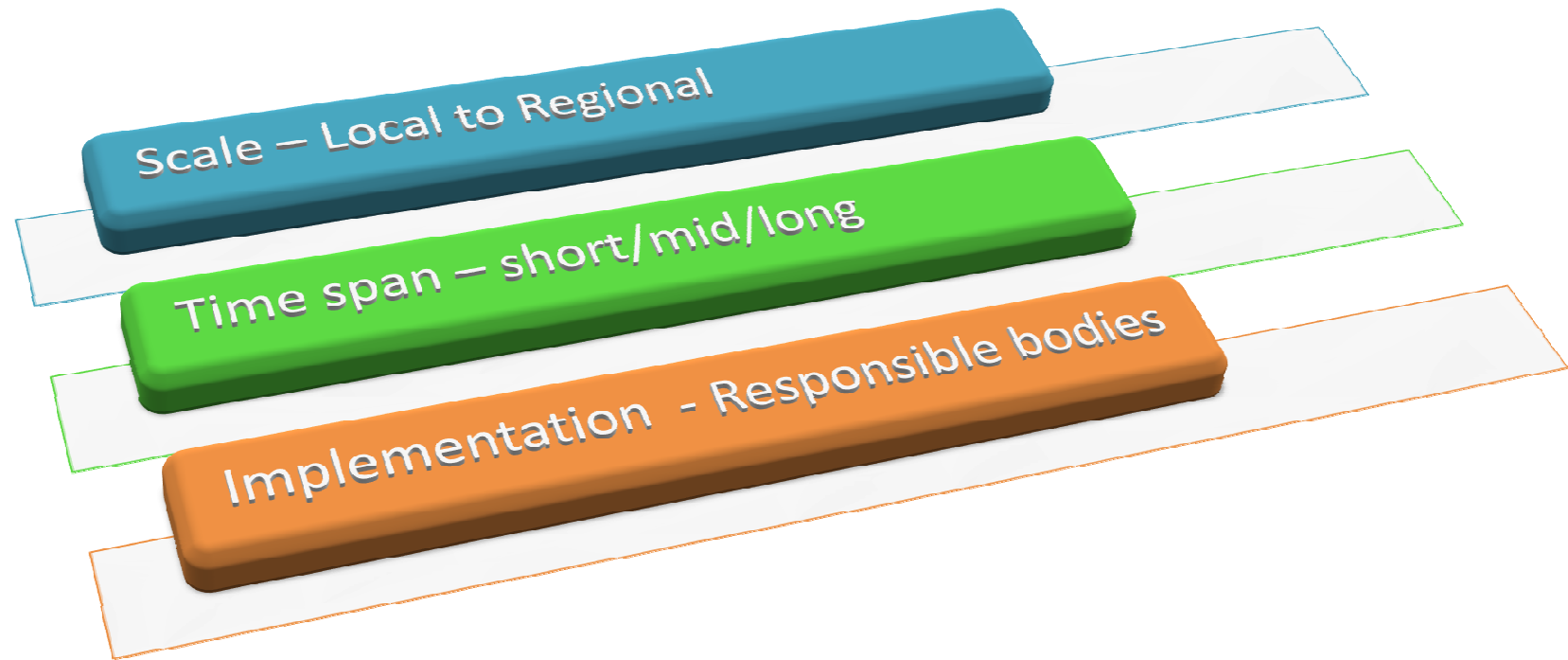
Finally, these are the cases for GAP region.

The similar study need to be accomplished at other case areas to determine similarities or differences among sites to define desirable management of soil and water .





ISSUES TO BE DEFINED



If you let nature,
it can do its best



THANKS A LOT

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