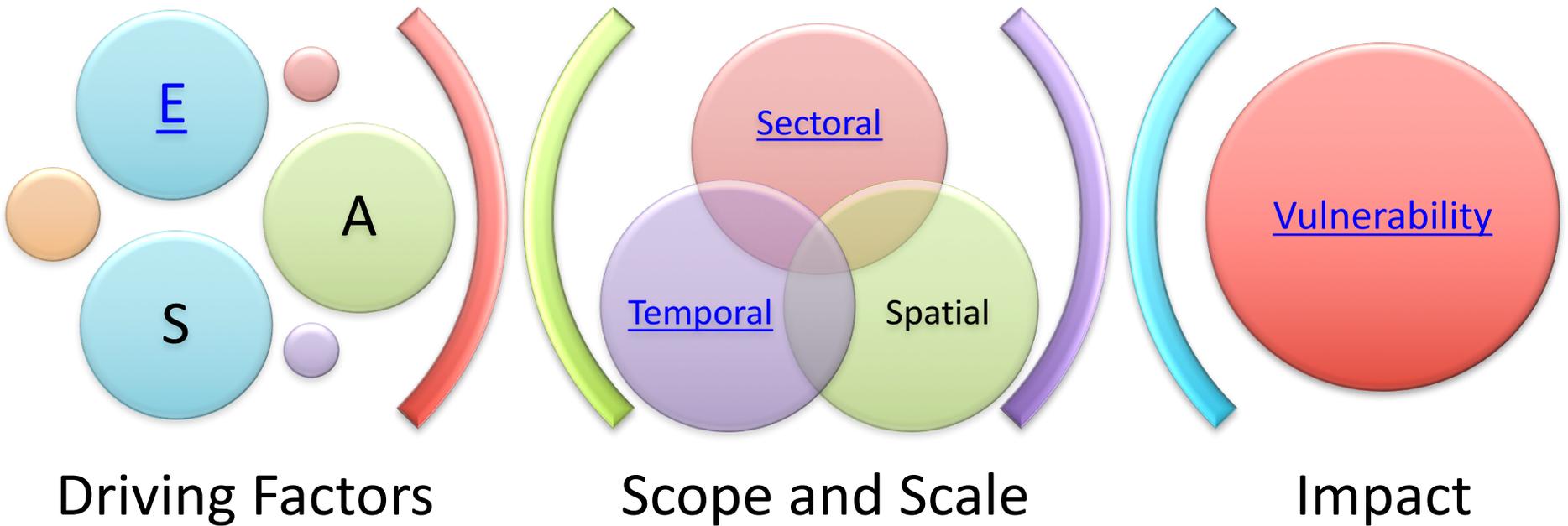




Heart of incredible India
Madhya Pradesh

**A state vulnerable and
responsive to
Climate Change**

Vulnerability of MP



Exposure to Climate Change

- Madhya Pradesh is dual exposed
 - Biophysical + Socioeconomic and
 - Market forces
- Extreme Weather events are more frequent and intense
- Climate variability is more pronounced and unpredictable than ever before:
 - Erratic and uneven rainfall
 - Unprecedented rise in Temperatures



Climate Extremes

Frost



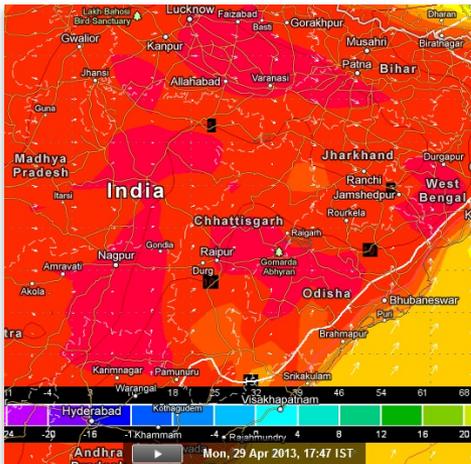
Hailstorm



Floods



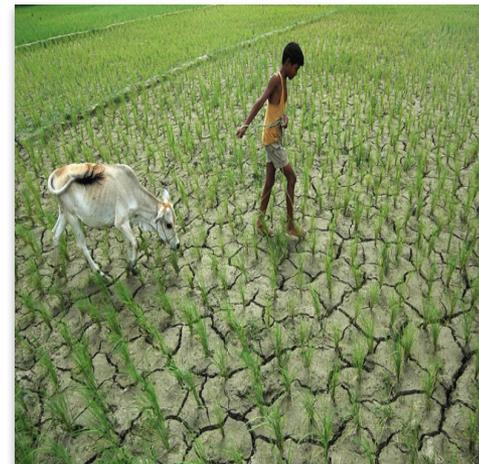
Heat Waves



Cold Waves



Drought



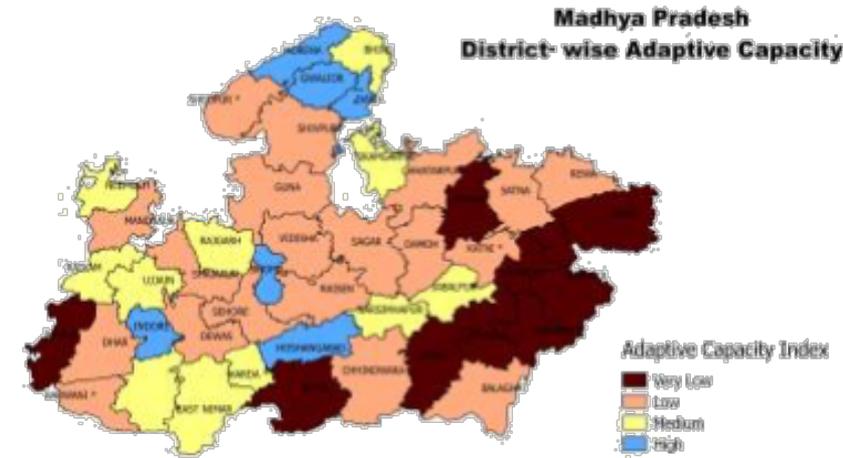
Sensitivity to Climate Change

- Vast size- 51 districts, second largest state
- Primarily Agrarian economy where agriculture is mainly rain fed
- MP striving to achieve development parameters for the population
- 40% population classified as Below Poverty Line. 35% population tribal
- Pockets of acute water scarcity, erratic rainfall bouts of drought and flood prone areas
- Other sources of livelihood are based on Natural resources such as NTFP, Fisheries, agro based industries, handicrafts from bamboo

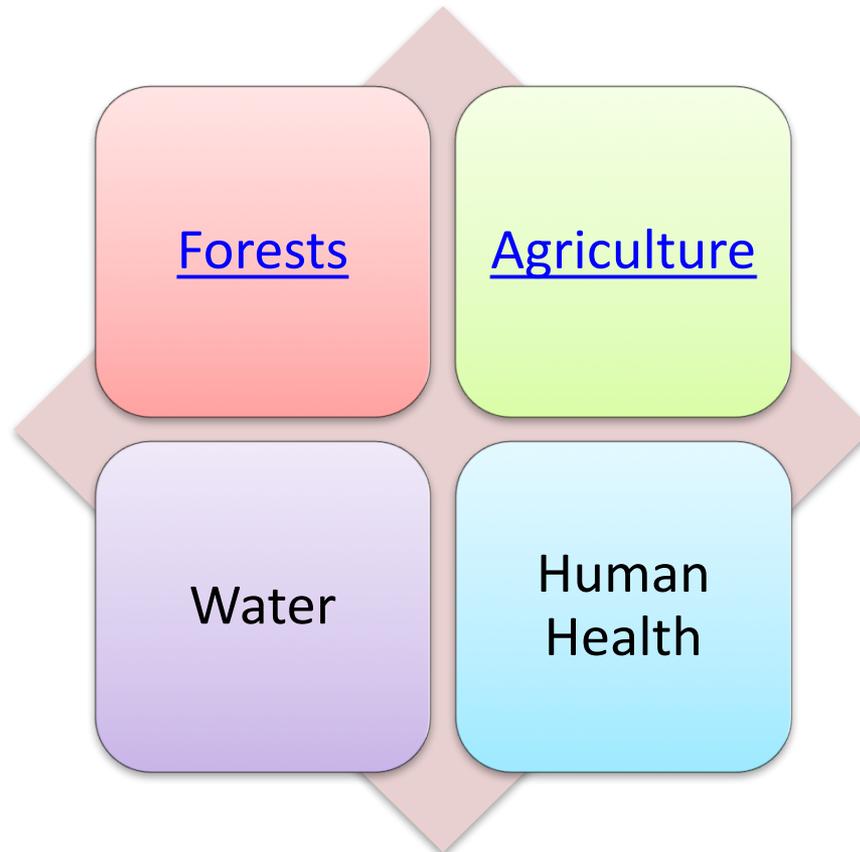


Adaptive Capacity to Climate Change

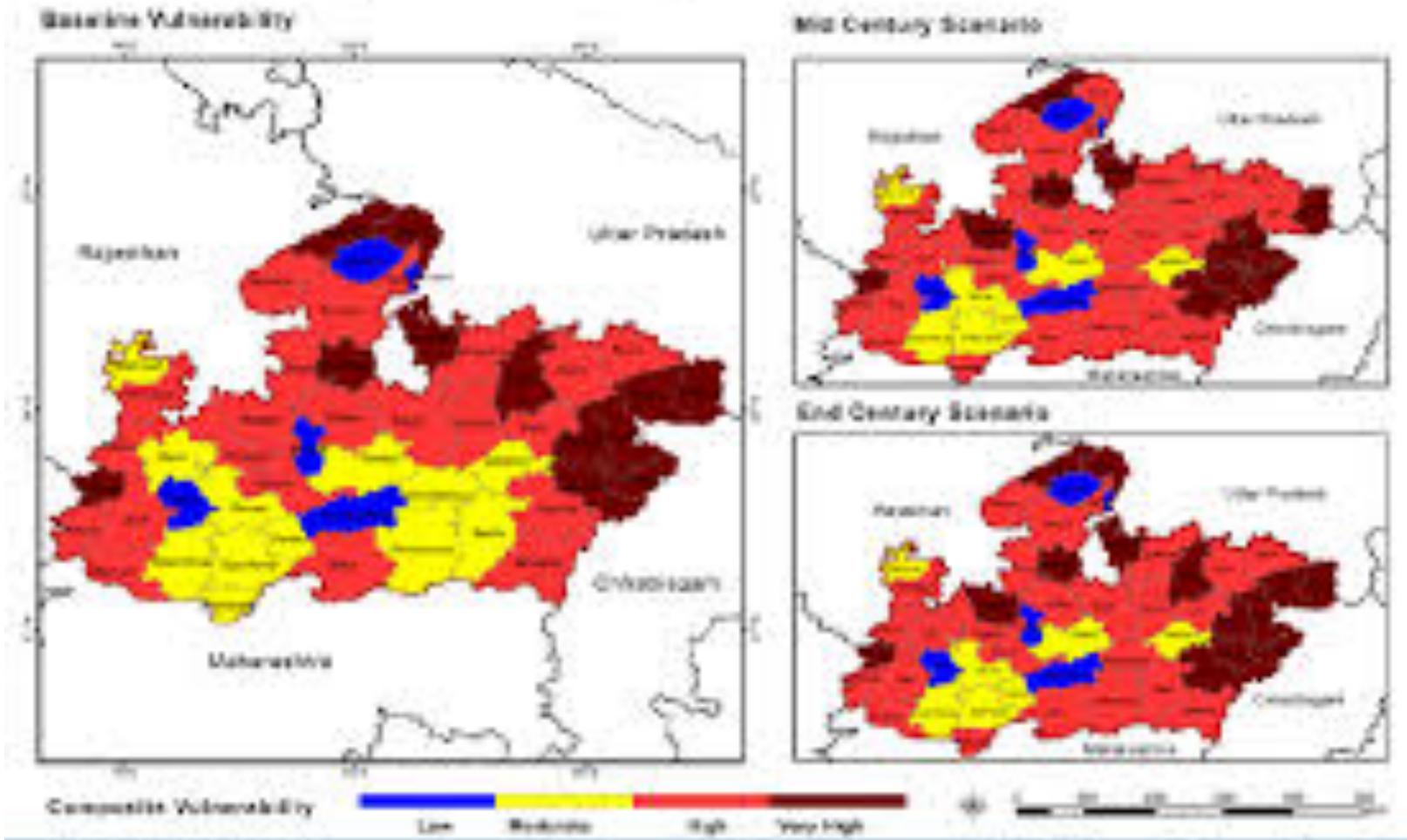
- Low Adaptive capacity
- Big development interventions to increase the resilience and coping capacity of rural and urban poor
- Opportunities for diversification of livelihood options exist
- Dedicated department/ team for climate change issues
- Scientific studies being undertaken for more reliable information
- SKMCCC, with department leading to formulate adaptation projects



Sectoral Vulnerability Climate Change



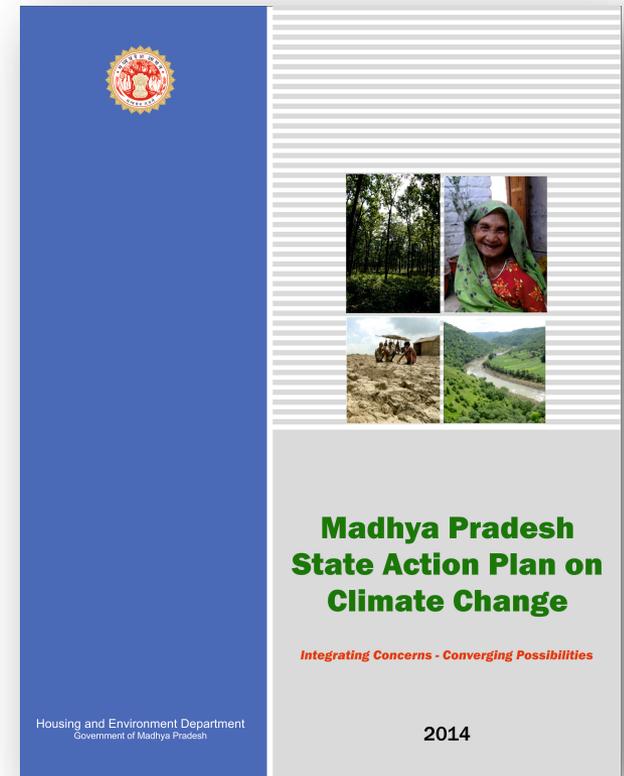
Composite Vulnerability of MP



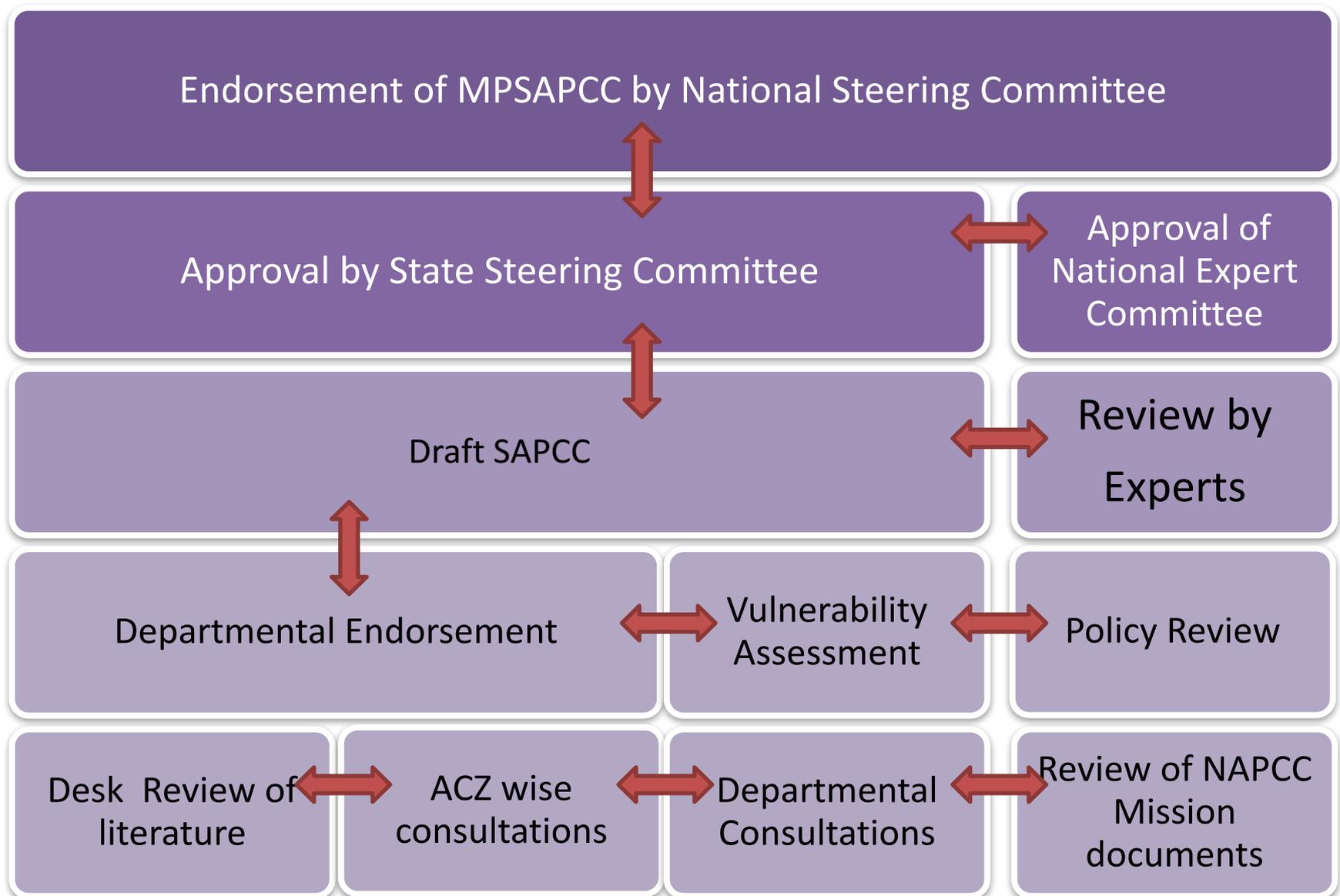
Guiding Principles of MP SAPCC

Focus

- Vulnerability and Adaptation (V&A)
- Devising appropriate adaptation
Aligning with National Missions on
Climate Change
- Integration of CC Concerns in State
programs and policies
- Address regional concerns and
outline strategies for a climate
resilient state
- Strengthen developmental planning
process favouring low carbon
growth

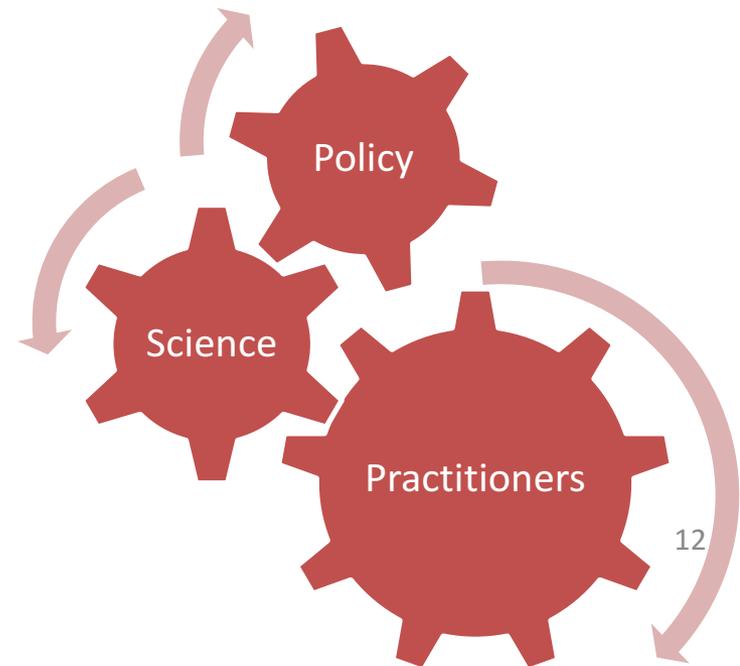


MP SAPCC Process



Strategies bringing positive impact

- State Designated Agency for Climate Change
- SKMCCC First ever model of climate change at the sub-national level.
- Climate Change Knowledge Portal
- Participatory and consultative planning process
- State studies on VRA and GHG inventory
- Helped establish a strong connect between climate science, climate policy and practitioners
- Support strategic planning of government agencies



Initiatives

- UNDP-SDC & GoMP Project on Strengthening State Strategies for Climate Actions
- Developing 60 Climate Smart Villages in 3 Vulnerable districts of MP under NAFCC
- Project on Restoration & Conservation of Traditional Water Supply Sources of Indore under NAFCC
- Climate Smart Agricultural & Forest Communities using Landscape Approach in Betul District for GCF
- Relocation & Rehabilitation of Forest Dwelling Communities in Tiger Reserves of MP for GCF

New CC Challenges in MP

- SDG and Paris Agreement / NDC new Contexts
- Data and information for VA
- Methodological Clarity and agreements on VA
- Drill down VA at the district level
- Developing a state specific Resilience plan perhaps revisiting of SAPCC
- Formulation of quality adaptation projects to
- Implementation of on going projects
- Communicating Climate Science and VA results to policy makers and practitioners
- **Downscaling for up-scaling**

Thanks