

2017 CEM Energy Management Leadership Awards

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Webinar Panelists

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Stephanie

Hello, everyone. I'm Stephanie Bechler from the National Renewable Energy Laboratory and welcome to today's webinar which is hosted by the Clean Energy Solutions Center in partnership with Clean Energy Ministerial CEM. Today's webinar is focused on the 2017 CEM Energy Management Leadership Awards. Before we begin, I'll quickly go over some of the webinar's features. For audio, you have two options. You may either listen through your computer or over the telephone. If you choose to listen through your computer, please select the mic speakers option in the audio pane. And if you choose to dial in by phone, please select the telephone option and a box on the right-hand side will display the phone number and audio pin you should use to dial in.

If anyone is having technical difficulties connecting to the webinar you can go to go to webinar's help desk and give them a call at 888-259-3826 for assistance. If you would like to ask a question during the webinar – and we encourage that you do – please use the questions pane in the toolbar. If you're having difficulties viewing the materials through the webinar portal, you'll find PDF copies of the presentations at cleanenergysolutions.org/training. Also, there is an audio recording and the presentation should be posted to the Solutions Center training page within a few days of the broadcast. They'll also be added to the [Solutions Center YouTube channel](#) where you will find other informative webinars as well as video interviews from thought leaders on clean energy policy topics.

One important note of mention before we begin the presentations is that the Clean Energy Solutions Center does not endorse or recommend specific products or services. Information provided in this webinar is featured at the Solutions Center's resource library as one of many best practices resources reviewed and selected by technical experts. Today's webinar agenda is centered around presentations from our guest panelists, Graziella Siciliano, Tracy Evans and Nancy Gonzalez who join us to discuss the 2017 CEM Energy Management Leadership Awards. Before we jump into the presentations, I'll provide a quick overview of the Clean Energy Solutions Center. Then following the panelists' presentations, we will have a Q&A session where the panelists will address questions submitted by the audience. And at the end of the webinar you will be automatically prompted to fill out a brief survey. We thank you in advance for taking a moment to respond.

The Solutions Center was launched in 2011 under the Clean Energy Ministerial. The Clean Energy Ministerial is a high level global forum to promote policies and programs that advance clean energy technology, to share lessons learned, best practices and to encourage the transition to a global clean energy economy. The Solutions Center is one of nine initiatives of the Clean Energy Ministerial. Other CEM initiatives include IFGIN, 21 CPP and Global LEAP. All the initiatives work towards the three overarching goals, to improve energy efficiency worldwide, enhance clean energy supplies and advance clean energy access.

The webinar is provided by the Clean Energy Solutions Center which focused on helping government policy makers design and adopt policies and programs that support the deployment of clean energy technology which is accomplished through support and classing and implementing policies related to energy access, no cost expert policy assistance and peer to peer learning and training tools such as this webinar. The Clean Energy Solutions Center is cosponsored by the governments of Australia, Sweden, the United States with in kind support from the government of Mexico.

The Solutions Center has five primary goals. It serves as a clearinghouse of clean energy policy resources. It also serves to share policy best practices, data and analysis tools specific to the clean energy policies and programs. The Solutions Center delivers dynamic services that enable expert assistance, learning and peer to peer sharing of experiences. It also fosters dialogue on emerging policy issues and innovation around the globe. And finally, the Solutions Center serves as a primary resource for project financial planning options and information to expand markets of clean energy. This finance technical assistance service of the Solutions Center was announced last year at PROP 21.

Our primary audience is made up of energy policy makers and analysts from governments and technical organizations in all countries but we also try to engage with the private sector, NGOs and civil society. The Solutions Center is an international initiative that works with more than 35 international partners across a suite of different programs. Several of the partners are listed here and include research organizations like IRENA and IEA, programs like

SE4All and regionally focused entities such as ECOWAS Center for Renewable Energy and Energy Efficiency.

The marquee feature of the Solutions Center is no cost expert policy assistance known as Ask an Expert. The Ask an Expert service matches policy makers with one of more than 50 global experts selected as authoritative leaders on specific clean energy finance and policy topics. For example, in the area of demand of policy evaluation, we are very pleased to have Bruno _____ from Inner Data serving as one of our experts. If you ever need policy assistance in energy efficiency or any other type of clean energy sector, we encourage you to use this valuable service. This service is provided free of charge and if you have any questions for our experts please submit them through our online forum at cleanenergysolutions.org/expert. We also invite you to spread the word about the service to those in your network and organization.

Now I'd like to provide brief introductions to today's panelists. First up is Graziella Siciliano who is a fellow at the US Department of Energy where she has served as coordinator for the Energy Management Working Group initiative of the Clean Energy Ministerial since August of 2012. Following Graziella, we will hear from Tracy Evans who is a strategist at Energetics Incorporated where she provides strategic communications and project management support to the US Department of Energy's Advanced Manufacturing Office for Superior Energy Performance and the global office of international affairs at _____ for the Energy Management Working Group. And our final speaker today is Nancy Gonzalez who is an energy analyst at Energetics where she provides program design implementation, project management support to various clients including the US Department of Energy. And with those introductions, I'd like to welcome Graziella to the webinar.

Graziella

Thank you so much Stephanie and to the Solutions Center for providing this opportunity for us to speak about the Energy Management Leadership Awards. Thank you to everyone who has joined the webinar. We're really excited to talk to you about this topic. Yes? Oh ok. Perfect. The presentation was looking a little odd so I just wanted to make sure. Yes. Wonderful. Thank you. Yeah. So I will just kick it off and speak very briefly just to give you all an idea of who we are and why we're doing this, why we're doing this global leadership award recognition program and competition.

Next slide please. Stephanie has already given you an overview of the Clean Energy Ministerial and the work that we do through this global high level forum on a variety of clean energy issues including energy efficiency that's highlighted all annually through our ministerial meetings. Next slide. One of the initiatives of the Clean Energy Ministerial in addition to the Solutions Center is the Energy Management Working Group and we were born of the Clean Energy Ministerial in 2010 actually and our focus is helping governments to accelerate the adoption and use of energy management systems such as the ISO 50001 international standards in the largest of energy using sectors, specifically industry and commercial building worldwide.

We've got about 17 countries as part of the Energy Management Working Group and it continues to grow in terms of government participation but also in the variety of partners that we have that engage with our work including United Nations Industrial Development Organization, the international standard organization and other organizations doing, promoting energy efficiency and clean energy around the world. One of our marquee activities in addition to the leadership awards is an energy management campaign that was launched after the _____ agreement PROP 21 but really seeks to drive action and secure commitments from governments, partners and companies to promote ISO 50001. We have a goal of reaching ISO 50001 certification to the international standards by 2020.

Next slide. In addition to being a part of the Clean Energy Ministerial Energy Management Working Group is also part of another very important international forum, International Partnership for Energy Efficiency Cooperation. The IPEEC as we call it is another government forum with exclusive focus is providing global leadership on energy efficiency by facilitating implementations of policy and programs to CEOs of energy efficiency gains. The 17 member countries of IPEEC working group continue to grow and we work on facilitating rapid deployment of energy efficiency worldwide, exchanging best practices and facilitating initiatives to improve energy efficiency.

Next slide. ISO 50001 energy management strategies are a key part of the work that happens in Clean Energy Ministerial's IPEEC and are growing strategies that governments look to promote among industry to achieve the ambition climate and energy goals that have been established in the country and that continue to become more ambitious as we now have the agreement, international climate change agreement. And ISO 50001 is a key strategy for that as an international voluntary standard ISO 50001 can provide an international benchmark for progress towards climate and energy goals. And as it is globally harmonized the certification process provides a transparent mechanism to track progress.

But in addition, ISO 50001 also has a tremendous value because it is an ambitious and quantifiable international standard that is relevant to sectors. Any sector that uses energy can apply the principles of ISO 50001 in their operations to improve their energy performance, improve their energy efficiency and to implement a clean energy strategy. And the value of the ISO 50001 standards is that it provides the organization with the tools and the resources and the processes and procedures that you need to track, analyze and monitor energy use on a continual basis and have the information at hand that you need to make decisions on how best to maximize the use of energy in your organization. And that's tackling not only the technological opportunities to improve efficiency but also looking at how your organization, some of the institutional changes that you can make to maximize your energy performance throughout the organization.

The ISO 50001 tool is really truly a globally relevant tool with over 50 plus countries continuing to work together through the international standards organization to continually improve the standard and ensure that it meets, that

it benefits both governments and companies that are looking to promote and implement it. Next slide. And the tremendous amount of number of companies from around the world have been leading in the implementation of ISO 50001. Currently we have over 18,000 certifications to the global standard. These represent voluntary adoption of the standard to improve energy performance.

There's a tremendous amount of information that we are learning from the implementation of ISO 50001 through case studies and the benefits, the business benefits of this. And part of our work through the Energy Management Working Group is to capture those benefits, to capture that information and share it with the rest of the world so folks could understand the value of ISO 50001. And that's also part of our role with promoting the work and recognizing companies that have made this tremendous investment and achievement through the global leadership award. Thank you.

Tracy

Thank you. And I'll speak next. This is Tracy Evans and I'll give the high-level overview of the Energy Management Leadership Awards. So those early adopters that Graziella was just speaking about are demonstrating the business value and paving the path for efficient and effective implementation. And to recognize those organizations that are using ISO 50001 to achieve their energy and sustainability goals, the Clean Energy Ministerial offers its Energy Management Leadership Awards. So this is the second year of the awards program and my colleague Nancy will share more about the results of the first year in a moment. The organizations participating in this share their experiences and successes using ISO 50001. And they're in a position to help guide others that can help to multiply the achievement to fulfill organizational national and global energy and climate goals. Next please.

The Clean Energy Ministerial invites your organization to participate in this awards program. To enter, you submit a case study that describes your ISO 50001 implementation and results, the business benefits. And case studies are reviewed and judged by a selection committee of energy management system experts from around the world and award recipients will be notified in April 2017 and publicly announced in June. These awards are managed by the Clean Energy Ministerial's energy management working group which Graziella has introduced and talked about earlier.

Next please, Nancy. The submission deadline was recently extended to the 14th of February so we hope you'll start preparing entries soon. Next please. There are a variety of benefits for those who participate. This is an opportunity for global recognition at a high-level forum with support from energy ministers. Receiving an award through the Clean Energy Ministerial affirms your leadership and demonstrates your commitment and leadership to stakeholders. Each organization that contributes insights through a quality case study is recognized. Any organization in the current third party very ISO 50001 certificate is eligible to participate. And organizations can be at a corporate level or a facility level. It depends on the ISO 50001 certificate issued by the certification body. So we welcome both the corporate and the facility at our site level.

A wide variety of organizations are encouraged to enter such as those in the industrial, commercial or public sectors. So if you're an ISO 50001 certified manufacturing company or facility, a hotel, university, hospital, city, municipality, water, wastewater treatment facility or any other organization with an ISO 50001 certificate please consider participating. This is open to all organizations and in those sectors, industrial, commercial and public sector. Next please. There are three categories of awards. The top award is the Clean Energy Ministerial award of excellence in energy management and this award recognizes achieved savings and an organization's efforts to transform the way they're using energy. This award aims to acknowledge organizations of various sizes, types, sectors and geographies.

Next please, Nancy. These top winners will be – sorry. Back one. These top three or these top winners will be honored at the eighth Clean Energy Ministerial meeting in Beijing, China which takes place on June 6th through 8th. And Graziella mentioned earlier it's the annual meeting of energy ministers and other high level delegates from the 24 member countries in the European of the Clean Energy Ministerial. And representatives from the top winners will be invited to attend the public portion of this meeting.

The second category is the national energy management awards. For this, governments may honor organizations submitting top entries from their countries. For example, last year South Africa recognized winners of the South African energy management award recently at a major event that happens each year. And so, they handed out the awards this past November with a large audience. For the third category, the energy management insight award, this award recognizes all of the organizations that submit qualifying entries for helping to build global insights on the benefit of energy management systems and ISO 50001.

Next please. So to help you get started on preparing your entry, there are many resources on the CEM website. There's a fact sheet to help you communicate to others in your organization about these awards. You can check out the official awards for the full program details and you may also want to scan the frequently asked questions. You'll use the entry form and case study template for preparing your entry. We hope you'll participate and if you know any others who are certified ISO 50001 please let them know about these awards. Now I'll pass this over to Nancy Gonzalez who will describe more of the details of this awards program. Next please.

Nancy

Thanks, Tracy. Hi everyone. My name is Nancy Gonzalez and I'm going to tell you a little bit more about how you can apply for the Energy Management Leaderships Awards. So first, organizations must download and submit the entry forms along with the completed case study using the required and provided case study template. Case study has a few criteria and requirements. All case studies must be completed in English. We also have a page limit of four to six pages in length, six pages being the maximum. Any case studies that are submitted that are longer than six pages will not be accepted.

Along with your entry form and case study, organizations will have to include copies of your current ISO 50001 certificate and of course all entries should

be submitted by the February 14th deadline. We do encourage early submission to ensure the eligibility of your entry. Once your entry is received it will be reviewed for completeness and if its entry is already incomplete, the secretary will notify your organization of any missing information and those will provide you an opportunity to resolve any issues and resubmit at any time up until the deadline of February 14th.

All entries for the Energy Management Leadership Awards program should be submitted using the provided case study template. A snapshot of the template is on the right-hand side of your screen. It's available for download on our website. The benefit of using the template is that it provides the guidance and content and format and it shows the evaluation criteria that you will need to develop your case study. Throughout the case study, organizations will find required layouts and fonts and formats to use. These should not be altered or changed. Organizations consistently fill in portions of the case study.

Throughout the case study, you'll also find these red boxes that provide more insights into the evaluation criteria and the point value system that is associated with content. The judges will be using the evaluation criteria to score each entry so you want to pay very close attention to what's required. You'll also find guidance within the red boxes as well. This will be displayed in grey text throughout the template. And this is intended to provide a little bit more examples and topics that organizations can address when developing their story.

So the evaluation criteria is provided in the template. It's also available on our website and I have included a summary table of what it looks like. It's every case study is evaluated based on content, criteria and associated with topics in two criteria areas. The first area of criteria is content that describes your ISO 50001 implementation and some of the results and benefits that organizations are seeing. So there are eight different topics in the first criteria area, all worth 80 points. So you'll see the first criteria will go into information about your company profile, the business case for and strategy for implementing ISO 50001 and the benefits that organizations are seeing, some of the organizational change, cost benefit analysis and even things like the approach that companies have used to turn in energy performance improvements.

The second criteria looks more into some of the tips and advice companies can offer as well as examples. So it will consist of three topic areas worth 20 points and it will include information on any lessons learned that the organization can share and information on some tips for quotes that can be provided. So these are intended to be transparent and be case studies that could be shared with others so that others can replicate successes that organizations are seeing with their implementation.

The selection of award winners will entail a jury process with a panel of energy management system experts from all over the world. And once case studies are submitted and received, the secretariat will conduct an initial review of these entries to ensure the eligibility and completeness. Entries that

pass that initial review will be accepted and they'll move on to the selection phase. Each case study will be reviewed and scored by two experts. The experts will score the entries on a scale from 0 to 100 points using the evaluation criteria which is reviewed. The EMWG secretariat will compile the scoring sheets and tabulate the points for the case studies. All of the case studies that meet the evaluation criteria will qualify to earn an insights award.

The highest scoring entries will then move on as finalists for the Clean Energy Ministerial award of excellence which is a top honor. The experts will review and discuss the scores for each finalist and determine the top award winners. And the EMWG will also nominate the highest scoring entry forms from each country that's participating in distributing national awards. So there are three awards with opportunities with the awards of excellence being the highest honor.

The winners I've mentioned will be chosen by our award selection committee. And this year we have on-boarded a number of experts from all around the world. They're listed here from a number of different countries. We are still adding experts to the panel but they are – their bios if you're interested in learning more about them and where they're from are available on our website. The experts have a lot of experience in energy management systems and ISO 50001. Many of them have served on the ISO technical 301 committees and they are required to have a minimum two years' experience in implementing or auditing or any capacity with the standards.

So there are – again, there are many opportunities for recognition. In 2016 as Graziella mentioned, 2016 was our first year. This is our second year. We're really excited. In 2016 we had 35 organizations from across 20 countries receive awards. There were three companies that received the top honor, the award of excellence in energy management. It was Cummins, L.G. Chem and New Gold. There were another – the other 32 companies received energy management insight awards for assisting with building global insights in energy management systems. And if you visit our website you can find all of the winning case studies along with the 2017 awards details.

We also have a video that we developed of the Energy Management Leaderships Awards winners. This video shares the ISO 50001 implementation insights benefits. If you are interested, we encourage you to visit our website and learn more. So organizations that would like to apply for the 2017 award should send your interest by sending an email to the EMWG email address listed on the screen and include your full name, point of contact, email, company name and country affiliation. This does not obligate your organization to participate. We just want to know who is interested so that we are doing due diligence and sending important updates and clarifications along the way before the entry deadline.

We also encourage organizations to visit the website, two links here to the Energy Management Working Group webpage and to the awards webpage. You can also subscribe to our subscriber list and this will also insure that you receive the latest updates. You can also check out the EMWG Energy

Management Campaign which I believe Graziella mentioned earlier. And with that I'll hand it back to Stephanie for the question and answer session.

Stephanie

Great, Nancy. Thank you so much. Thank you all three of you for the information. As we switch to the question and answer portion, we had a few attendees ask if this presentation will be available and yes it will. The link is right on the screen now. This presentation and a recording of today's presentation will be available at the cleanenergysolutions.org/training and you'll be able to access all of those links for CEM awards information there. The first question that has come in is do you have to be an energy working group country to enter for these awards?

Nancy

So this is Nancy. I can take that question. No, you do not have to be an EMWG country member. The award program as Tracy mentioned is open to any organization that has implemented the ISO 50001 standards.

Stephanie

Great. Does the case study itself need to be within a certain timeline? For example, if the case study took place a year or two ago is it still eligible for the award?

Nancy

This is Nancy again. We do accept case studies again that address these standards since the standard publication date in 2011. As long as the standard is up to date and current and has not been expired then organizations are eligible to apply.

Stephanie

Great. Can an organization apply for an award if they participated in the 2016 awards program?

Nancy

Yes. The answer to that question is yes. Organizations can apply for the award if they participated in it from last year's program. The one caveat is that the entry has to include a modified and enhanced scope. So this may include an expanded scope from for instance if an organization has submitted a case study that highlighted its implementation of the standard of single facility they may want to include multiple facilities under that scope. Or if the organization has recertified to the standards we'd like to see some of that, the process for recertification within the case study as well.

Stephanie

Great. And just a question on the template. Do they have to use the case study template or are there any variations permitted?

Nancy

Yes, organizations must use the provided case study template. If companies have their own case studies that they've developed in their past, there's certainly – they certainly can pull from those case studies, cut and paste and use some of the information but we do encourage organizations to pay very close attention to the template and the guidance criteria, evaluation criteria provided in the case study to make sure that they are eligible for the highest points possible when being evaluated.

Stephanie

Great. And a follow up to that. Do they have to address every item listed on the case study template?

Nancy Organizations are encouraged to address all of the items again to ensure that they receive the highest possible points. So again, the experts will be looking at the – the evaluation criteria should be your guide on the content that you include as you develop your case study. And all of our judges will be using that criteria to score your content. So it's in your best interest to address all of the topics.

Stephanie Great. And _____ is asking if you could review the sectors that a company has to – what category a company has to fall in for an application or is there any wiggle room on the sectors for submission?

Nancy Sure. So the awards program is open to companies from all sectors in the industrial sector, the commercial sector and the public sector. So it's very broad. Any organization that has the eligibility, essentially requirement is whether you've implemented the ISO 50001 standards and received certification. So if you have a certificate, you are eligible to apply.

Stephanie Great. And for the national awards, do all countries select their best performing organization or only some countries?

Nancy So the national awards are currently we have three countries that have agreed and confirmed their participation with providing a national award to any companies from their country that submit a case study. And those countries are Canada, the United States and South Africa. We are working with a number of other countries to explore their interest in also providing national awards and national recognition. And with those three countries we'll be working with Canada, the US and South Africa to provide them with the highest scoring case studies that we receive from their countries. And they will go through in a separate national evaluation process and those countries will choose their national awardees.

Stephanie Thank you. We are getting down to our last couple of questions so just as a reminder to the attendees if there's anything you'd like to ask please submit it in that question pane on the toolbar. The next question is what if their organization has multiple sites certified to ISO 50001? Should they submit a case study for each site or can they integrate the sites into one case study?

Nancy Sure. Organizations are encouraged to choose essentially the approach they'd like to take with applying. We've seen single entry case studies in the past and we've seen case studies where the scope is larger and includes multiple sites. If you would like to include multiple sites – if you have multiple sites that are certified, we certainly love to see the integration of those sites. We would like to hear from your organization and really understand your approach to implement of ISO 50001 not only at a single facility but across your organization.

So if you are putting effort into getting certified across your organization, that is a very compelling story to tell and we'd love to see that. The way in which companies can include multiple site scope is essentially including an aggregation of all your sites. And if you look at the entry form in the case study template there is more guidance on what companies that are including a

larger scope, a multiple site implementation sort of include and how to aggregate your data.

Stephanie

wonderful. And this will be our last question unless I see any others come in. Are entries able to include visuals that are not part of the template such as photos, graphs or quotes?

Nancy

Yes. Organizations can include additional visuals. We do have the page limit of six pages. So as long as companies do not go over the six-page limit, they can include as many visuals as they like, whether it's photo, whether it's a quote or whether it's a chart. We do want to see those aspects so there are minimum of what you'll see in the case study template. We do want to see a good amount of content as well. So companies as they're developing their stories and including some of their visuals they can pick and choose what they'd like to add or what they might feel as though they should take away to meet the six-page requirement.

Stephanie

Thank you. And just as a reminder, the presentations will be available on the CleanSenergySolutionCenter.org/training. And this presentation does include the email address that you can forward all inquiries to. So that is it for our Q&A session. Nancy, Tracy or Graziella, do you have any closing remarks you'd like to make before we wrap up?

Graziella

No. Thank you to the Clean Energy Solutions Center and to all the folks that attended the webinar. We really appreciate your time and hope you apply for the award program.

Nancy

Yeah. And I would just want to add one thing. Companies are encouraged to visit our website. There is a wealth of resources on the program, of course the entry forms and templates are online, but again there are examples, the winning case studies last year. If you do look at those examples just remember to relook at the 2017 official rules. We have made some changes to the 2017 case study templates so yes, you can get great ideas from the 2016 case study winners but do remember to revisit 2017 and make sure you look at the requirements closely.

Stephanie

Wonderful. Well, great. Thank you all again for your participation and thank you to today's attendees for also participating in today's webinar. We really appreciate your time and hope in return that there are some valuable insights that you can take back to your ministries, departments and organizations. We also invite you to inform your colleagues and those in your networks about the Solutions Center resources and services including the no cost policy support through our Ask an Expert service. I invite you to check the Solutions Center website if you would like to view the slides or listen to a recording of today's presentation as well as previously held webinars.

Additionally, you'll find information on upcoming webinars and other training events. We are also posting the recordings on our [YouTube channel](#) and please allow two days for those to be posted. Finally, I would like to kindly ask you to take a moment to complete a short survey that will appear when we conclude the webinar. Please enjoy the rest of your day, wherever you're listening from, and we hope to see you again on future Clean Energy Solutions Center events. This concludes our webinar.