



C&I Deep Energy Retrofit

WE ARE MASS SAVE®:



We look forward to hearing from you

Please put all your questions into the questions section with this icon.



Q&A



A vertical rectangular area on the left side of the slide, filled with a green-tinted photograph of a forest. The trees are tall and thin, with their branches and leaves creating a dense canopy. The word 'Agenda' is written in large, white, sans-serif font across the middle of this area.

Agenda

Defining the Offering

Goals, definitions, eligibility, and participant benefits

Process and Details

Decision points, technical support, commissioning, payments

Defining the Deep Energy Retrofit Offering

Target Outcomes



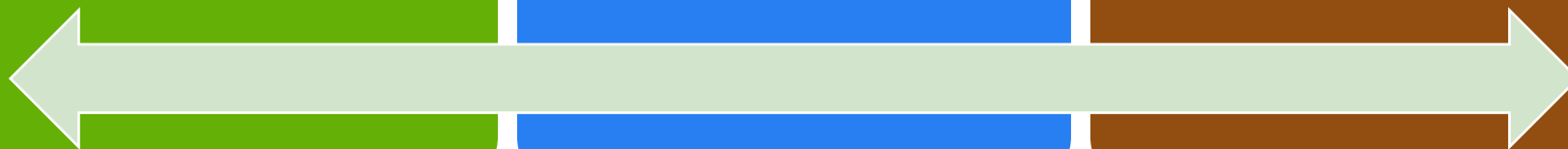
Strategic approach to energy efficiency and electrification



Continuous customer engagement



Substantial decrease in customer energy usage and GHG emissions



Defining Deep Energy Retrofit (DER)



Definition

Reduce annual GHG (CO₂) emissions **by at least 40%** at an individual building

Reduction is relative to existing conditions

Renewables are not included



Project Requirements

Partial or full **space heating electrification**

Weatherization and/or ventilation improvements



Building Eligibility

Have commercial meter(s)

Be occupied for at least 1-year prior to DER engagement

Have no plans to change space use

DER as an Independent Layer

		Baseline	Savings Estimates	Technical and Planning Support	Incentives	Verification
DER	Existing Building Consumption		DER study specifying existing, "ISP", and EE consumption by measure	One on one customer planning session. Plan includes commissioning considerations prior to work starting.	DER milestone payments issued when 25% and 40% reduction achieved	3 rd party commissioning may be required. Verification required prior to payment.
	Standard Offerings	Measure dependent, may be ISP or Code	Varies from not eligible, prescriptive, or custom. May not be interactive or comprehensive.	Large customers may have MOU/SEMP. Some customers have managed account. Often no ongoing planning or support.	Incentives paid as measures are installed.	Standard program verification and post inspections.

Participant Benefits



Drastic
Decarbonization



Financial Benefits



Other Benefits

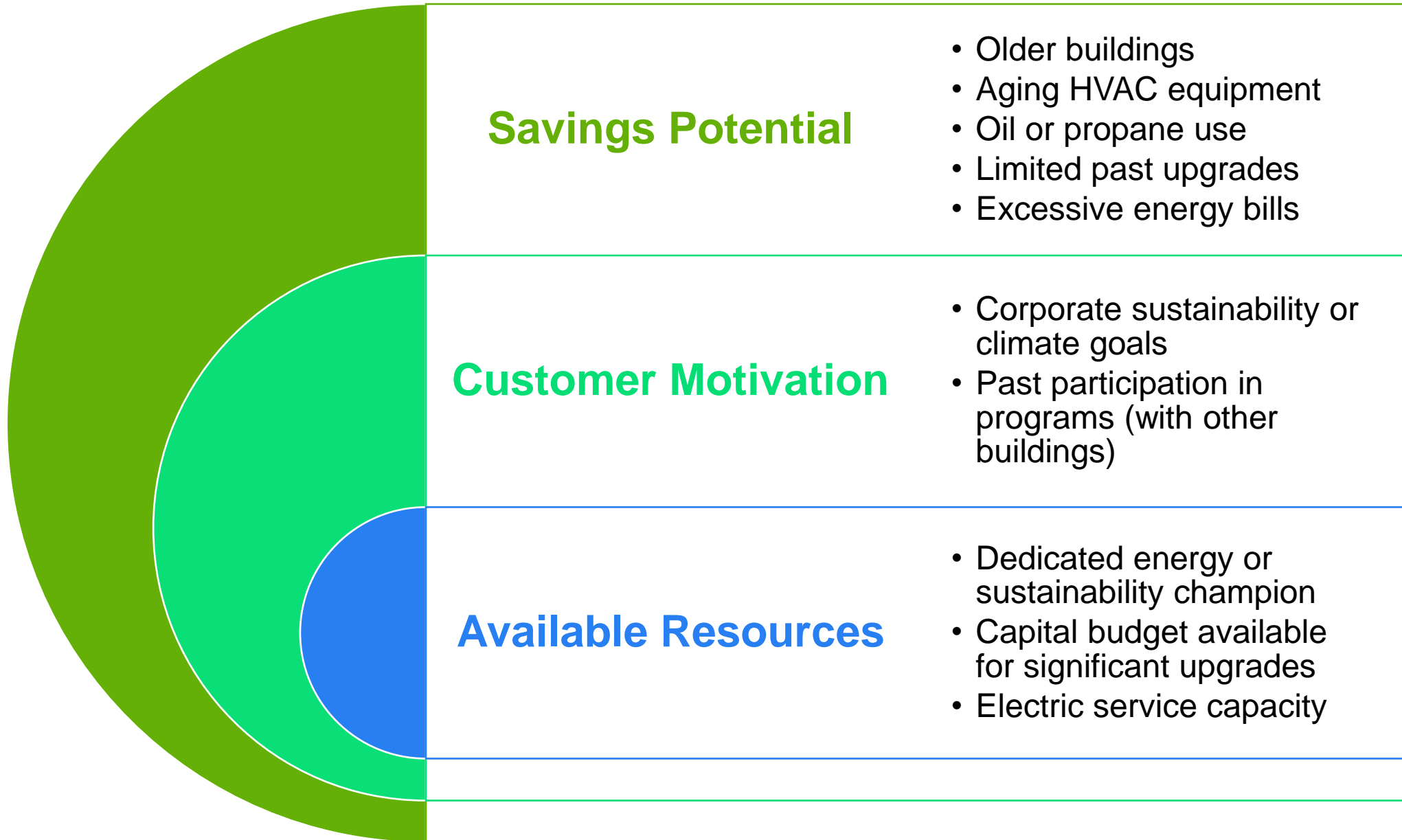
Other Funding

Inflation Reduction Act

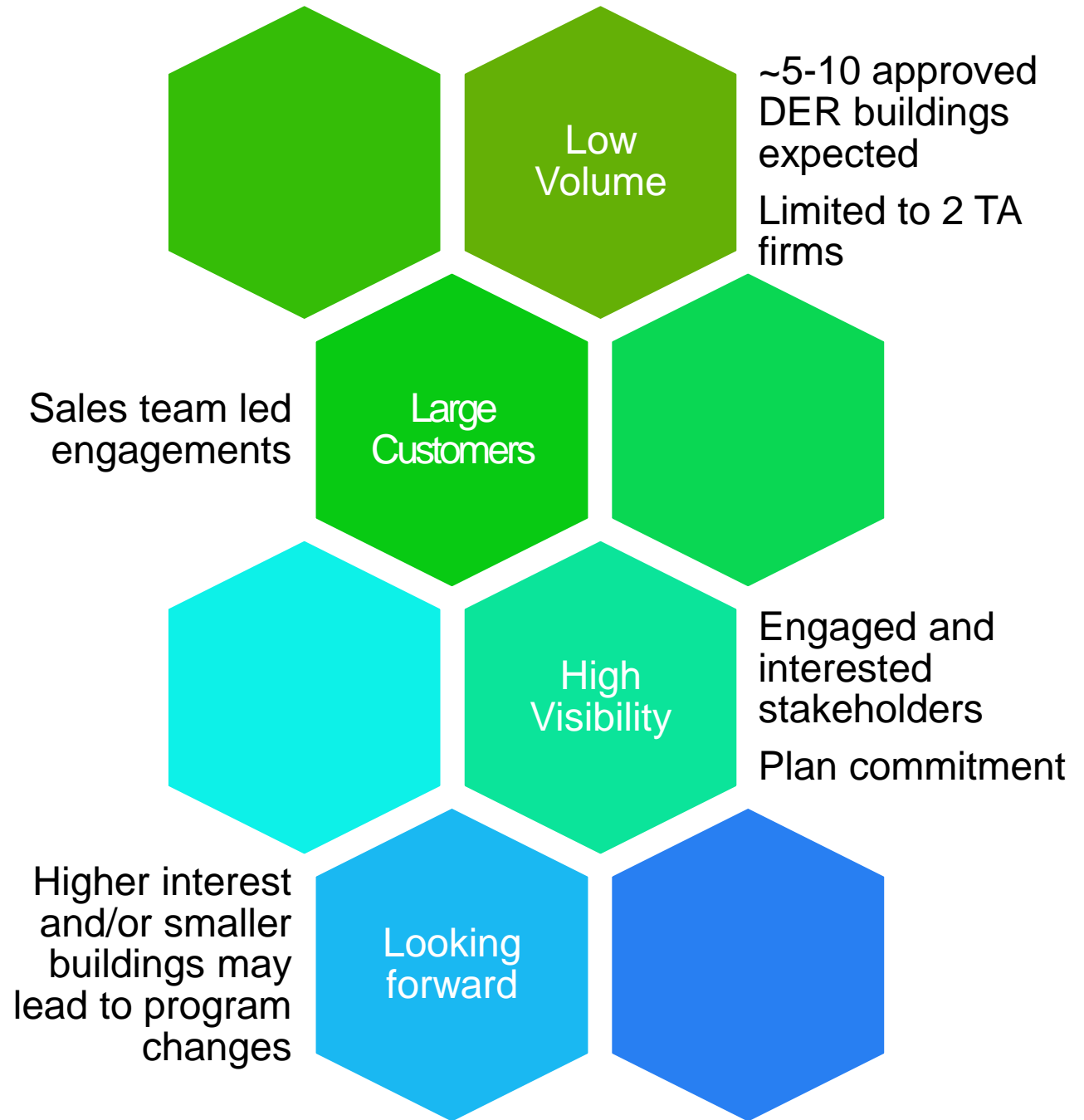
- Commercial Buildings Energy Efficiency Tax Deduction
- IRA added new pathway for existing buildings
- Requires 25%-50% energy reduction
- Performance based (EUI reduction)
- Tax deduction of \$0.50 to \$5 per sqft depending on the amount of energy savings



Identifying Feasible DER Buildings



DER Scale and Reach



Process and Details

Deep Energy Retrofit Process



Phase I – Preliminary Interest



Phase II – Feasibility Assessment

1-2 Months



Phase III – Detailed Assessment

4-5 Months



Phase IV – DER Term

3 years (in conjunction with Phase V)



Phase V – DER Qualification

3 years (in conjunction with Phase IV)

Preliminary Project Scope

Building Consumption Insights

Electrification Options

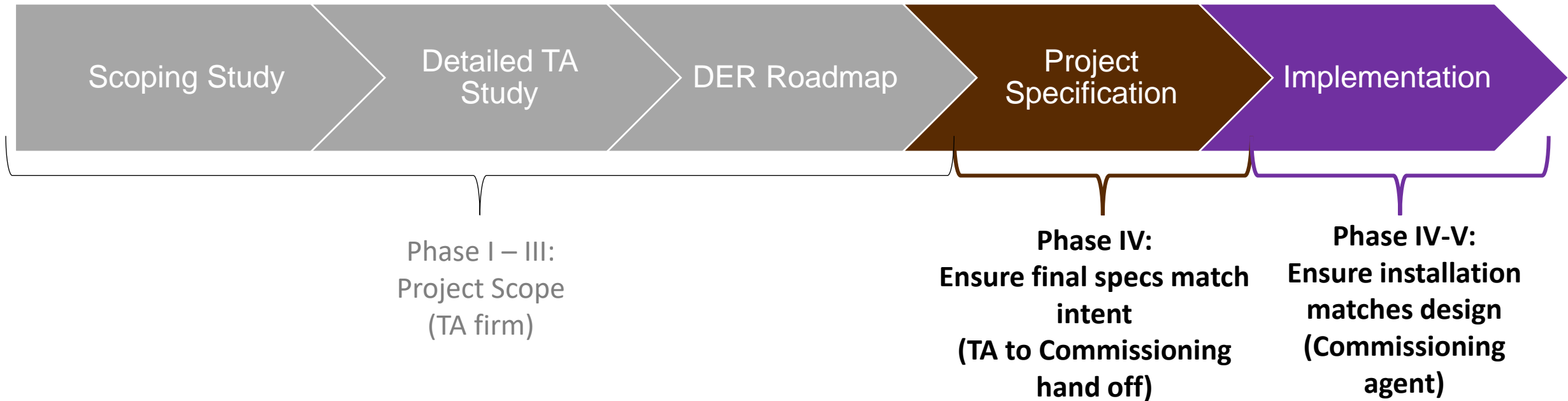
Energy Efficiency Options

Rough Estimate of Cost and Savings

Final Project Scope



Third Party Commissioning



DER Check Points

Continuous Engagement

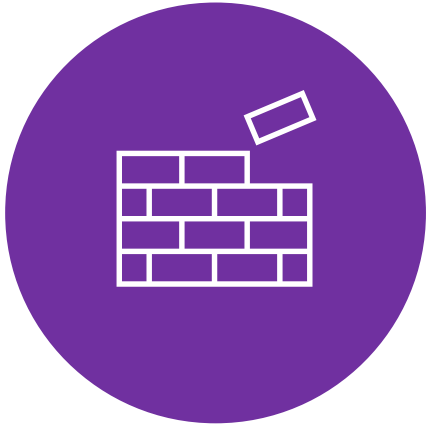
Bi-annual (or more) DER Check Points

Chance to update DER progress

Identify challenges and next steps

Opportunity to identify milestone achievements

Progress and Achievement



Quantifying Progress

GHG reductions established in Phase III



DER Qualification

GHG reductions credited to project after DER required verification



Changes within the DER Term

GHG estimates will not change without significant changes to project scope

Resources and Materials

Mass Save Website

- Landing page with offering overview
- One pager leave behind
- DER Guidebook

DER Guidebook

- Comprehensive overview and detail for process and participation
- Eligibility criteria
- Participation benefits

Questions?

WE ARE MASS SAVE®:





Thanks for listening.

Reach out to your Mass Save Sponsor for more information

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