Long-term Climate Impact Projection: Renewal Theory Framework vs Baseline Business as Usual (±uncertainty) Renewal Theory Framework (±uncertainty) 130 Baseline Emissions Trajectory Renewal Theory Emissions Trajectory 200 **Cumulative Emission Reduction** 120 Cumulative Reduction (units) Relative Emission Index 110 100 90 50 Key Results Summary: • 100% Transaction Success Rate 80 • Average Gas Cost: 14.59M Gwei Progressive Improvement: 64→128→192 units
Temperature Reduction: ~0.8°C (estimated) • Nash Equilibrium Convergence: <20 iterations 2026 2028 2030 2032 2034 Year