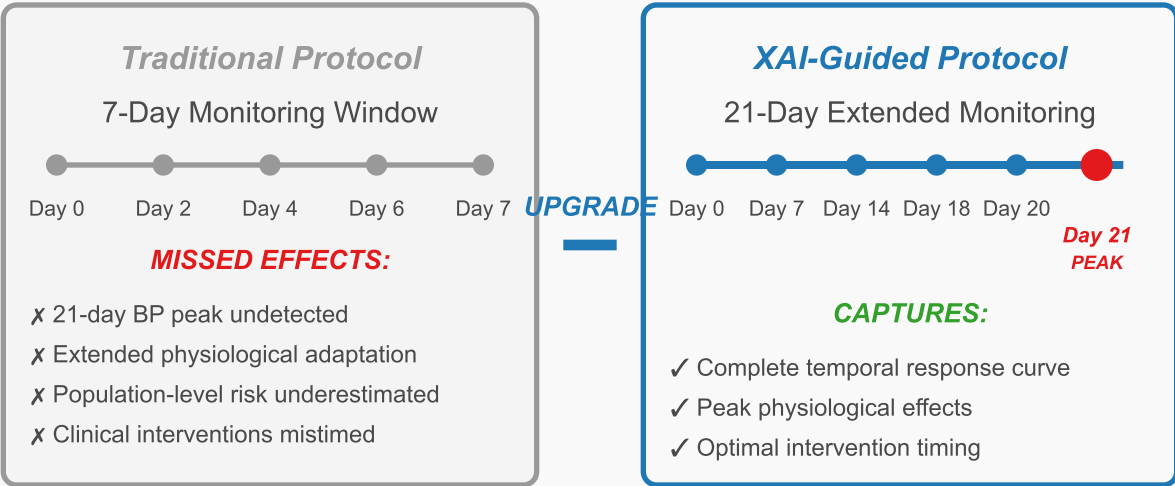


Figure 5: Clinical Translation and Policy Framework

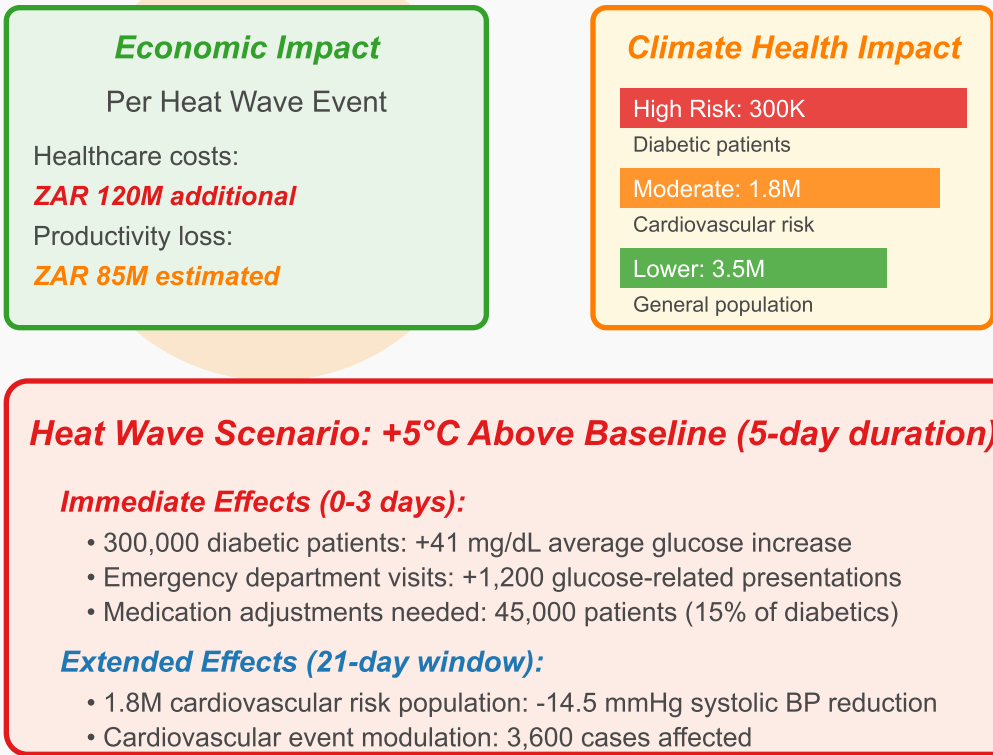
Panel A: Extended Monitoring Protocol Implications  
Revolutionary 21-Day vs Traditional 7-Day Monitoring Protocols



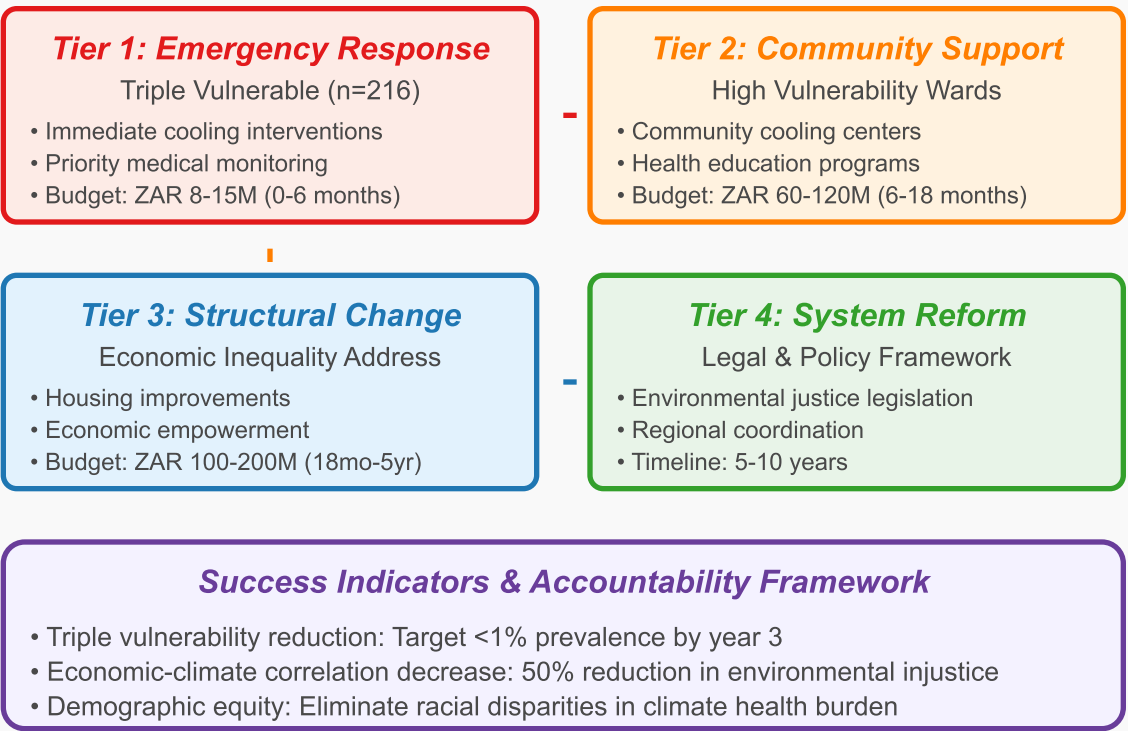
Clinical Implementation Guidelines

**Immediate glucose monitoring:** 0-3 day window for diabetic patients during heat events  
**Extended BP monitoring:** 21-day tracking protocol for cardiovascular risk assessment  
**Population surveillance:** Heat wave response protocols with extended temporal scope

Panel B: Population Health Impact Projections  
Johannesburg Metropolitan Population Health Impact Model



Panel C: Environmental Justice Intervention Framework  
Evidence-Based Environmental Justice Action Plan



Panel D: XAI-Guided Research Paradigm for Future Studies  
XAI-Guided Research Paradigm: Framework for Future Studies

