

Austin Community Climate Plan

Steering Committee Meeting

December 3, 2014



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Agenda

1. Review report outline and discuss draft report
2. Waterfall diagrams
3. Review Steering Committee draft recommendations

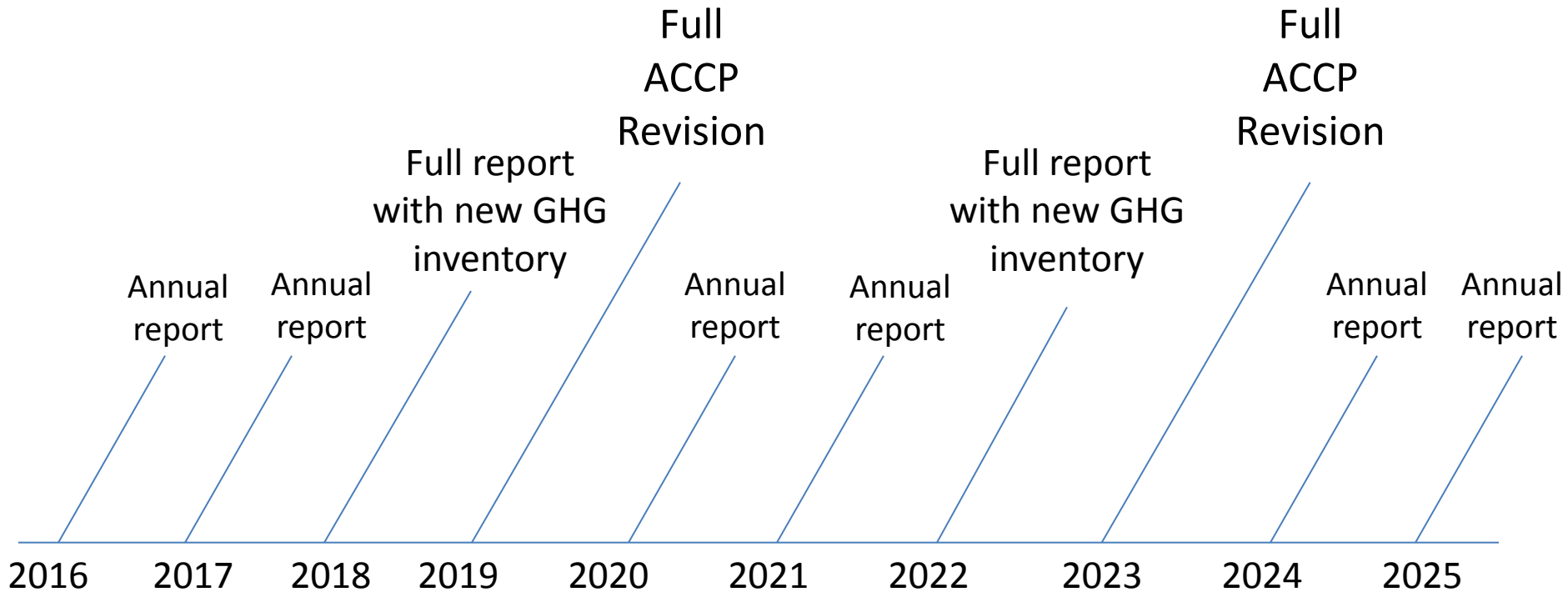
Report Outline and Draft Report

1. Are we missing anything?
2. Drafting and review of the report sections.
3. Timeline
 - First version review
 - Posting for public review
 - Final draft for Council presentation

Waterfall Diagrams

1. Discuss the purpose
2. Review the design layout
3. Next steps

Reporting and Revision Timeline



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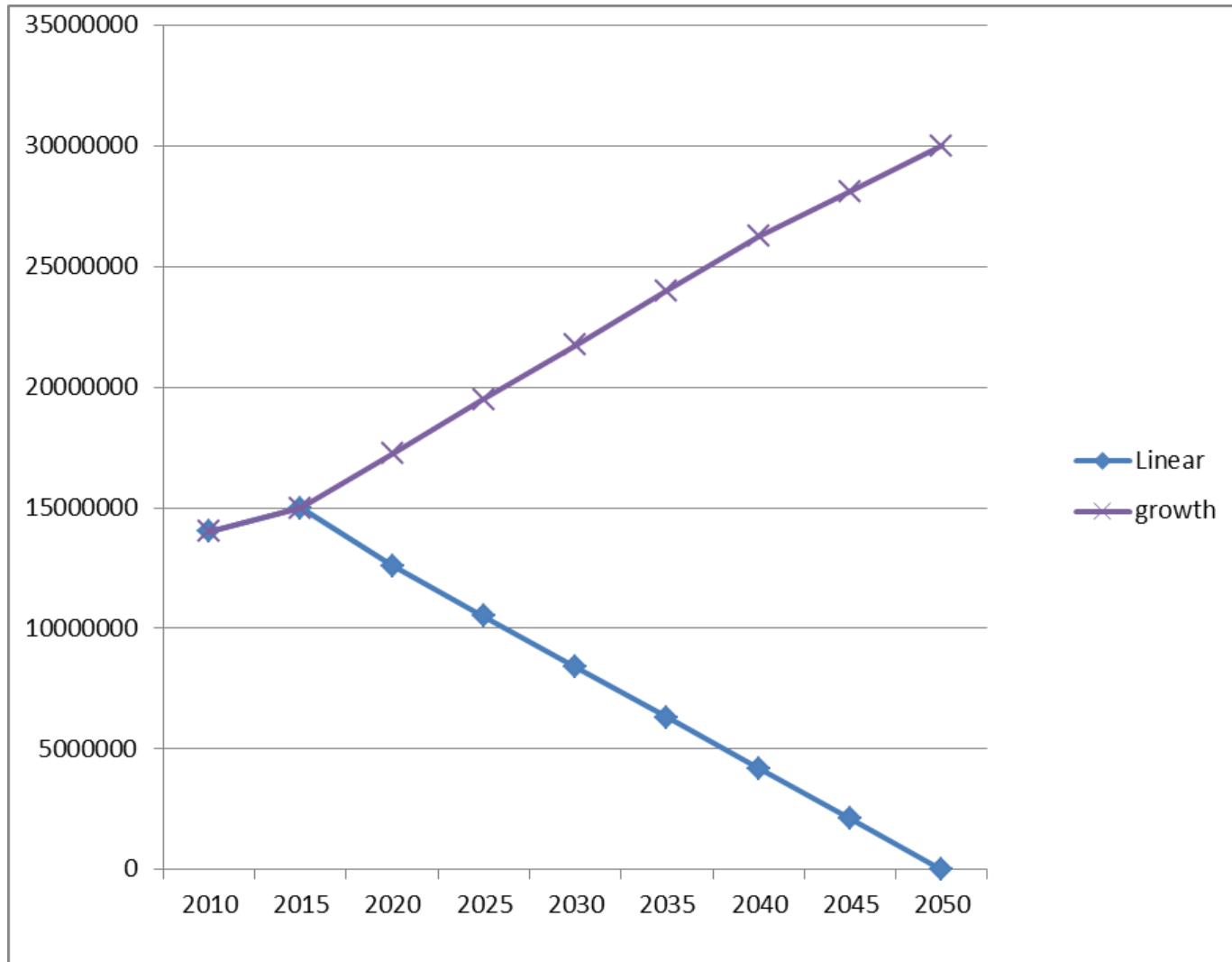
Mechanisms for Ongoing Focus

1. Recommendation will be to develop an Implementation Plan due in 1 year (early 2016)
2. Develop a carbon impact statement for all major City Council decisions
 - a. AE Plans
 - b. Departmental Strategic Plans
 - c. Capital Improvement Program
3. Create departmental community climate budget performance measures

Action versus Cost

- Balance the cost of action against the cost of doing nothing
- Prioritize actions in terms of emission reduction per cost
- Need to invest funds to reap savings
- Local reduction solutions maximize the local economy multiplier
- The cost of transportation, goods and food, energy, water, and waste all play a role in affordability
- At some point we are going to have to undertake programs that are not good for the economy in order to reduce GHG
- Is a carbon tax / dividend possible in a 1 county bubble?

Interim Targets



Interim Targets

Are we required to meet interim targets, and who enforces this?

If so, can offsets be used?

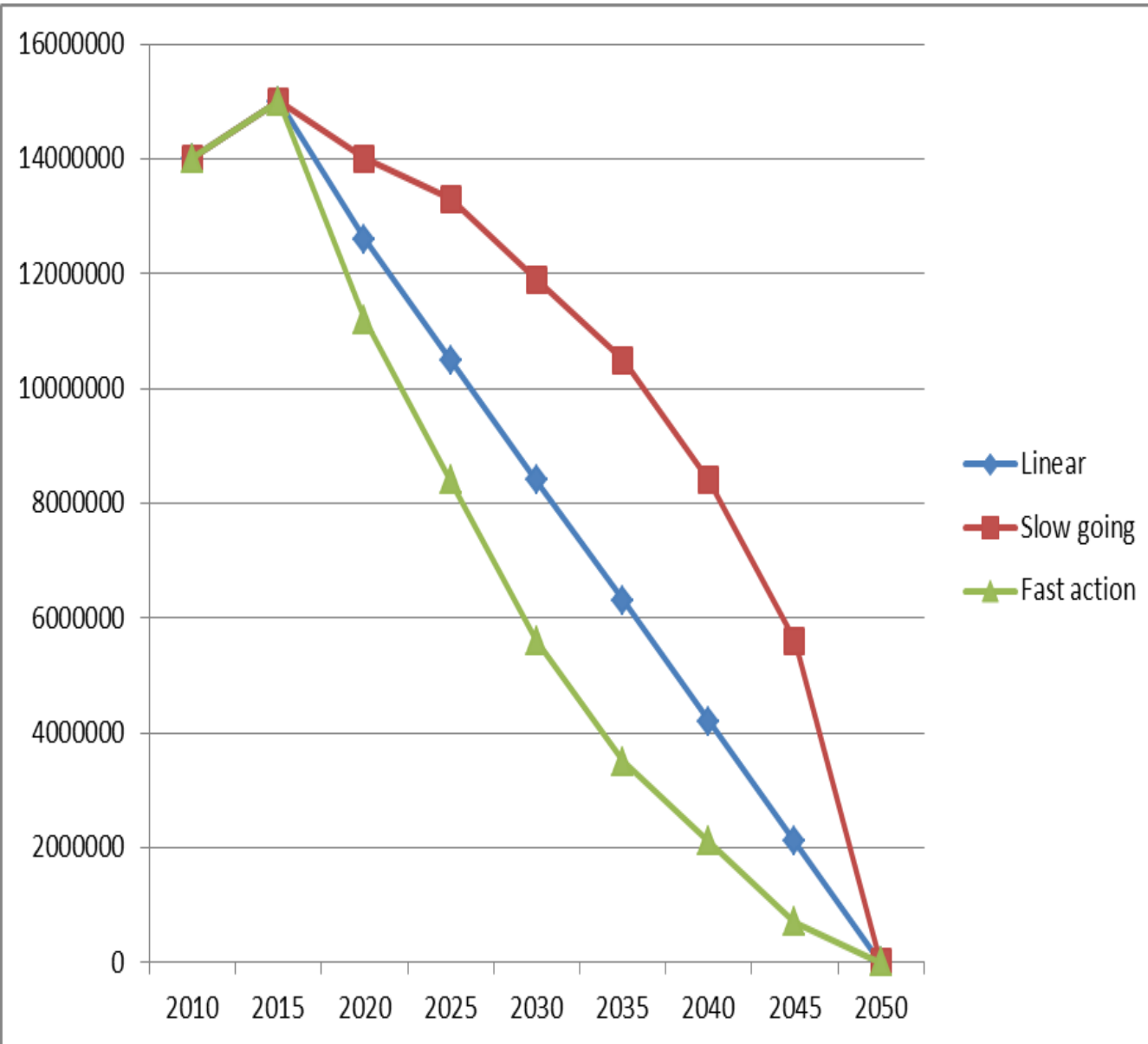
Who purchases offsets and from where?

Who pays and how are they accounted for?

Are all interim targets binding?

- Every 5 years
- Every 10 years
- Every 20 years

Interim Targets



Linear path

- 2020:
10% below 2010 =
12.6 million mt CO2e
- 2030:
40% below 2010 =
8.4 million mt CO2e
- 2040:
70% below 2010 =
4.2 million mt CO2e
- 2050:
100% reduction from
2010 = 0



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Definition of Net Zero

Reduce direct Travis County GHG emissions to at least 90% below 2010 levels by 2050.

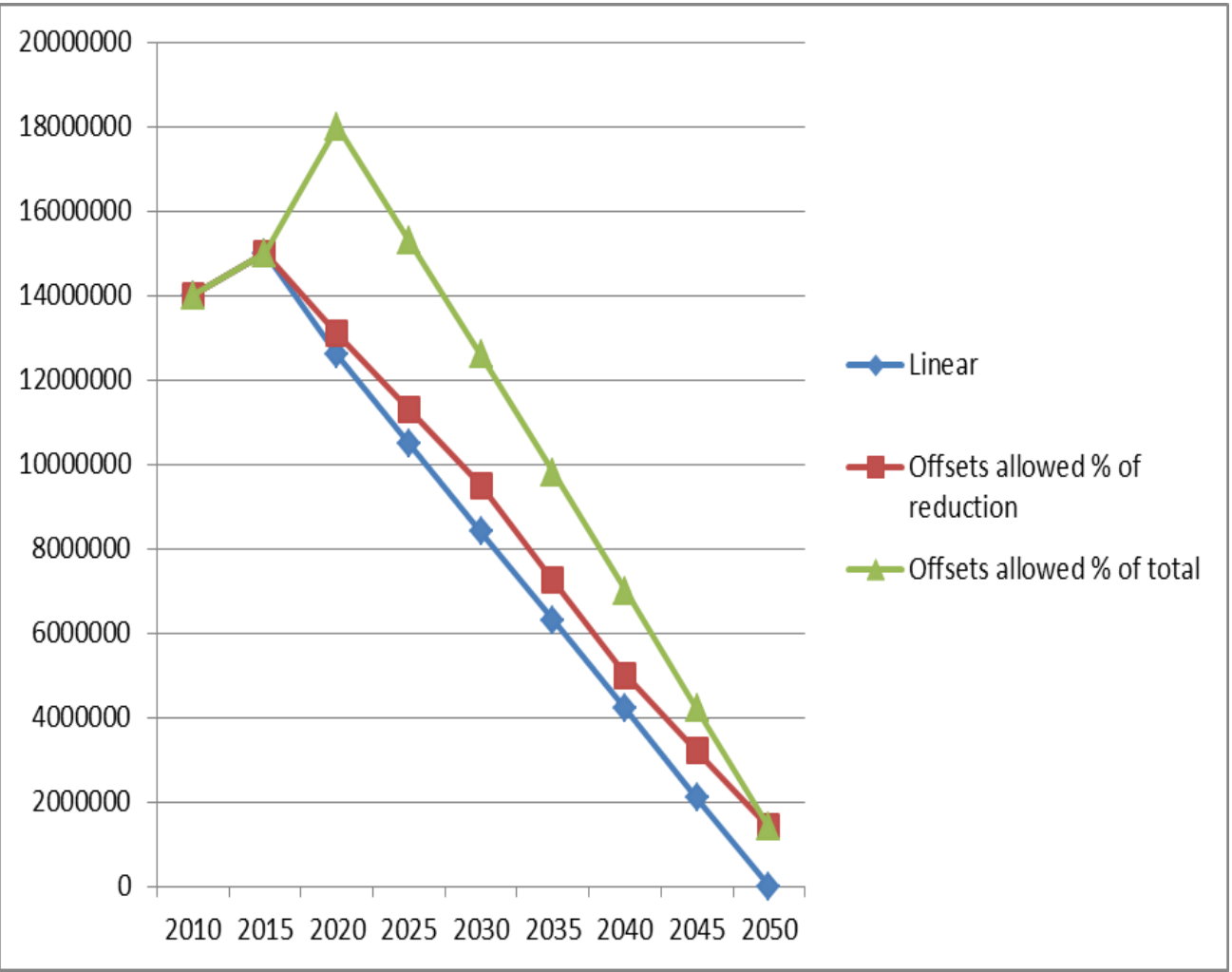
- Maximize local reductions
- Minimize offsets

Develop a local / regional offset / trading program

- Driving funding to local reductions
- Address verification and protocol issues
- Provide an outlet for industries that are challenging to reduce
- Potentially pair offsets with a multiplier (2-3 to 1)
- Potentially implement an allowable offset ramp between now and 2050 (40%, 30%, 20%, 10%)

Use of Offsets

Linear reduction pathway plus Actual Emissions while using offsets (2 approaches)



Blue line: straight-line reduction from 2015 (actual) to 2050 (zero).

Red line: requires real emissions be closer to the target and only a small amount of offsets are allowable.

Green line: allows real emissions to be much higher than the target and for offsets to make up a large part of meeting interim targets.

Next Steps

December 17th

- TAG Updates

January

- Draft Plan Review
- B&C and Community Presentations
- Community Survey Completion and Analysis

February

- Plan Finalization

More steering committee meetings?