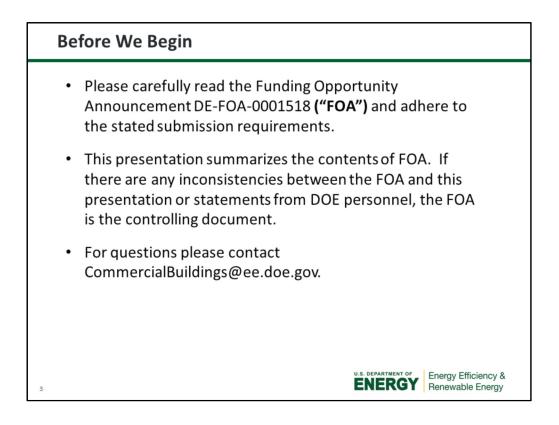


Good morning. Thanks for joining us today, this is a webinar to review the content of FOA 1518, or Funding Opportunity Announcement 1518, titled Scaling Up the Next Generation of Building Efficiency Packages.

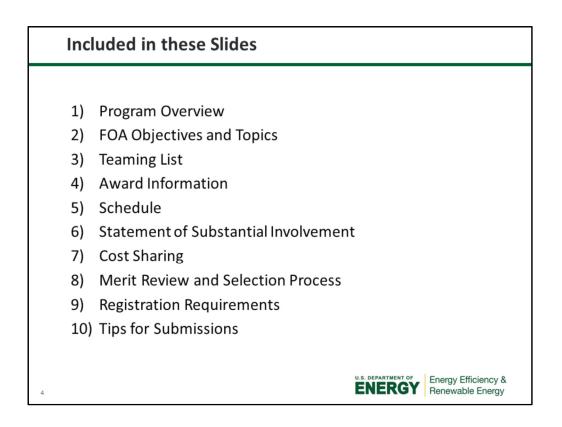
FOA Issue Date:	10/19/2016
FOA Informational Webinar:	11/02/2016
Submission Deadline for Concept Papers:	11/21/2016 5:00pm ET
Submission Deadline for Full Applications:	02/21/2017 5:00pm ET
Expected Submission Deadline for Replies to Reviewer Comments:	03/29/2017 5:00pm ET
Expected Date for EERE Selection Notifications:	May 2017
Expected Timeframe for Award Negotiations:	June 2017

This slide shows the anticipated schedule for the FOA. The FOA has already been posted, and we are conducting the FOA Informational Webinar now. Please note that there are a few requirements that we will go over in the presentation that are different than in past FOAs, such as Replies to Reviewer Comments – we will cover all requirements for this FOA later in the presentation.

Regarding the submission deadlines in this slide, note that Exchange tends to get bogged down on the evening of submission deadlines, so please make sure to submit ahead of time if you can, don't procrastinate. It's better for everyone if you try to do all of this ahead of time. Regarding logistics, we are not going to be answering questions live through the chat. Please submit all questions to the FOA email box: CommercialBuildings@ee.doe.gov. All questions will be posted on the Exchange website so you can see other people's questions as well. Please check there to see if your questions has already been asked.



The FOA is a fairly long document, please make sure to read it, do not skip over any details. This is the way we communicate the submission requirements to you so that you can progress through the different stages successfully. If any of the information in this presentation conflicts with the FOA, please let us know by emailing us at CommercialBuildings@ee.doe.gov. READ SLIDE



The agenda for this presentation is as follows: READ SLIDE

We encourage you to have a copy of the FOA in front of you for reference as we go through the presentation.

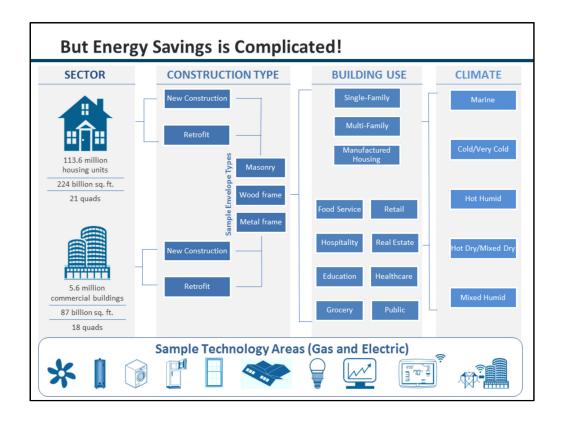
Commercial Buildings Represent Significant Opportunity

- \$410 billion/year
- 75% of the nation's electricity
- Contributes 40% of greenhouse gas emissions



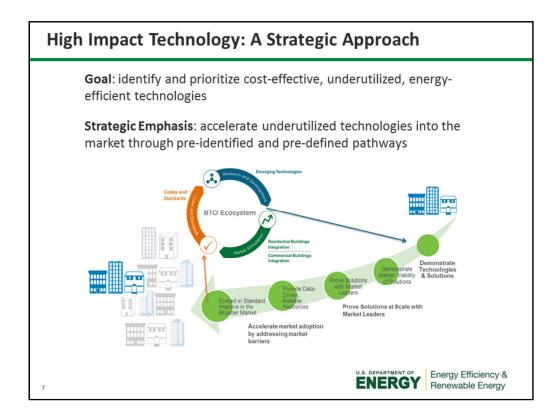
Building efficiency products represent \$60 billion in U.S. revenue; up 43% over the last 4 years.

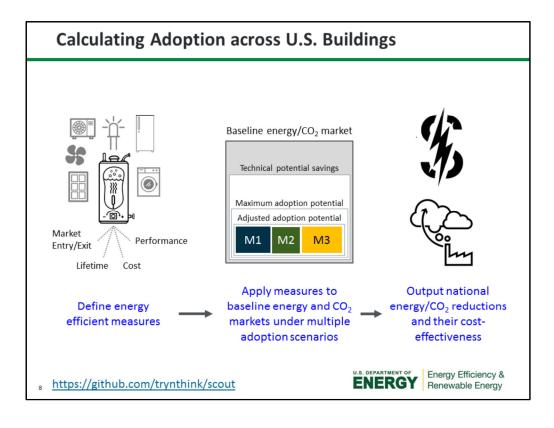


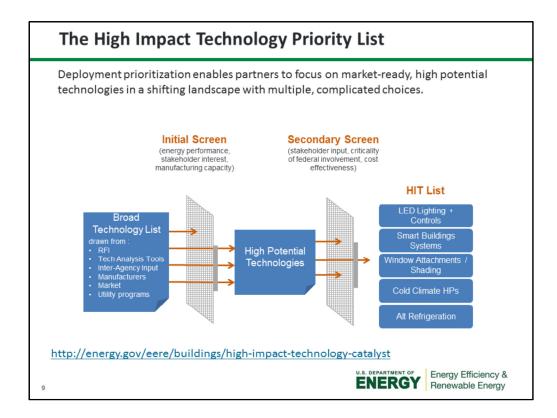


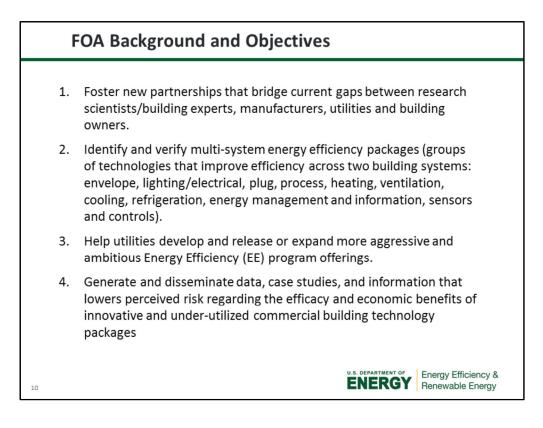
- Buildings have many different aspects that complicate their energy usage for example, a
 residential building will have a different set of needs than a commercial building. Similarly,
 buildings can either be New Construction or Retrofit, made of different building envelope
 materials.
- Usage of these buildings varies greatly the requirements for an air-conditioning system will be very different between a single-family home, a grocery store, and an office building.
- And the energy needs are further differentiated by location a school in Alaska will have very different air-conditioning requirements than a school in Arizona or Oregon.

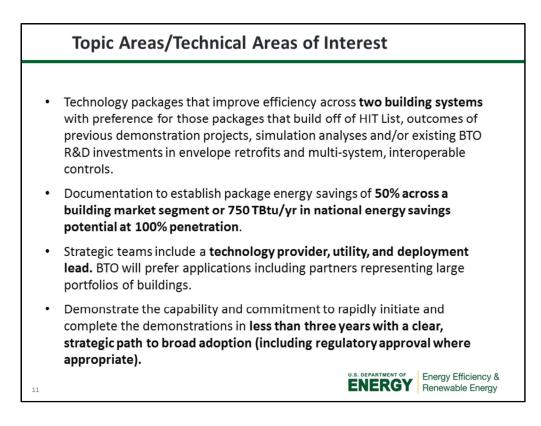
RECS: http://www.eia.gov/consumption/residential/data/2009/index.cfm#undefined CBECS: http://www.eia.gov/consumption/commercial/

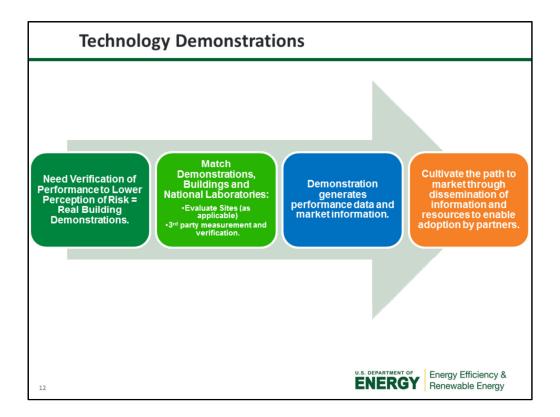


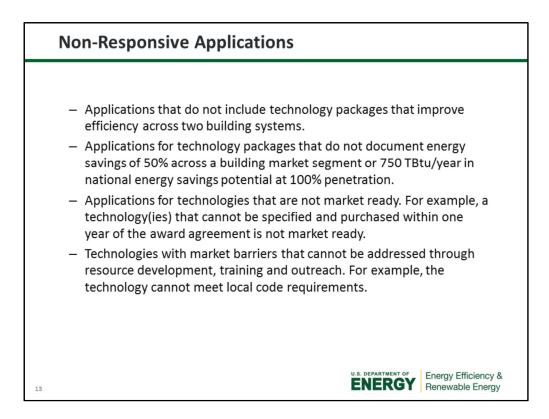












Non-Responsive Applications

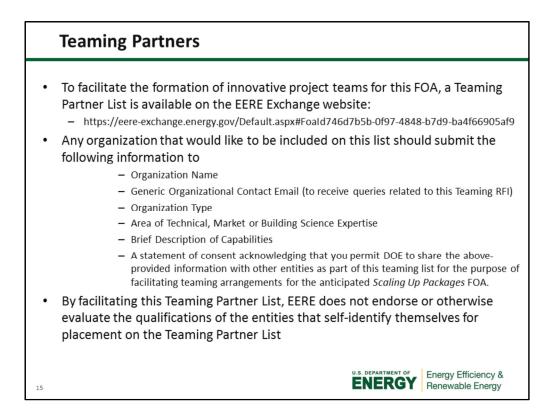
The following types of applications will be deemed nonresponsive and will not be reviewed or considered for an award:

- Applications that fall outside the technical parameters specified in Section I.B of the FOA, including but not limited to:
 - Applications for proposed technologies that are not based on sound scientific principles (e.g., violates the law of thermodynamics).

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To facilitate the formation of new project teams for this FOA, a Teaming Partner List is available on the Exchange website.

The Teaming Partner List will be updated periodically, to reflect new Teaming Partners who have provided their information.

Any organization that would like to be included on this list should submit the information shown on this slide to the email address provided.

By submitting this information, you consent to the publication of the above-referenced information

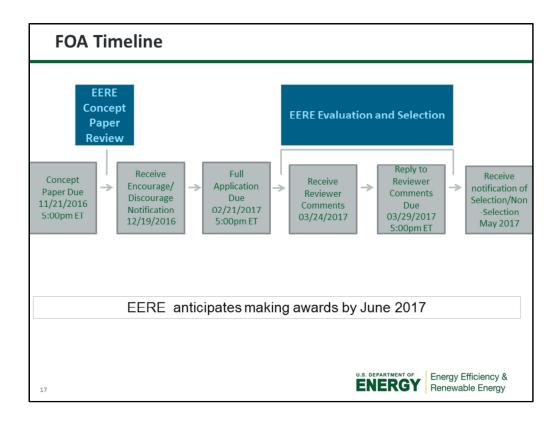
By facilitating this Teaming Partner List, EERE does not endorse or otherwise evaluate the qualifications of the entities that self-identify themselves for placement on the Teaming Partner List.

EERE will not pay for the provision of any information, nor will it compensate any respondents for the development of such information.

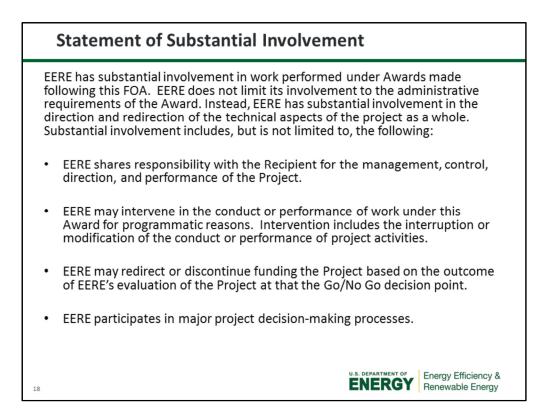
Total Amount to be Awarded (DOE only)	\$6.5 million*
Average Award Amount (Federal share only)	EERE anticipates making awards that range from \$250K to \$700K
Types of Funding Agreements	Cooperative Agreements, Grants, Technology Investment Agreements, Work Authorizations, and Interagency Agreements
Period of Performance	Up to 36 months
Cost Share Requirement	50% of Total Project Costs

EERE expects to make approximately \$6.5 million of Federal funding available for new awards under this FOA subject to the availability of appropriated funds. The average award amount is anticipated to range from \$250K to \$1 million

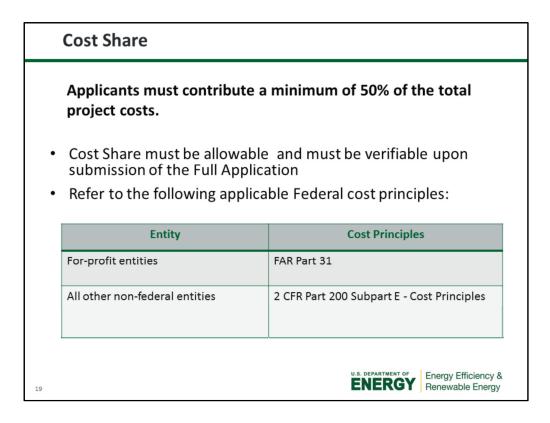
EERE intends to fund mostly cooperative agreements under this FOA, but may also fund Grants, TIAs, Work Authorizations, and Interagency Agreements. Cooperative Agreements include Substantial Involvement, which we will discuss next.

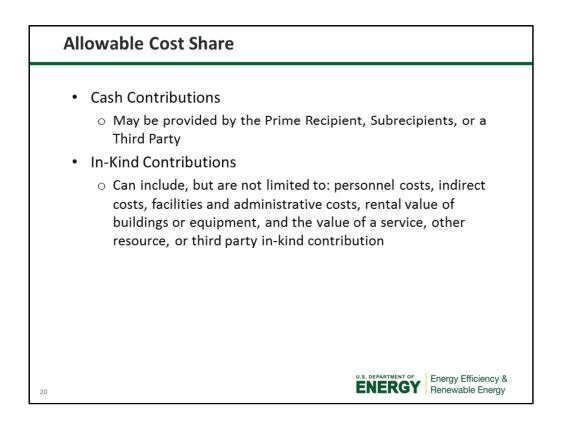


EERE's Evaluation and Selection Process is shown in blue here. EERE will review Concept Papers, Replies to Reviewer Comments (which we will cover later in the presentation), and Full Applications. The gray boxes represent the actions that apply to applicants throughout the FOA process.



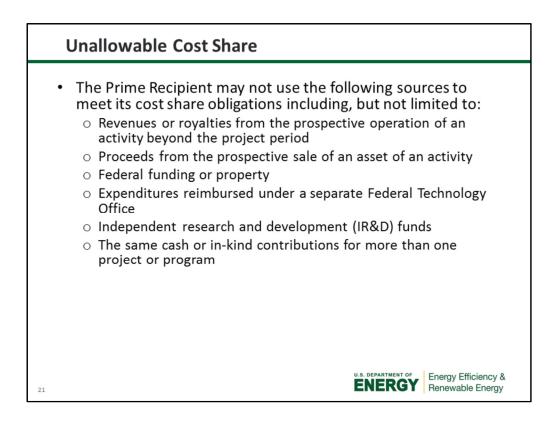
- Under cooperative agreements, there will be what is known as "substantial involvement" between EERE and the Recipient during the performance of the project.
- READ SLIDE



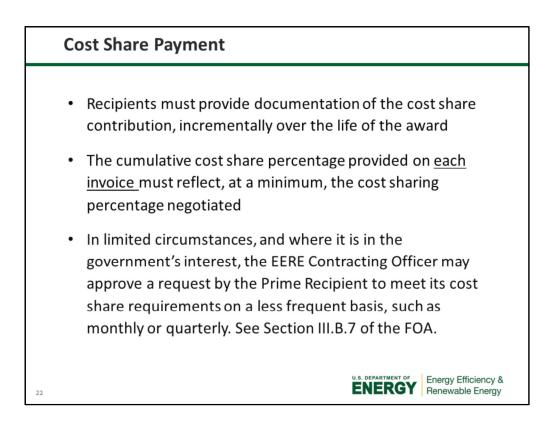


Cost share can provided in cash and/or in-kind. It can be provided by the Prime Recipient, subs, or a third party.

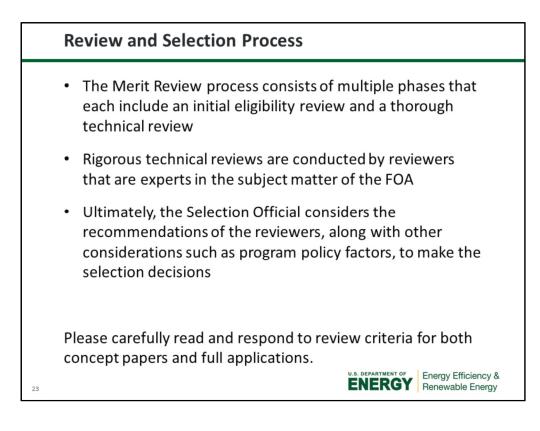
The basic definition of in-kind cost share is the donation of personnel time, equipment, facilities, or other items that an organization will contribute to the project. It can take many forms, each of which must be assigned a dollar value to be included in the budget. Some examples of in-kind cost share are the donation of work hours, facility use, equipment use.



Be aware that there are items that are considered unallowable cost share. If a cost is considered unallowable, it cannot be counted as cost share. This slide provides some examples of cost share that is unallowable.



Cost Share must be provided on an invoice basis, unless a waiver is requested and approved by the DOE Contracting Officer.



	Replies to Reviewer Comments		
	 EERE provides applicants with reviewer comments Applicants are <u>not</u> required to submit a Reply - it is optional To be considered by EERE, a Reply must be submitted by 3/29/2017, 5:00pm ET and submitted through EERE Exchange Content and form requirements: 		
	Section	Page Limit	Description
	Text	2 pages max	Applicants may respond to one or more reviewer comments or supplement their Full Application.
	Optional	1 page max	Applicants may use this page however they wish; text, graphs, charts, or other data to respond to reviewer comments or supplement their Full Application are acceptable.
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The Full Applications are reviewed by experts in the FOA topic area(s). After those experts review the applications, EERE will provide applicants with reviewer comments. Applicants will have a brief opportunity to review the comments and prepare a short Reply to Reviewer Comments responding to comments however they desire. The Reply to Reviewer Comments is due by the date and time provided on this slide. Applicants should anticipate receiving the independent reviewer comments approximately three business days before this due date. The Reply to Reviewer Comments is an optional submission; applicants are not required to submit a Reply to Reviewer Comments.

This a **customer centric** process that provides applicants with a unique opportunity to correct misunderstandings and misinterpretations and to provide additional data that might influence the selection process in their favor. The Replies are considered by the reviewers and the selection official.

Replies to Reviewer Comments must conform to the content and form requirements listed here, including maximum page lengths. If a Reply to Reviewer Comments is more than three pages in length, EERE will review only the first three pages and disregard any additional pages.

Please see Sections IV.E. and V.A.3 for additional information regarding Replies to Reviewer Comments

Registration Requirements			
	 To apply to this FOA, Applicants must register with and submit application materials through EERE Exchange: https://eere-Exchange.energy.gov 		
•	 Obtain a "control number" at least 24 hours before the first submission deadline 		
•	 Although not required to submit an Application, the following registrations must be complete to receive an award under this FOA: 		
	Registration Requirement	Website	
	DUNS Number	http://fedgov.dnb.com/webform	
	SAM	https://www.sam.gov	
	FedConnect	https://www.fedconnect.net	
	Grants.gov	http://www.grants.gov	
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There are several one-time actions before submitting an application in response to this FOA, and it is vital that applicants address these items as soon as possible. Some may take several weeks, and failure to complete them could interfere with an applicant's ability to apply to this FOA, or to meet the negotiation deadlines and receive an award if the application is selected.

DUNS Number

Obtain a Dun and Bradstreet Data Universal Numbering System (DUNS) number.

System for Award Management

Register with the System for Award Management (SAM). Designating an Electronic Business Point of Contact (EBiz POC) and obtaining a special password called an MPIN are important steps in SAM registration. Please update your SAM registration annually.

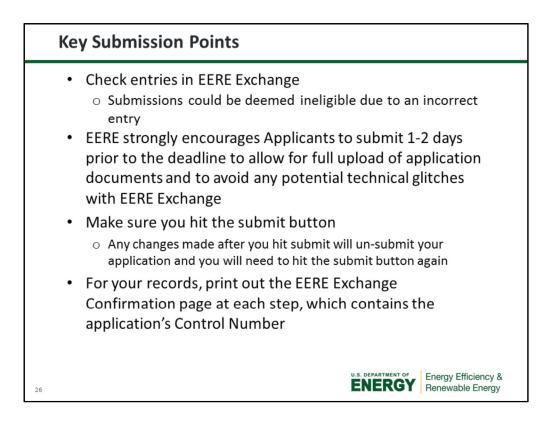
Fedconnect

Register in FedConnect. To create an organization

account, your organization's SAM MPIN is required. For more information about the SAM MPIN or other registration requirements, review the FedConnect Ready, Set, Go! Guide at the FedConnect site.

Grants.gov

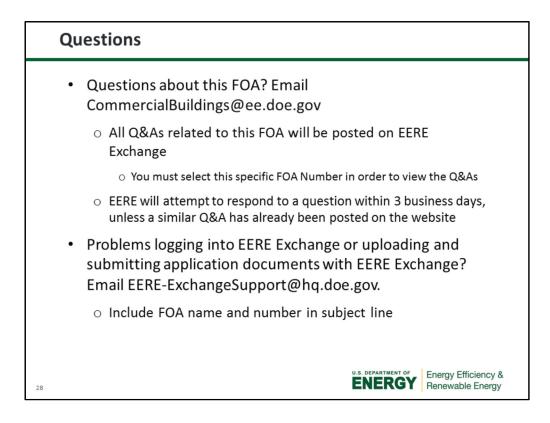
Register in Grants.gov to receive automatic updates when Amendments to this FOA are posted. However, please note that Concept Papers and Full Applications will not be accepted through Grants.gov.



I will go over this slide and then Robin will walk you through Exchange so you can see where our FOA is, where the Teaming List is, and where the Q&A is posted.

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When you log into Exchange (https://eere-Exchange.energy.gov) this is the page you will see. A quick way to find the FOA is to sort by the Program filter, and then select Buildings. Next, select this FOA, DE-FOA-0001518. This is where you would apply to the FOA and where you can read some helpful information about the FOA. Here are some important documents: The FOA itself which you will definitely want to download and read through and here is the Q&A log that Amy referred to. We will be keeping this up to date with questions as they come in. Here is the Teaming List that Amy referred to. Other things you will find here are some key dates, required application documents, the email address for any FOA questions, and the Exchange email address if you are having any issues in Exchange.



Thank you for joining our webinar, have a great day!