

Evaluation's Role in Reducing GHG: Yes, it matters...A Lot!

Mike Rufo

Executive Consultant

Itron Inc.



Evaluation, It Cycles

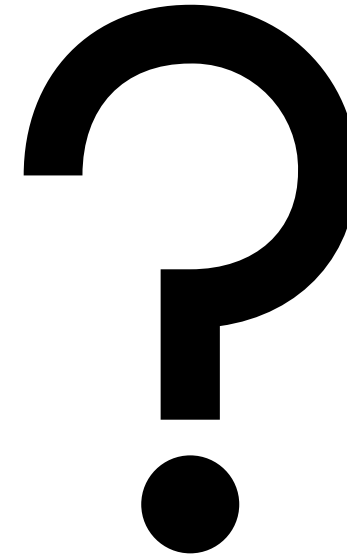
Historic booms and busts

Shifting objectives and rationales

Changing industry structures

Changing paradigms and technologies

GHG Reduction Policies



CA GHG Goals & Policies (CA GHG Scoping Plan)

CALIFORNIA'S CLIMATE POLICY PORTFOLIO



Double building efficiency



Cleaner freight and goods movement



50% renewable power



Slash potent "super-pollutants" from dairies, landfills and refrigerants



More clean, renewable fuels



Cap emissions from transportation, industry, natural gas, and electricity



Cleaner zero or near-zero emission cars, trucks, and buses

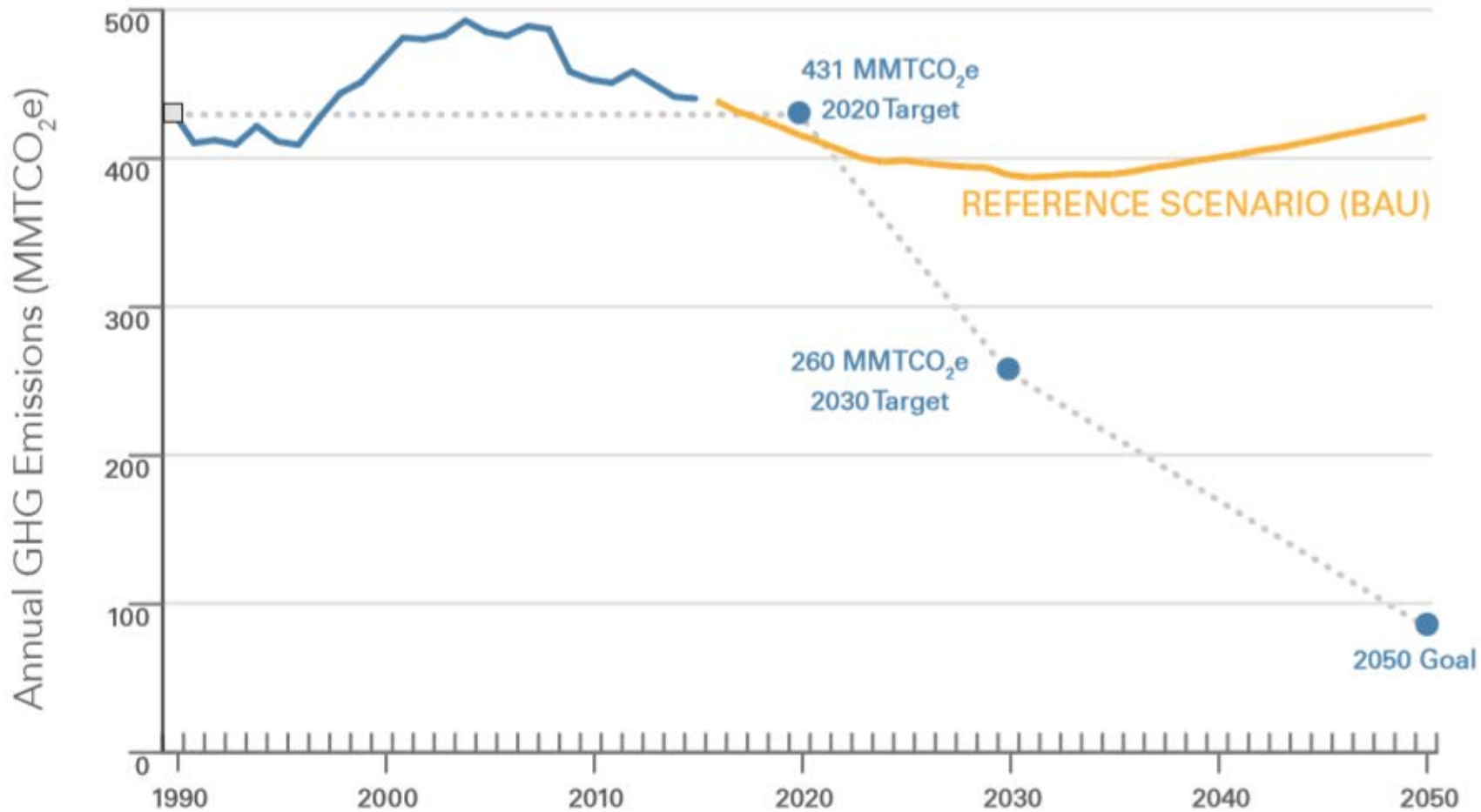


Invest in communities to reduce emissions



Walkable/Bikeable communities with transit

CA GHG Goals & Policies (CA GHG Scoping Plan)



Evaluation and the Climate Change Challenge

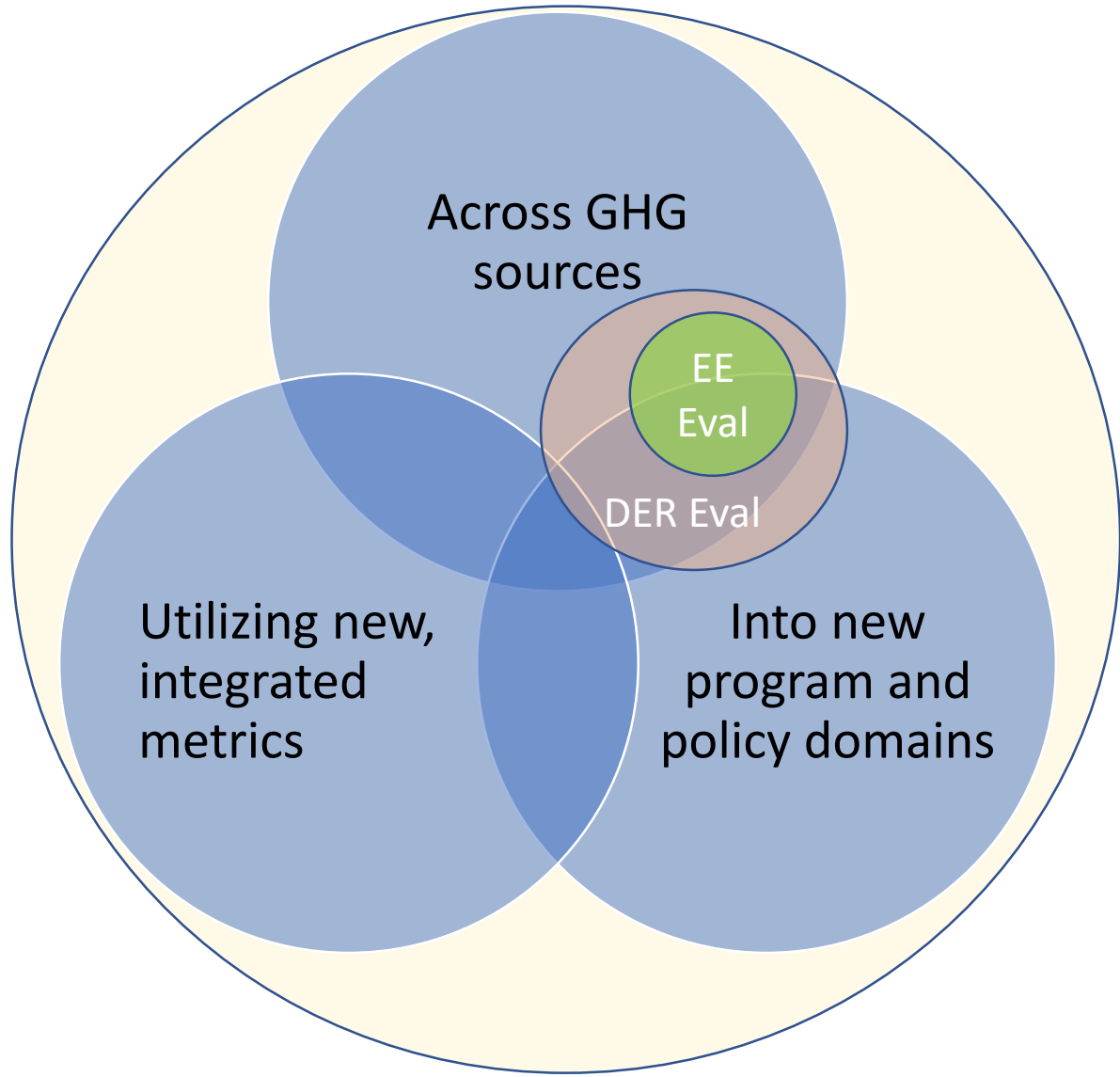
Cost of mitigation options vary widely

GHG sources are silo'd, despite interdependencies

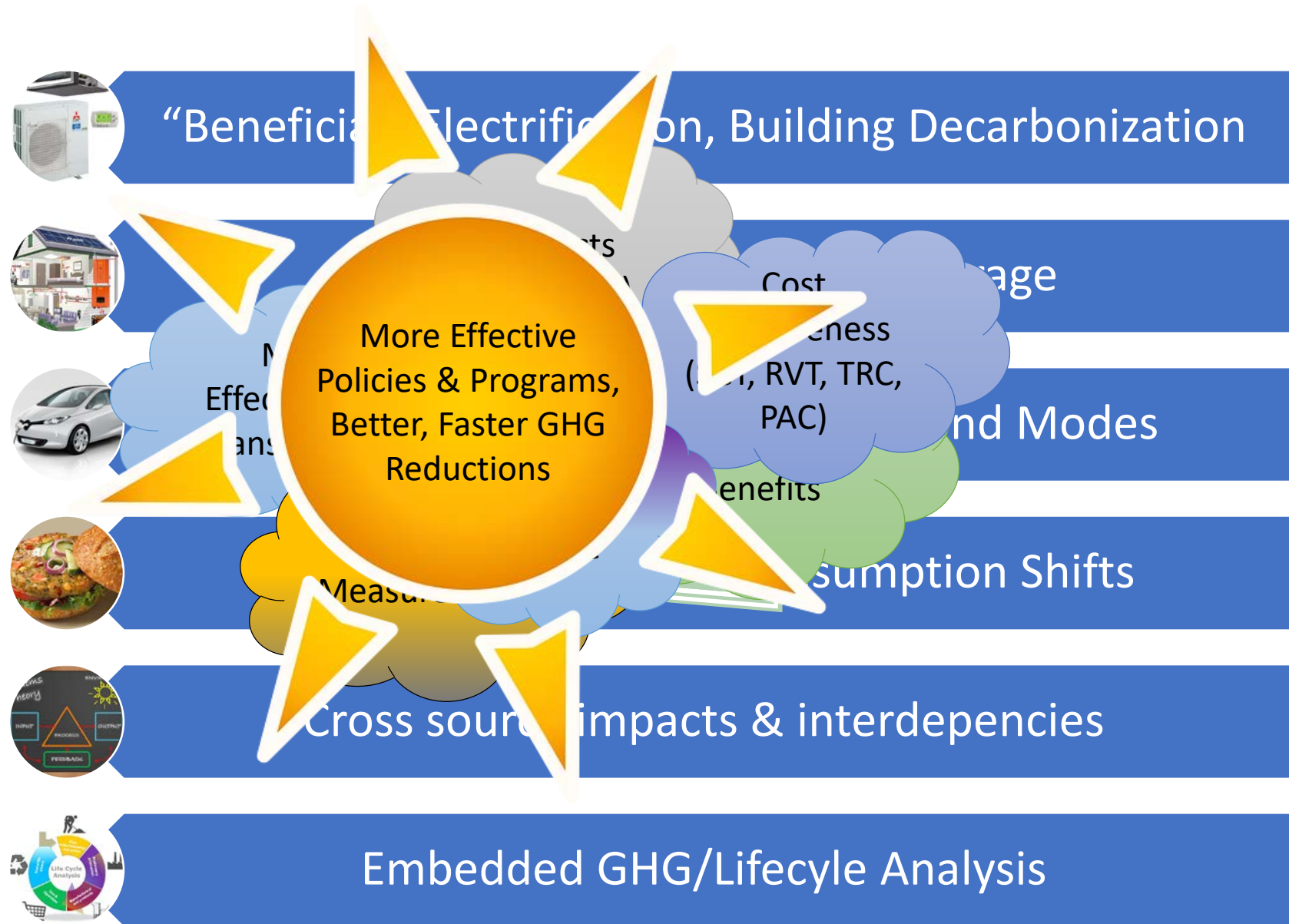
Magnitude/pace of change could limit or expand evaluation

Integrated GHG Evaluation

Evaluation
Should Be
Expanding...



For
Example...



\$ per metric ton of carbon equivalent avoided