



VERMONT ENERGY AND GHG TARGETS: A VISION OF HOW TO GET CLOSE

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AND MAYBE MAKE IT

But it's going to take a lot of work

- State and Federal policies are both essential
- Policies need implementers on the ground to make them real
- What follows are rough estimates
(and remember, forecasts are always wrong)

COMPREHENSIVE ENERGY PLAN

- Energy Goals:

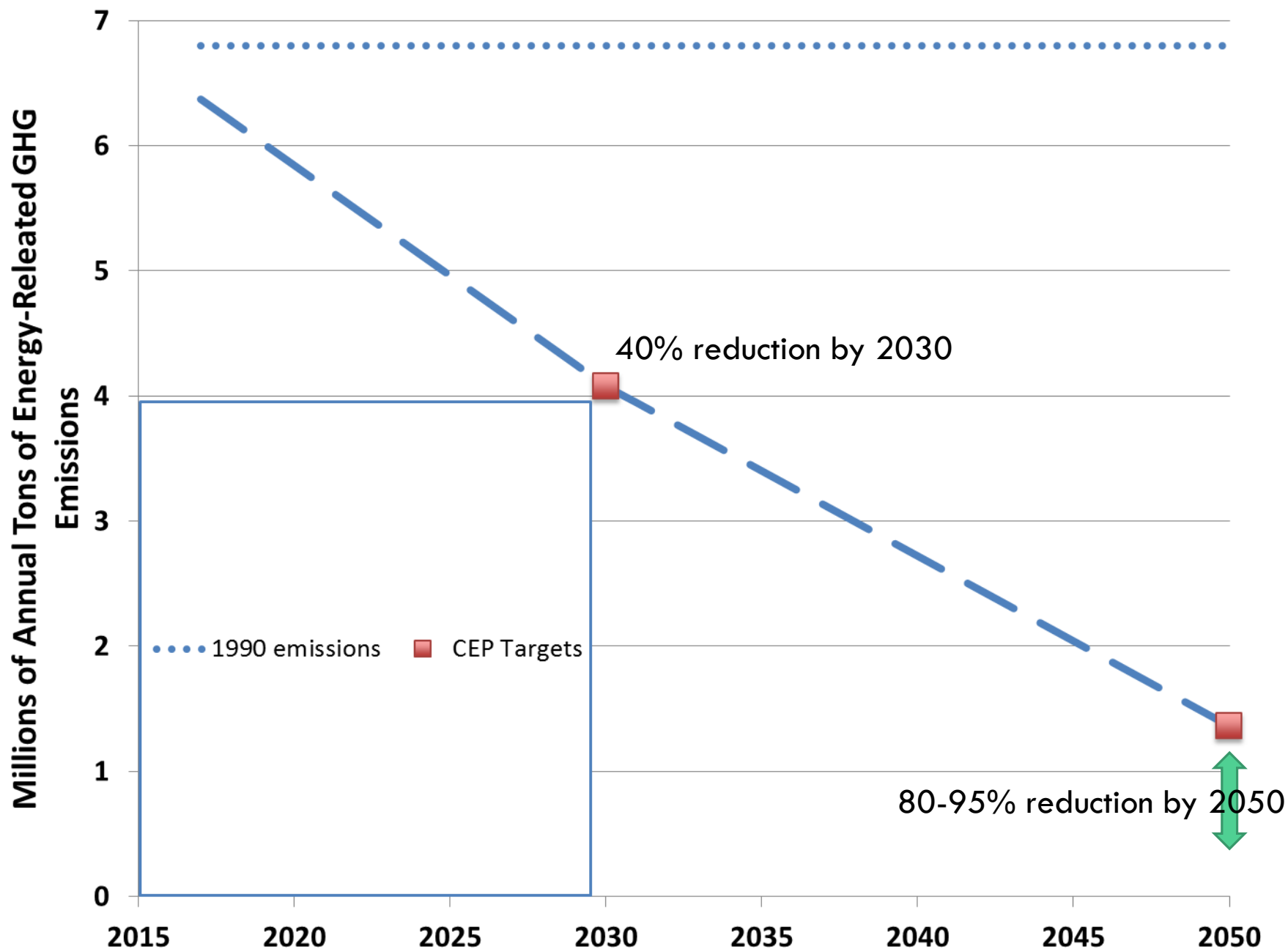
- Reduce per-capita energy consumption 15% by 2025, and 1/3 or more by 2050
- 25% renewable by 2025, 40% by 2035, and 90% by 2050

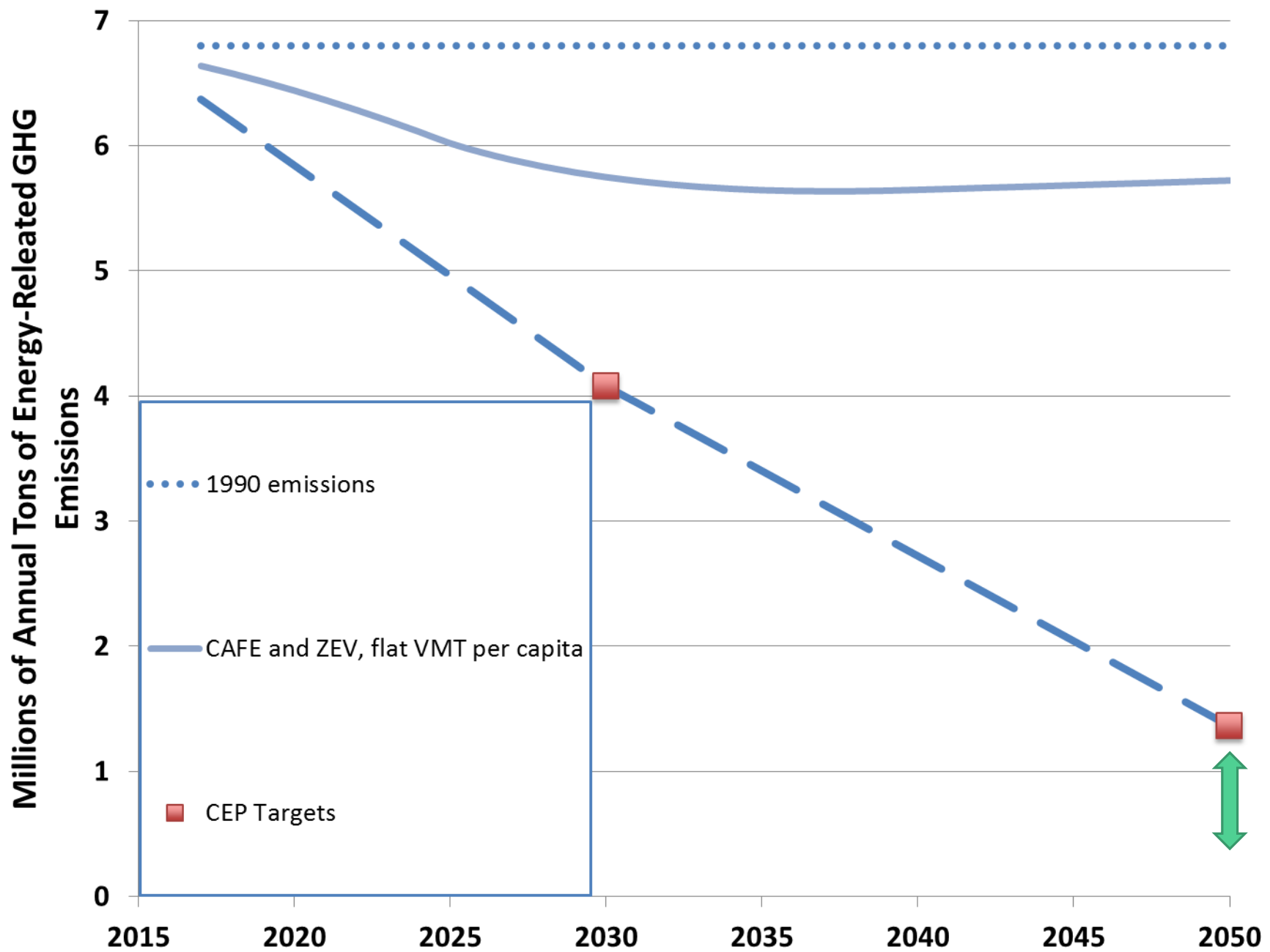
- GHG Goals:

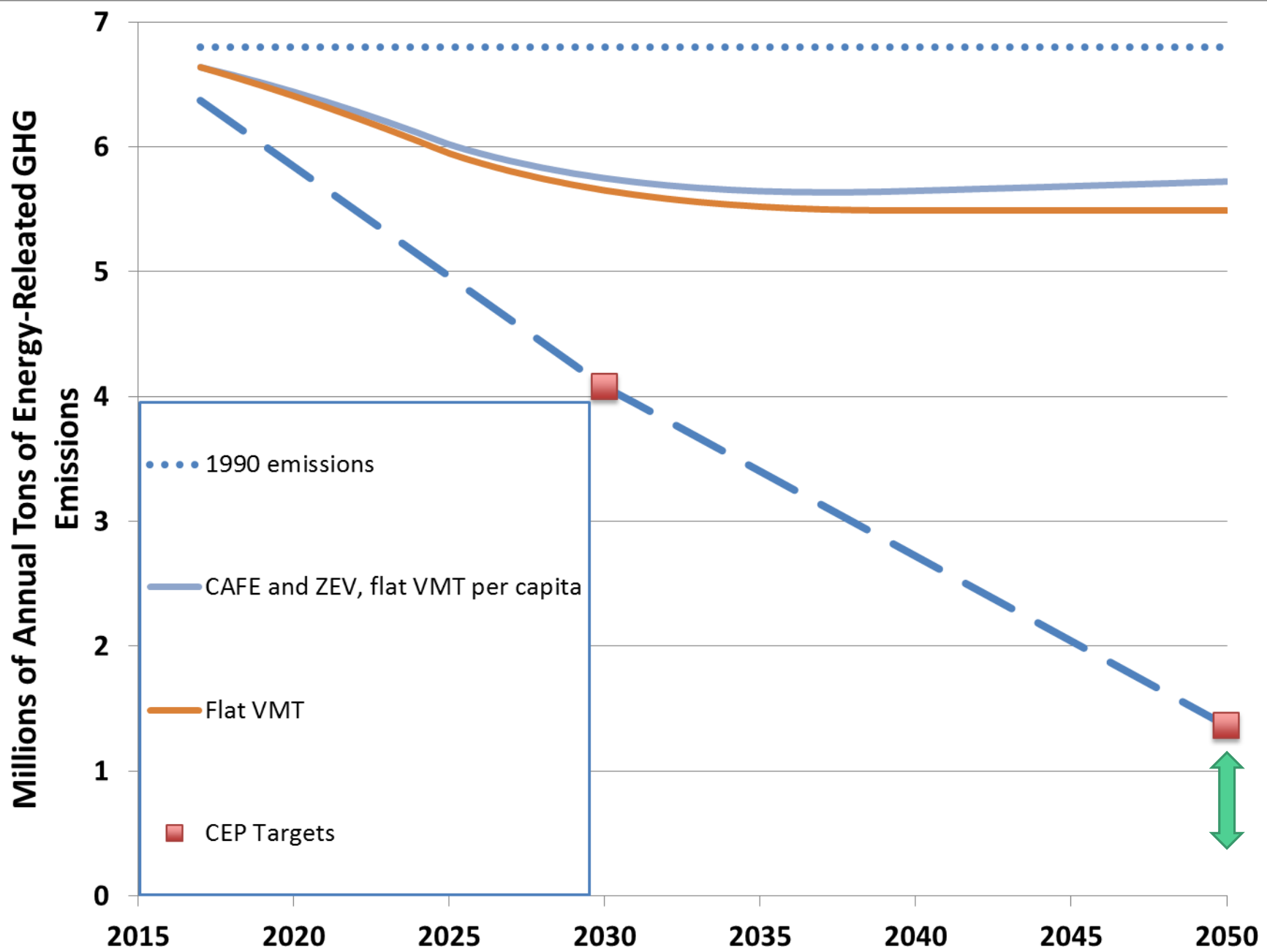
- 40% reduction by 2030
- 80-95% reduction by 2050

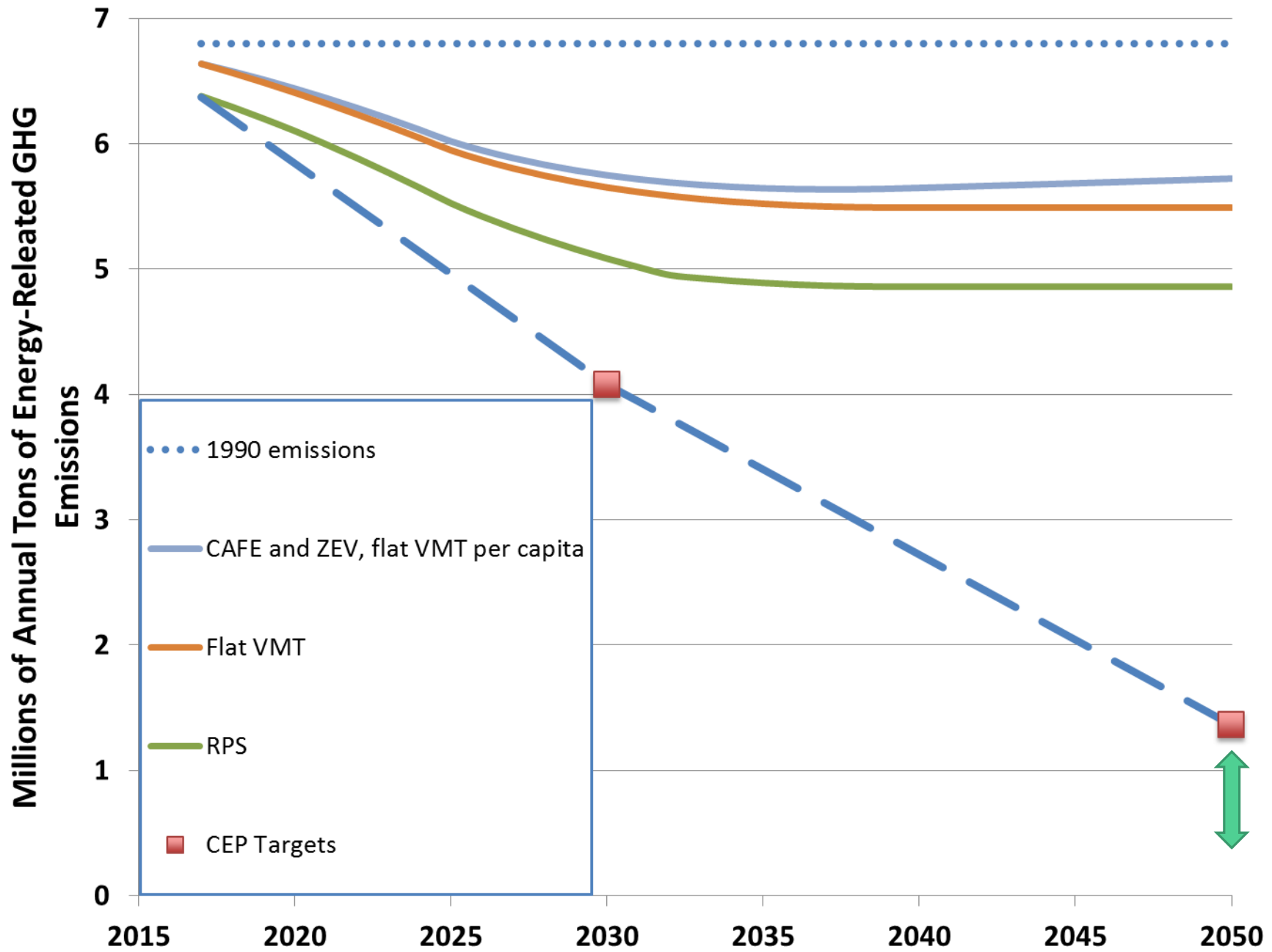
THREE-PRONG BASIC APPROACH

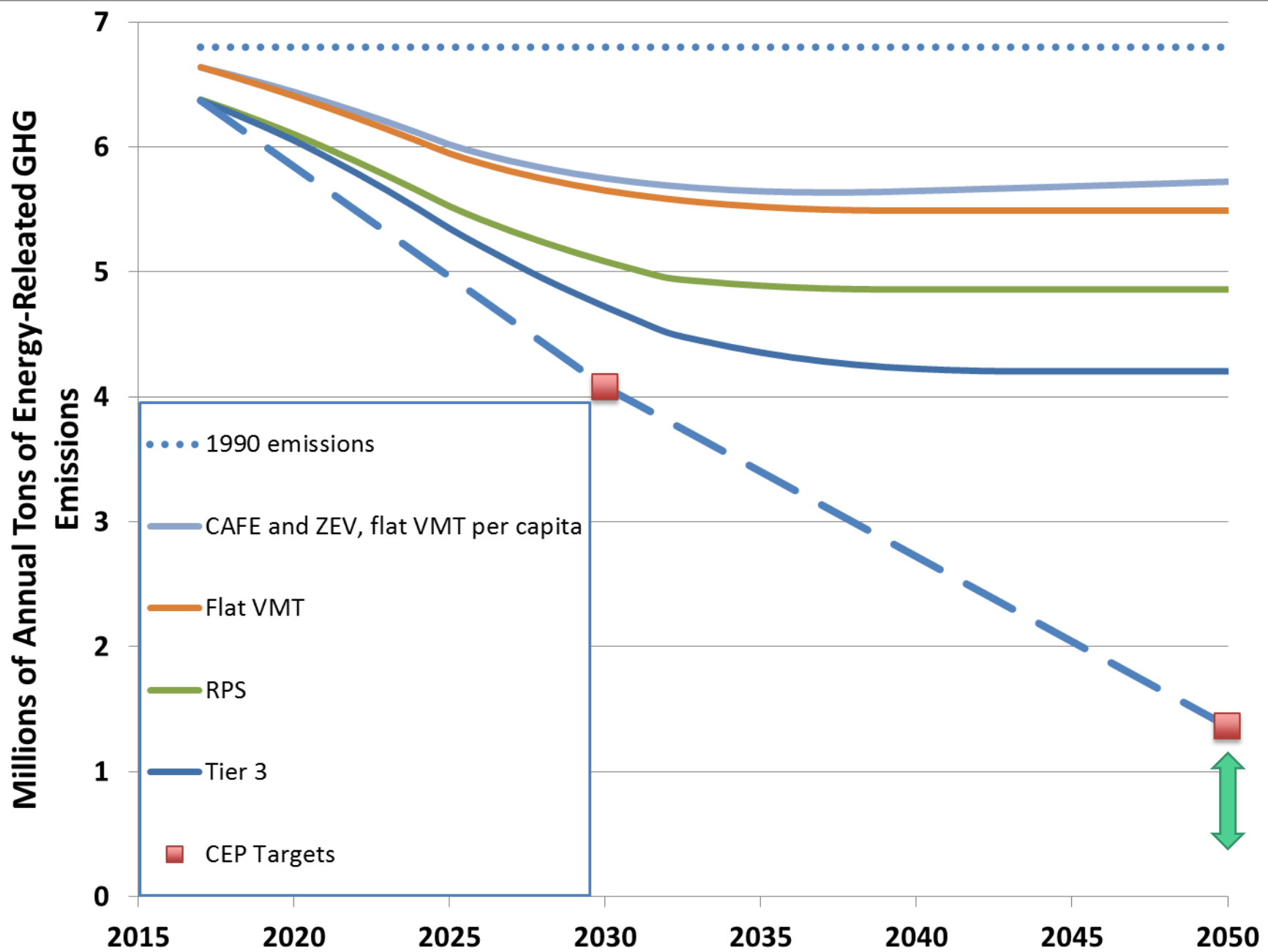
1. Efficiency efficiency efficiency
2. Strategic electrification
 - (and shift to local/sustainable biofuels)
3. Clean the electric supply portfolio

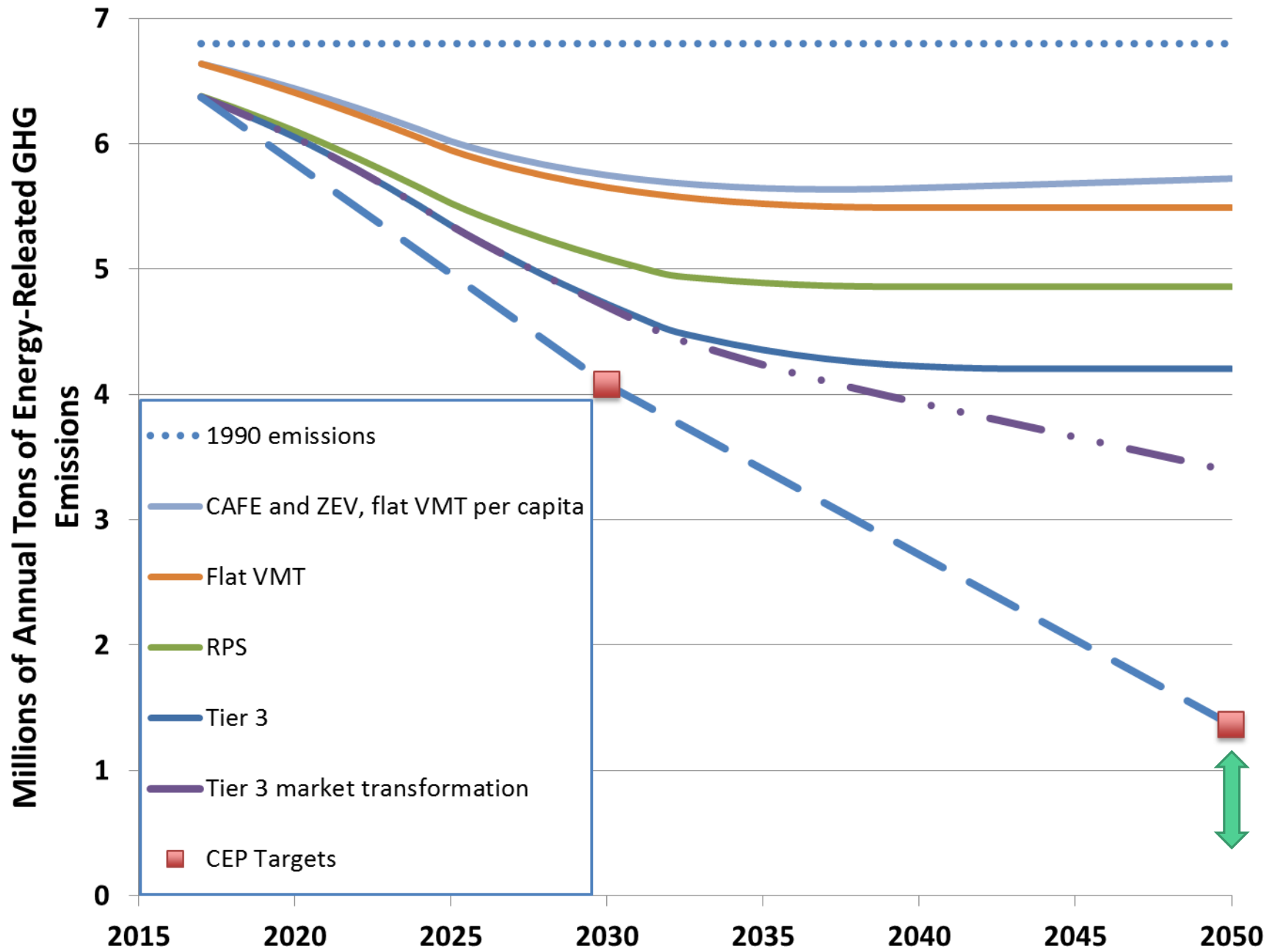








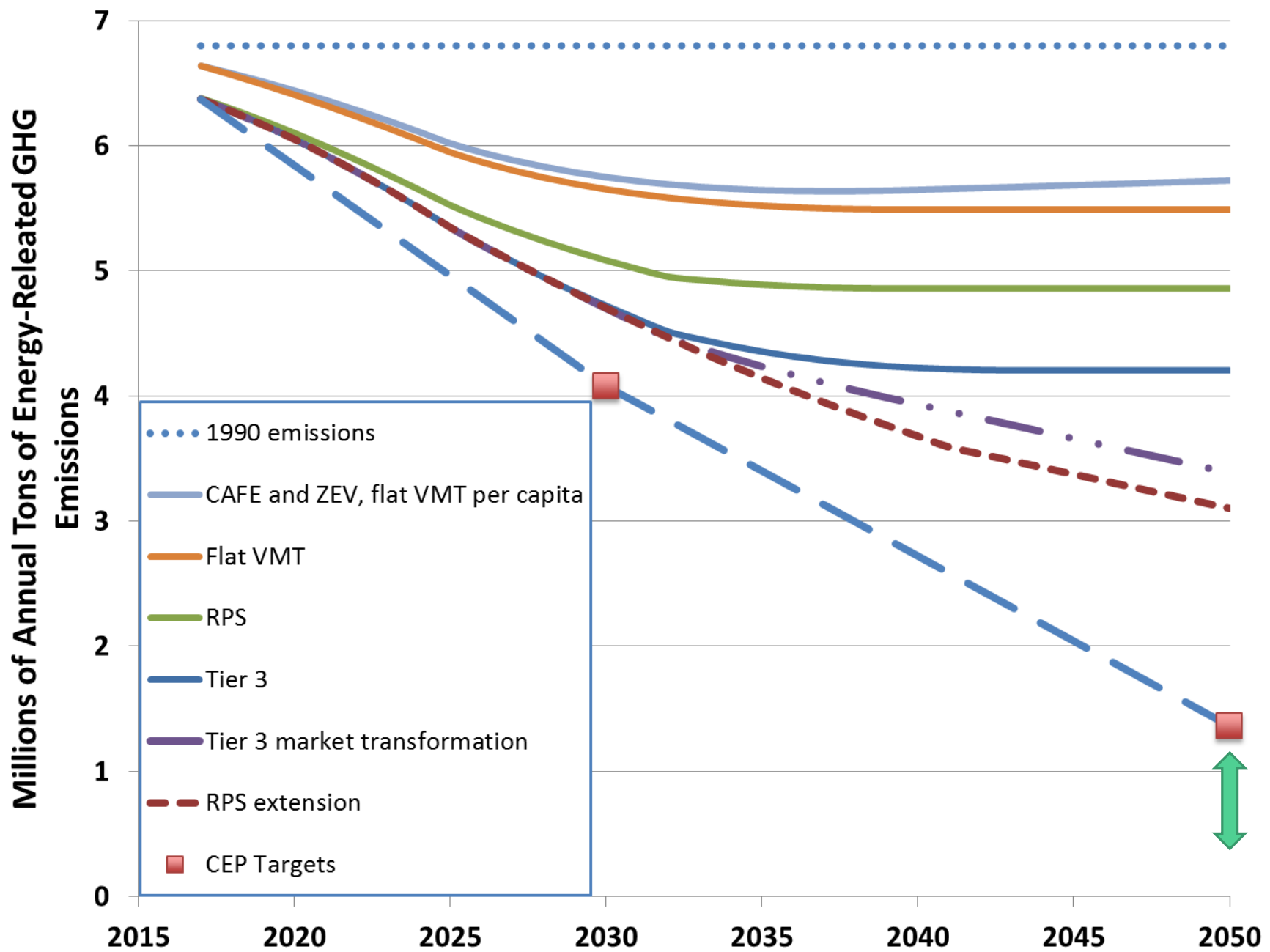


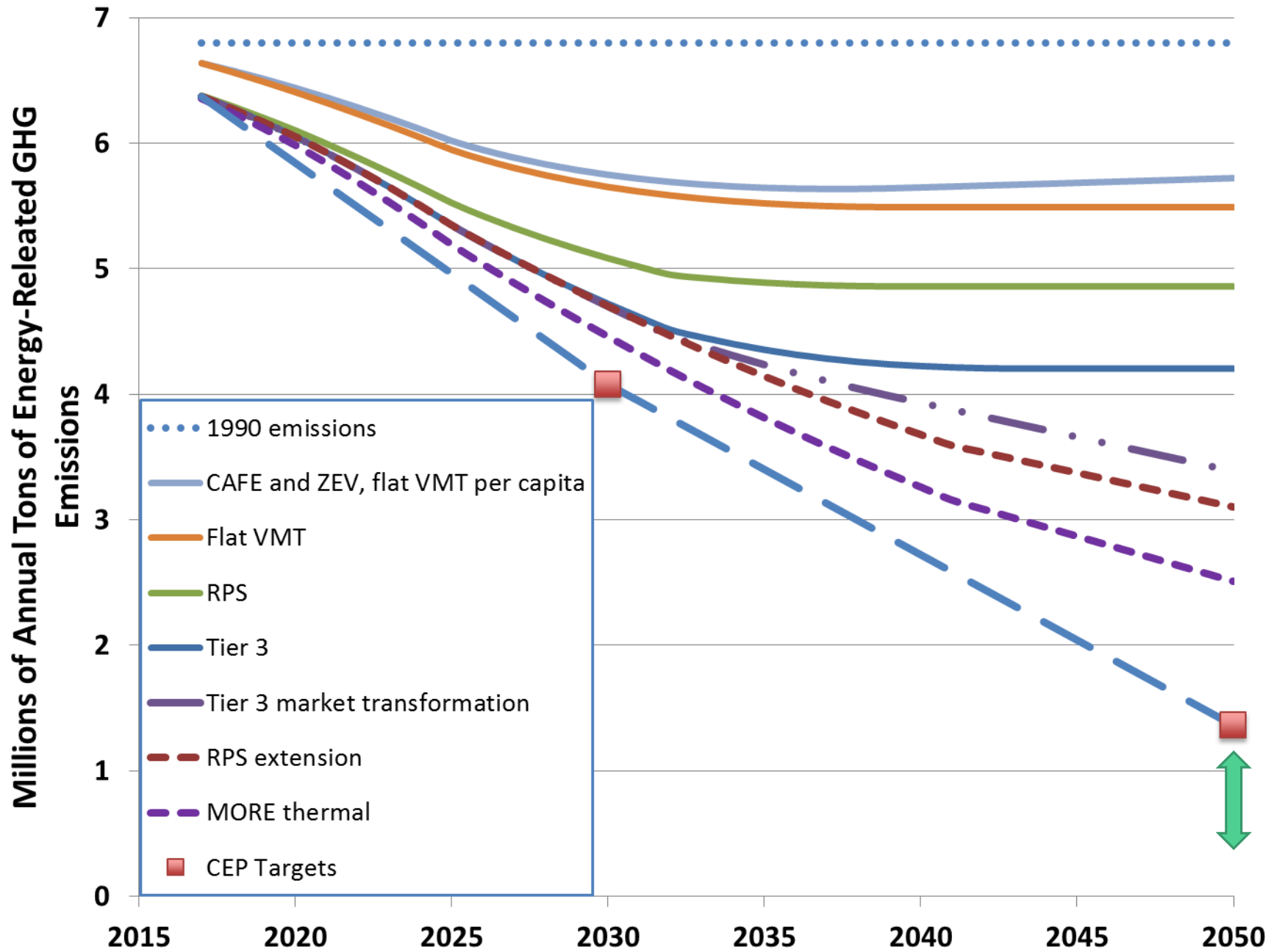


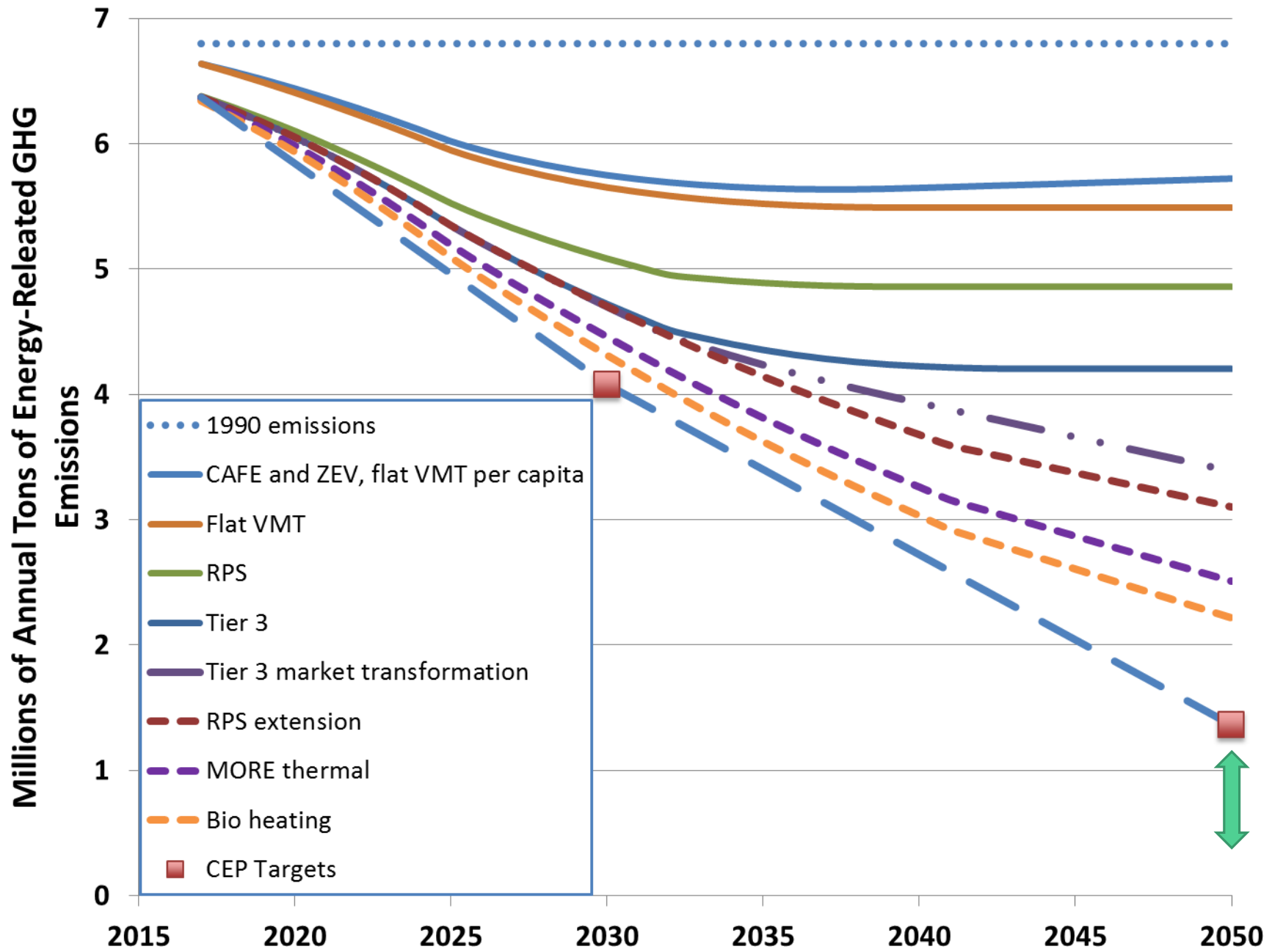
ENACTED POLICIES HAVE A REAL IMPACT

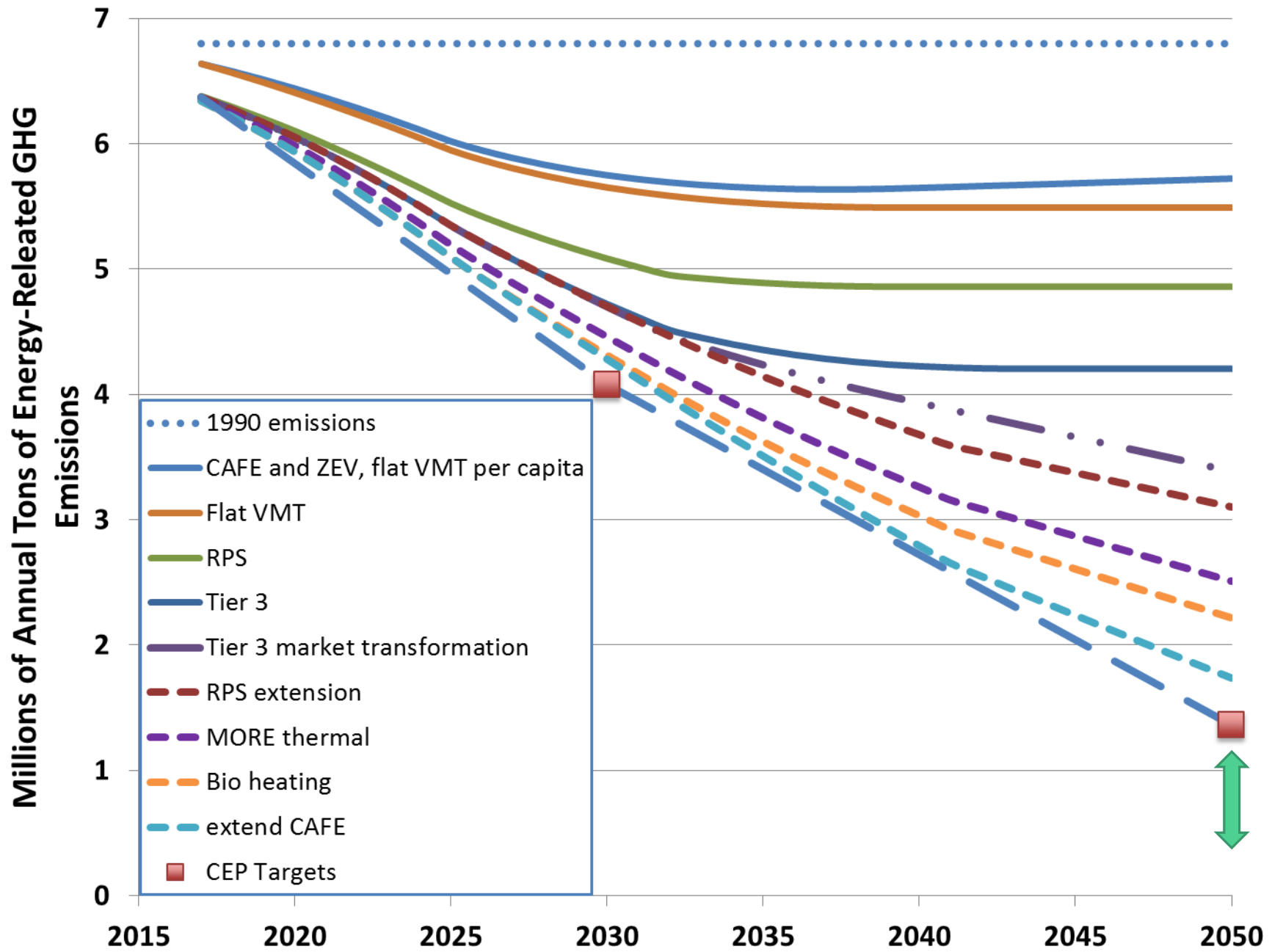
- 15% too high in 2030
- Almost halfway to 2050 from 1990

So now we say “what more”...









WHAT'S NOT IN HERE?

- Heavy duty transportation
- Electrifying faster
- Faster/deeper weatherization
- New tech (self-driving cars, etc.)
 - What would you have said about 2016 in 1982?
- Non-energy GHGs (waste, farming, forestry)

WE CAN GET CLOSE, AT LEAST

But it's going to take a lot of work

- State and Federal policies are both essential
- Policies need implementers on the ground to make them real

Thank you for the opportunity to do my part in VT the last 5 years. I look forward to cheering on continued progress.