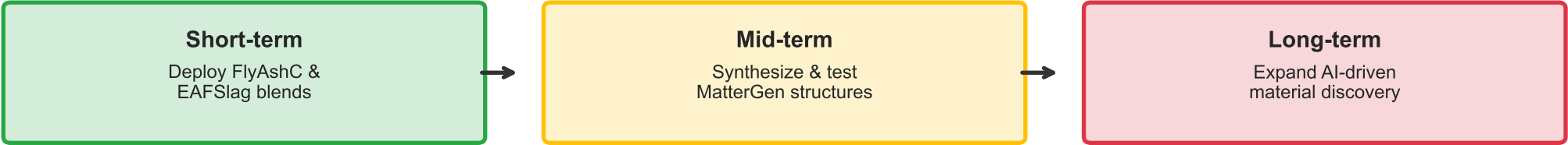


Research Outcomes and Recommendations

Key Findings:

- 1. Screened 16 industrial waste candidates using CHGNet
- 2. Identified Top 5: FlyAshC (90.3), EAFSlag (89.4), WasteGlass (84.7)
- 3. Generated 32 novel structures with MatterGen (26 valid compositions)
- 4. Best MatterGen structure: Ca₂Si₂O₆ (E/atom = -7.82 eV)



Expected CO2 Reduction:

