

Application for Federal Assistance SF-424

Version 02

* 1. Type of Submission:		* 2. Type of Application:		* If Revision, select appropriate letter(s):	
<input type="checkbox"/> Preapplication		<input checked="" type="checkbox"/> New		<input type="text"/>	
<input checked="" type="checkbox"/> Application		<input type="checkbox"/> Continuation		* Other (Specify)	
<input type="checkbox"/> Changed/Corrected Application		<input type="checkbox"/> Revision		<input type="text"/>	
* 3. Date Received:		4. Applicant Identifier:			
<input type="text" value="12/14/2009"/>		<input type="text"/>			
5a. Federal Entity Identifier:			* 5b. Federal Award Identifier:		
<input type="text"/>			<input type="text"/>		
State Use Only:					
6. Date Received by State:		7. State Application Identifier:			
<input type="text"/>		<input type="text"/>			
8. APPLICANT INFORMATION:					
* a. Legal Name: <input type="text" value="Chicago Metropolitan Agency for Planning"/>					
* b. Employer/Taxpayer Identification Number (EIN/TIN):			* c. Organizational DUNS:		
<input type="text" value="13-4331367"/>			<input type="text" value="0685871120000"/>		
d. Address:					
* Street1:	<input type="text" value="233 S Wacker Drive"/>				
Street2:	<input type="text" value="Suite 800"/>				
* City:	<input type="text" value="Chicago"/>				
County:	<input type="text" value="Cook"/>				
* State:	<input type="text" value="IL: Illinois"/>				
Province:	<input type="text"/>				
* Country:	<input type="text" value="USA: UNITED STATES"/>				
* Zip / Postal Code:	<input type="text" value="60606"/>				
e. Organizational Unit:					
Department Name:			Division Name:		
<input type="text"/>			<input type="text"/>		
f. Name and contact information of person to be contacted on matters involving this application:					
Prefix:	<input type="text"/>	* First Name:	<input type="text" value="Annie"/>		
Middle Name:	<input type="text"/>				
* Last Name:	<input type="text" value="Byrne"/>				
Suffix:	<input type="text"/>				
Title:	<input type="text"/>				
Organizational Affiliation:					
<input type="text"/>					
* Telephone Number:	<input type="text" value="312-386-8786"/>	Fax Number:	<input type="text"/>		
* Email:	<input type="text" value="abyrne@cmap.illinois.gov"/>				

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9. Type of Applicant 1: Select Applicant Type:

E: Regional Organization

Type of Applicant 2: Select Applicant Type:

Type of Applicant 3: Select Applicant Type:

* Other (specify):

*** 10. Name of Federal Agency:**

Environmental Management Consolidated Business Cen

11. Catalog of Federal Domestic Assistance Number:

81.128

CFDA Title:

Energy Efficiency & Conservation Block Grant Program

*** 12. Funding Opportunity Number:**

DE-FOA-0000148

* Title:

Recovery Act: Energy Efficiency and Conservation Block Grants: Competitive Solicitation: Retrofit Ramp-up and General Innovation Fund Programs

13. Competition Identification Number:

Title:

14. Areas Affected by Project (Cities, Counties, States, etc.):

*** 15. Descriptive Title of Applicant's Project:**

Chicago Regional Retrofit Ramp-up (CR3)

Attach supporting documents as specified in agency instructions.

Add Attachments

Delete Attachments

View Attachments

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16. Congressional Districts Of:
* a. Applicant * b. Program/Project

Attach an additional list of Program/Project Congressional Districts if needed.

17. Proposed Project:
* a. Start Date: * b. End Date:

18. Estimated Funding (\$):

* a. Federal	<input type="text" value="75,000,000.00"/>
* b. Applicant	<input type="text" value="0.00"/>
* c. State	<input type="text" value="0.00"/>
* d. Local	<input type="text" value="0.00"/>
* e. Other	<input type="text" value="0.00"/>
* f. Program Income	<input type="text" value="0.00"/>
* g. TOTAL	<input type="text" value="75,000,000.00"/>

*** 19. Is Application Subject to Review By State Under Executive Order 12372 Process?**
 a. This application was made available to the State under the Executive Order 12372 Process for review on .
 b. Program is subject to E.O. 12372 but has not been selected by the State for review.
 c. Program is not covered by E.O. 12372.

*** 20. Is the Applicant Delinquent On Any Federal Debt? (If "Yes", provide explanation.)**
 Yes No

21. *By signing this application, I certify (1) to the statements contained in the list of certifications and (2) that the statements herein are true, complete and accurate to the best of my knowledge. I also provide the required assurances** and agree to comply with any resulting terms if I accept an award. I am aware that any false, fictitious, or fraudulent statements or claims may subject me to criminal, civil, or administrative penalties. (U.S. Code, Title 218, Section 1001)**
 ** I AGREE
** The list of certifications and assurances, or an internet site where you may obtain this list, is contained in the announcement or agency specific instructions.

Authorized Representative:

Prefix: * First Name:
 Middle Name:
 * Last Name:
 Suffix:
 * Title:
 * Telephone Number: Fax Number:
 * Email:
 * Signature of Authorized Representative: * Date Signed:

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*** Applicant Federal Debt Delinquency Explanation**

The following field should contain an explanation if the Applicant organization is delinquent on any Federal Debt. Maximum number of characters that can be entered is 4,000. Try and avoid extra spaces and carriage returns to maximize the availability of space.

Project/Performance Site Location(s)

Project/Performance Site Primary Location I am submitting an application as an individual, and not on behalf of a company, state, local or tribal government, academia, or other type of organization.

Organization Name:

DUNS Number:

* Street1:

Street2:

* City: County:

* State:

Province:

* Country:

* ZIP / Postal Code: * Project/ Performance Site Congressional District:

Project/Performance Site Location 1 I am submitting an application as an individual, and not on behalf of a company, state, local or tribal government, academia, or other type of organization.

Organization Name:

DUNS Number:

* Street1:

Street2:

* City: County:

* State:

Province:

* Country:

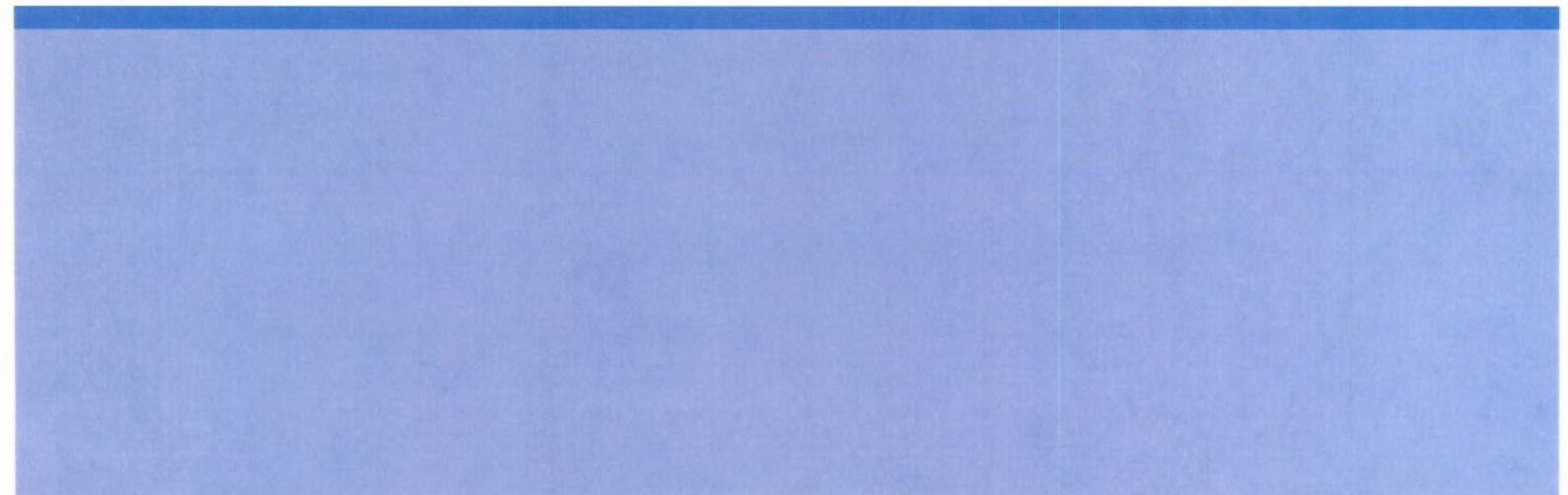
* ZIP / Postal Code: * Project/ Performance Site Congressional District:



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Chicago Region Retrofit Ramp-Up: Project Narrative



Chicago Region Retrofit Ramp-up (CR3) Proposal

Section 1: Project Objectives

At present across the Chicago region, significant funding and numerous programs promote energy efficiency. Units are being retrofitted region-wide as a result of the Chicago Climate Action Plan (CCAP) and other programs. In the City of Chicago alone, more than 14,000 units have been retrofitted since the CCAP was launched in 2008, with thousands more residents having been touched through a range of energy efficiency programs offered by local utilities. Local research on a variety of climate change and energy retrofit topics -- including an analysis of the retrofit programs currently underway -- confirms the urgency to reduce energy consumption in buildings, revealing a market that is fragmented and in the beginning stages of growth. The market is impeded from maturing quickly due to multiple and incomplete information sources, current financing products that do not meet the retrofit market needs, and a lack of trained workers.

The CCAP specifically identifies building retrofits as a key strategy to reducing carbon emissions in the City. Building on the CCAP, a unique partnership of utilities, local and state government, and large providers who came together and engaged a leading consulting firm to identify how the partnership could provide energy retrofits to their customers and constituents more effectively and efficiently. Applying lessons learned from that research, they created the Chicago Energy Efficiency Building Retrofit Strategy (Chicago Strategy) guided by a Steering Committee comprised of the major energy efficiency stakeholders. The Chicago Strategy identifies both the barriers to market transformation and the ways to eliminate them. This partnership continues to work together to maximize programs' overall impact and to achieve synergies in meeting their individual and joint goals.

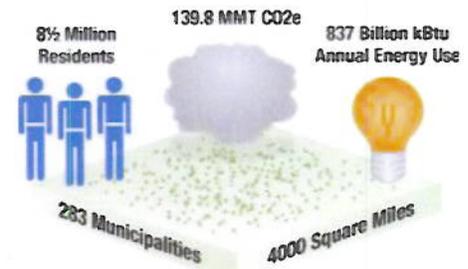


Figure 1. Regional Context

All of this important groundwork has coincided with development by the Chicago Metropolitan Agency for Planning (CMAP) of the seven-county region's first truly comprehensive plan. As the official federally and state-designated Metropolitan Planning Organization, CMAP is responsible for crafting the long-range plan -- called *GO TO 2040* -- that will guide regional development and investments for decades to come. Among the dozens of recent research papers by CMAP and its partners, several have contributed significantly to understanding patterns of energy consumption at the regional and local levels, including many promising strategies for reducing waste and inefficiencies.

The objective of this **Chicago Region Retrofit Ramp-up (CR3) Proposal** is to secure \$75 million in U.S. Department of Energy (DOE) funding that can be leveraged by regional resources to organize and align the market by overcoming barriers already clearly identified in the Chicago Strategy. The overall CR3 vision is to facilitate the transition from an emerging market made up of a loose set of programs to a fully developed, efficient market that can operate with the efficiencies of scale and scope. When this happens, every homeowner and business owner will have the information they need to make rational decisions about whether, how, and how much they desire to improve their energy performance. Financial products will be readily available to facilitate the installation of selected measures. And suppliers can respond to consumer demand for retrofits with consistent, efficient, and affordable solutions. Due to its regional mission, CMAP is the lead applicant, acting in close partnership with the City of Chicago and the City of Rockford. This collaboration covers 4,000 square miles and represents over 8 million residents in northeastern Illinois.

CR3: A solid base for regional partnership

There is already significant energy efficiency activity across the counties of metropolitan Chicago. For example, approximately \$275 million will be invested over the next three years in the Chicago region through the Energy Efficiency Portfolio Standard expansion. Activity is occurring in all segments: residential, commercial, industrial, and municipal. The regional retrofit community is made up of a diverse set of stakeholders with differing, yet aligned objectives. Their overarching goal is to reduce energy usage in existing buildings.

Each organization relies on its own infrastructure and resources for customer acquisition and product delivery. As a result, there are limits currently to the economies of scale, increased energy efficiency gains, leveraging opportunities, and sharing best practices that come from collaboration and coordination. Funding from this grant will maximize efficiency by facilitating those interactions, leading to a better functioning market overall.

In 2009, the major stakeholders in the Chicago Strategy agreed to form a partnership to align resources and assure efficient and effective implementation of energy efficiency retrofit programs. In 2007, the Regional Vision adopted by CMAP and the guiding principles for the *GO TO 2040* plan committed to implementing strategies for reducing the region's energy consumption. CR3 is focused on building on this foundation and increasing the breadth and depth of its impact throughout the region.

Research and Analysis: Key Lessons

The Chicago region partnered with the International Panel on Climate Change and other local and national research institutions to invest heavily in research and analysis. This data informed the creation of plans that focus on reducing greenhouse gas emissions (GHGs) and achieving energy efficiency goals. The areas of study included emissions, energy usage, and assessments of the region's retrofit market and retrofit programs, as well as opportunities in the green jobs market. Taken together, these studies provided a wealth of information with which to create a market transformation strategy. Findings on emissions in the region concluded:

- 63% of all emissions in the region can be attributed to energy consumption in buildings
- Much of the building stock is older and built well before today's accepted efficiency standards were in place (57% built before 1970), suggesting that the potential energy savings to be gained by retrofitting existing buildings is high.

A variety of inventories on energy usage developed specifically for Chicago and CMAP point to areas in greatest need for retrofit targeting and provides a baseline to substantiate estimates on an on-going basis:

- An energy profile analyzed total energy consumption across the region by municipality, source, and sector, finding that energy use in buildings is twice that of other comparable regions.
- A detailed profile of energy consumption by building in the Chicago business district showed significant opportunity for efficiency gains by applying specific, tailored strategies.

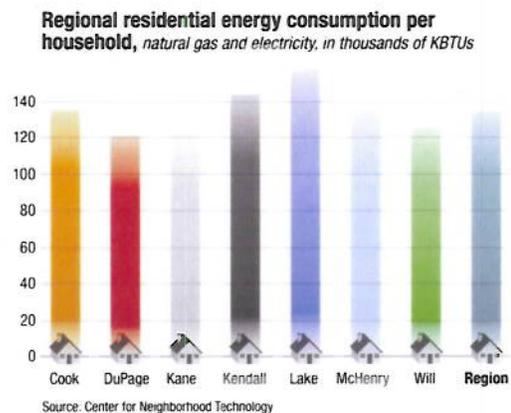


Figure 2. Regional energy consumption

Analyses of the current retrofit market identified barriers to expansion and included recommendations for ways to stimulate growth. An in-depth analysis outlined existing market barriers and recommended how to expand building retrofit programs. A constraints analysis outlined barriers to efficiency in government funded retrofit programs. The Chicago Retrofit Segmentation and Program Analysis identified opportunities and barriers to expanding retrofit activity by all market segments. And an ethnographic study of several Chicago neighborhoods accompanied by city-wide organization focus groups identified the most effective ways to change energy use behavior at the neighborhood level.

Analysis of the retrofit workforce demonstrated that there is substantial capacity in the region but that contractors need assistance to lower the cost of acquiring customers and a trained workforce. Developing the workforce component must meet the retrofit goals and the local market capacity on the supply side. There is also a need for common, comprehensive retrofit contractor and worker certification programs that can be applied across the region, providing guidance to the marketplace and unleashing the capacity of the community college and trade school infrastructure to provide the necessary training.

The Problem: An Inefficient Retrofit Market

There is significant activity in Chicago and the region, but the market is not yet functioning efficiently, despite the fact that energy retrofits are a good investment. The rate of penetration in the market remains small, reaching less than 1% of the building sector.

On the supply side, contractors and program administrators are experiencing a variety of challenges. The market is still in the earliest stages, resulting in an inability for contractors to find customers and for program administrators to identify and engage customers that meet their criteria. In addition, it is difficult for contractors and program administrators to support customer buying decisions because financing options are limited. Finally, there is not yet a consistent workforce development strategy to connect contractors with qualified workers trained in energy efficiency.

On the demand side, Chicago region residents and businesses are struggling to avoid foreclosures. Yet, understanding of energy efficiency techniques as a means of significant savings is low. Retrofit and utility assistance providers have trouble penetrating the market. Residents in the unsubsidized market lack awareness and capital. Small commercial and industrial businesses often do not understand energy usage concepts and thus do not effectively calculate the business impact of potential installed measures. Large commercial and industrial businesses often have competing capital projects, and retrofits can be complex to explain and execute internally.

The Solution: Build from a Strong Strategic Foundation

The Chicago Strategy identified six actions that can be implemented over the next three years to significantly increase the efficiency of the market. These actions focus on increasing access to information, access to capital through financial products, and access to a well-trained workforce. In addition, the strategy called for all of the market players to better organize their activities to leverage all dollars spent to meet common and individual objectives. Since the launch of the Chicago Strategy, there has been significant activity, including:

- The Energy Action Network (EAN) was initiated, which coordinates 21 trusted Community-Based Organizations (CBOs) as the primary communication channel to educate consumers in low-income communities on the range of programs available to them, and provides application assistance.
- The CR3 utility partners have pledged to coordinate implementation plans for their respective state Energy Efficiency Portfolio Standard's to identify co-delivery opportunities and continue to deliver programs that impact customers across all sectors.
- The "Green Office Challenge" was created as a structured challenge program to provide incentives to office building management companies to install energy efficiency measures, resulting in significant GHG and cost savings.

- The Citizens Utility Board has developed a website that uses real-time electricity data to help residents understand their current energy usage and what impact specific measures will have on their bills and on the environment.

Our Vision for this Funding Opportunity

The Chicago Strategy has called for significant capital investment in infrastructure that was not allowable under the State Energy Efficiency Portfolio Standards or the requirements of the non-profit partners because it would not have immediate direct impact on retrofits. By investing in these initiatives through CR3, the Chicago region will see a significant increase in retrofit activity, which will benefit all stakeholders. These grant funds will provide the necessary funding to develop market infrastructure that will support a sustainable energy efficiency market for years to come by addressing the challenges holistically and dynamically. This will allow the market to transition from an emerging set of programs and systems to a fully developed and efficient economy.

This proposal accelerates the implementation of the Chicago Strategy across the region including

Rockford, leveraging significant existing resources and program components at a rate in excess of 12:1 from partners, financial institutions and the utilities. CR3 will be guided by strong leadership from the Chicago Strategy Steering Committee, which will expand to include CMAP and other stakeholders.

CR3 will be guided by the following three principles that were identified by the Chicago Strategy:

- Plan programs in collaboration with other Steering Committee members where possible to maximize the impact of all programs and funding dollars (i.e., a portfolio-based approach).
- Balance overall program efficiency (as measured by dollars per metric ton of carbon dioxide reduced) against other goals, including serving low-income residents and creating jobs.
- Invest in indirect efforts to transform the market and provide enabling infrastructure.

The three CR3 goals are:

1. **Increasing access to information**, which will be accomplished by:
 - Developing a comprehensive information system that will both educate consumers and facilitate transactions by creating a forum to connect consumers with suppliers
 - Launching a broad-based marketing campaign to educate consumers on the impact that buildings have, and the energy efficiency opportunities that are available to them
 - Leveraging the EAN model being piloted in Chicago and the Rockford Neighborhood Network to increase penetration in selected target areas
2. **Increasing access to capital**, which will be accomplished by:
 - Providing more funding to early-stage pilot programs that have shown strong results
 - Investing in infrastructure to support innovative new delivery options
 - Increasing capital in specific sectors to help prove energy efficiency investment models

Chicago Region Retrofit Ramp-Up (CR3)
Accelerating the Marketplace to Value Energy Efficient Buildings

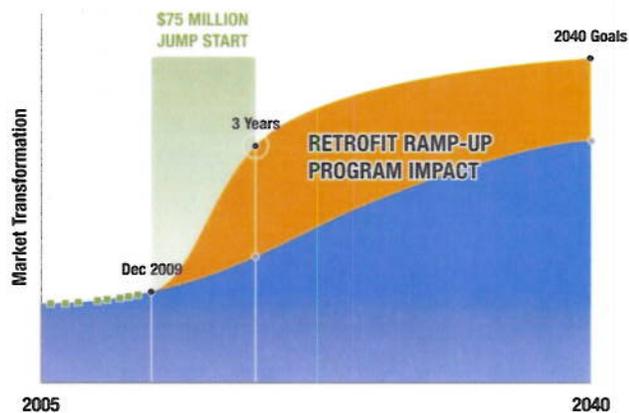


Figure 3. CR3 Impact

3. **Increasing access to a trained workforce**, which will be accomplished by:
 - Agreeing to a common, consistent certification standard for both contractors and
 - Leveraging the existing green workforce development collaboration to train people on the common certification standard
 - Creating a workforce intermediary that will connect trained workers with contractors

These funds will be used to leverage the more than \$911 million already expected to be spent on existing energy efficiency programs in the region. This is expected to result in a conservatively estimated increase of 26,740 residential and 1,900 commercial, industrial and public direct retrofits (i.e., specifically resulting from financing activities, thus more accurately estimated).

Why a Chicago Region Proposal?

This is an unprecedented opportunity to partner with DOE and effectively use federal grant resources to develop a comprehensive program across multiple building sectors and geographies by building on a strong strategy that is supported by all major stakeholders. CR3 is:

- Based on market structures (e.g., information systems, workforce development, capital), which are not confined by city boundaries.
- Aligned with utility partner boundaries, which creates economies of scale for private-sector partners.
- Consistent with the *GO TO 2040* plan and the CCAP, which both place a priority on innovative strategies to reduce energy consumption.
- Aligned with the objectives of the Retrofit Ramp-up program and other emerging federal policies to maximize federal resources across political boundaries.

The CR3 Methodology

Each of the three CR3 goals has been crafted based on significant research and strategic analysis conducted prior to this funding opportunity. The plan leverages existing pilots and partnerships, which will allow the region to optimize this grant opportunity in both short and long-term energy efficiency market impact. EECBG will be used to develop the connecting infrastructure to better leverage the individual programs to stimulate the retrofit market and increase its efficiency.

Goal 1: Increasing Access to Information. One of the greatest barriers is the lack of information to support market activities. It is currently very difficult for a consumer to identify and navigate the process to get a retrofit, or even to know what a retrofit is and how it might apply to their specific situation. Similarly, it is very difficult for any of the specialized service providers or program administrators to share information about their programs and services to a potential customer in an efficient manner. Finally, most consumers have not been educated on the impact of their buildings on the environment, or the economic opportunities afforded by retrofits. A dynamic information system leveraging advanced internet functionality, in combination with a strong marketing and branding effort, will support market emergence by capturing and synthesizing the most important information to support transactions.

Establishing accessibility and confidence in building retrofit information and resources will drive consumer demand. This demand generation complimented by aligned suppliers will transform a fragmented market into a coherent set of information sources that effectively connects customers and suppliers. This system will drive users to the programs (utility, state weatherization, private market) that are best suited to their needs. This will reduce the costs of customer acquisition, thus lowering transaction costs and the barriers to entry for both suppliers and consumers.

Goal 2: Increasing Access to Capital. A significant challenge in the current retrofit market is that funding is not appropriately targeted to the specific needs of each segment and does not match the expected cash flows from savings resulting from energy efficiency measure implementation. The current cost of capital also prohibits private consumer retrofit activity. In addition, banks do not yet fully value energy efficiency savings as effective collateral to use to obtain significant capital inflows. CR3 will

support the development and delivery of financing products targeted at each type of retrofit consumer, while at the same time providing test-case data that proves that energy savings are an effective and dependable cash flow stream.

Currently, many financial institutions are wary of entering into energy efficiency financing transactions. This lack of activity is driven by a combination of factors, including limited history of providing capital for these types of projects, lack of infrastructure systems to support these specialized loans, and reduced capital because of the current reduction in available lending capital. An example of this challenge from recent discussions is that local institutions have required substantial loan loss reserves, tying up important funding streams and reducing overall leverage. Sustainability will be achieved through a combination of paying for infrastructure and system development and also by providing lending institutions additional capital to increase the overall size of their energy efficiency loan portfolios.

Goal 3: Increasing Access to a Trained Workforce. A significant barrier to a coordinated workforce for energy efficiency is a lack common certification standard for energy efficiency workers and contractors. In addition, it is difficult for contractors to identify qualified workers.

The CR3 Steering Committee will select a common certification standard, and then leverage the current municipal and regional workforce development organizations to develop and launch a comprehensive training program. Trained workers will then be connected with employers, by establishing Energy Works, a workforce intermediary. Finally, a list of certified contractors will be developed and disseminated publicly. Certified contractors can then be evaluated using online functions (potentially through the information system) to ensure that the best contractors are supported, and underperformers are identified.

Project Specific Goals & Objectives

CR3 will meet the following specific objectives based on the three goals, which are consistent with the guiding principles outlined above.

To address Goal 1, CR3 will create an effective information system that serves as a regional center of energy tools, qualified contractors, and programs to lower transaction costs by generating demand, linking consumers and suppliers.

- Objective 1: Develop a regional information center that creates an efficient mechanism for disseminating high quality information and connecting building owners to qualified contractors and financial products, and facilitating market transactions using multiple communication channels to reach all segments.
- Objective 2: Conduct direct outreach via trusted messengers (e.g., community-based outreach, Chicagoland Chambers of Commerce, other trade associations) to engage building owners in retrofit activities in six targeted communities.
- Objective 3: Utilize a spectrum of web-based energy measurement and performance tools, traditional energy audits and diagnostics, and established and emerging software applications to provide vital information to building owners. This information will generate demand for retrofits, assist in making investment decisions during the decision-making process, and result in energy performance being broadly considered in real estate transactions.
- Objective 4: Introduce a marketing and branding strategy for retrofits broadly to increase consumer awareness and confidence, while at the same time increasing the number of participating suppliers.

To address Goal 2, CR3 will support the development and accessibility of innovative financial products so that building owners in all sectors can implement retrofits. Financing tools will be in the form of loans and guarantees to assure the greatest number of sectors and building types are impacted, leading to greater long-term program sustainability.

- Objective 1: Expand residential retrofit financing options
 - *Green Loan Program (single family, moderate/high income, 6,112 transactions)*. This product is an unsecured, small capital loan that can be applied for by the customer through the contractor during the retrofit process without significant paperwork. This approach has been widely accepted by participating contractors in initial pilot studies in other regions. The EECBG funds will be used to reduce the interest rate charged to consumers to increase adoption.
 - *New Market Tax Credits (multi-unit, low income, 12,000 transactions)*. This program leverages new market tax credits to support multi-family retrofits using an ESCO model. Shorebank and the Clinton Climate Initiative have put together this test program with the City of Chicago, Living Cities, and the Enterprise Foundation to evaluate its long-term potential.
 - *Energy Efficiency Rating Incentive Financing (residential, all income levels, 2,000 transactions)*. This program leverages the Illinois Association of Energy Raters and contractors trained in Home Performance with Energy Star to audit units and install improvements. Incentives will be provided to unit owners based on the energy efficiency increase achieved.
 - *On Bill Financing (residential, all income levels, 2,700 transactions)*. The invested dollars from CR3 will be focused on developing the infrastructure necessary to support these transactions, instead of simply providing capital.
 - *Multi-Family Loan Pool (Multi-unit, low income, 628 transactions)*. CR3 will establish a “Green Loan Pool” for the purpose of providing financial assistance to low-income building owners who are at risk of foreclosure, and are undertaking a rehab. These funds will be used to increase the amount of energy efficiency measures implemented in these rehabs.
 - *Energy Savers (multi-unit, all income levels, 2,400 transactions)*. Energy Savers is a loan program for multi-family rental building owners to obtain funding to retrofit their units. It is a partnership between the Community Investment Corporation, a community lender, and the Center for Neighborhood Technology, which provides auditing services and technical assistance to support owners in navigating the challenges of obtaining a retrofit. Results from the initial pilot of this program indicate that it could have a **game changing effect** on the way that financing is provided to multi-unit property owners looking to retrofit their buildings. **To date, the default rate of the Energy Savers program has been 0%.**
- Objective 2: Expand commercial, industrial, and public building financing options
 - *Loan Loss Guarantee (Commercial, Industrial, 1,860 transactions)*. The loan loss guarantee program is meant to immediately increase the amount of private lending for energy efficiency retrofits to the commercial building sector by standing behind 90% of the loans in the portfolio. Lenders typically will not accept projected energy savings (even if guaranteed by an energy service company) as sufficient collateral in the Midwest. Furthermore, because most commercial assets are held by unrated limited liability companies, and because energy efficient equipment is often already pledged under a first mortgage, it has been particularly difficult for energy efficiency lenders to underwrite and secure collateral for building retrofit projects in the commercial and industrial sectors.
 - *Municipal Lease (Public, 40 transactions)*. The EECBG funds will make small grants to energy efficiency building retrofit projects in the public sector in order to buy down the total project costs by up to 20%. Before the economic downturn, there was significant public sector retrofit activity. There is a lack of financing capital caused by the economic downturn. This subsidy will address this by providing significant opportunities for municipal entities to participate in energy efficiency activities, while at the same time filling in for the capital shortfall.
- Objective 3: Explore and support emerging financing options in the region
 - *Property Assessed Clean Energy (PACE) Bond Funding (Commercial, Industrial)*. CR3 does not allocate any dollars towards PACE, but will implement this innovative method when it becomes available in the State. The CR3 team is actively lobbying for the necessary legislation changes at the state level. In allowing for an “owner arranged” method of finance for the commercial sector, municipal funds will not be over-stretched.

- *Employer Assisted Retrofit Financing (residential, all income levels, 900 transactions).*
Employer assisted housing is a tool to allow employers to assist employees in buying or renting homes close to their workplace. A key goal is to strengthen financial stability for workers, including foreclosure prevention when provided in tandem with counseling. An energy retrofit fund will build off of these existing programs, and will provide forgivable loans to pay for energy efficiency retrofits.

To address Goal 3, CR3 will ensure a qualified, skilled workforce to implement the Building Energy Retrofits program.

- Objective 1: Establish consistent competency standards and certifications for workers and contractors.
- Objective 2: Develop a regional training center to train certified energy work including audits, HVAC, lighting, and insulation.
- Objective 3: Create a comprehensive, sector-based workforce intermediary (Energy Works) to act as “central broker” to match trained job-seekers to businesses seeking certified workers and to ensure quality training programs.
- Objective 4: Create a certified contractors network to match building owners with certified contractors to complete projects and integrate it with the information systems (goal one).

The CR3 objectives will be met by selecting organizations through a competitive RFP process (with strategic guidance from the CR3 Steering Committee) and by partnering with recognized leaders in the energy efficiency sector. The implementation plan will be carried out by a dedicated Implementation Agency that will report to CMAP. A detailed measurement and evaluation strategy will also be applied to ensure that the goals and objectives are met. The following sections will detail how these objectives will be met, consistent with the CR3 guiding principles. Section 4 shows the project work plan and timetable.

Section 2: Merit Review Criteria

Criterion 1: Leverage and Sustainability

The purpose of CR3 is to make the funds that are currently being spent in the region on energy efficiency more effective by removing the market barriers that currently exist. CR3 has identified \$911 million in leverage that will be spent on energy efficiency in the Chicago region over the next three years. CR3 will support existing and develop new programs and pilots, and allow them to have a greater impact by increasing the efficiency of the market.

Sustainable market transformation has the following attributes, which correspond to CR3 goals:

Goal 1: Increasing Access to Information

- Demand is created and supported through marketing, education, and community engagement.
- Transaction costs are lowered for both buyers and sellers by creating an efficient market for transactions to take place.

Goal 2: Increasing Access to Capital

- Financial products targeted at the needs of specific market segments are available and aligned with the expected cash flows from energy efficiency retrofits and are delivered in a cost-effective manner through already-developed channels.
- Financial products are commoditized, increasing volume and reducing costs to the end-user.
- High leverage models are used, which allow investments to have the most overall market impact.

Goal 3: Access to a Trained Workforce

- A universal certification system is agreed-upon and implemented for energy efficiency retrofits.
- An efficient market exists to train skilled workers and match them with contractors.

CR3 will invest the grant resources in buying down the high fixed costs of infrastructure development. After the three-year grant period, current market participants will only have to pay the significantly lower costs of continued operation. The intent of this EECBG investment is to build an infrastructure to support private market transactions following the grant period with continued leadership and oversight by the CR3 Steering Committee, all of whom have a long-term vested interest in this marketplace. At the end of the three-year program, CR3 will have set up the infrastructure necessary to support regional private market transactions, serving as a replicable template across the country.

The following sections describe in more detail how achieving each of the CR3 goals will lead to long-term impact beyond the three-year funding period.

Goal 1: Increasing Access to Information

Every service and program provider is currently trying to solve this problem individually. Each has its own call center, website, and advertising. Yet, it is still almost impossible for a consumer (either business or residential) to effectively navigate the myriad programs, products, and services that are available. This is a significant impediment to success.

Much of the strategy development for the information system has already been completed during the creation of the Chicago Strategy. This includes identification of components, anticipated impact models, and general architecture and capabilities definitions. In addition, technologies like being able to transfer between independent call centers (i.e., soft transfer), will allow the information system to seamlessly interface with each individual organization's existing infrastructure. This will reduce the on-going shared expense, yet still make it easier for customers, program providers, and suppliers to interact.

The information system will leverage the quantitative and qualitative social research combined with the considerable dollars that have been invested by the utilities, government and non-profit partners to create a bridging mechanism connecting all of the resources into a single, integrated approach. Preliminary research indicates that suppliers will see the value of a comprehensive information system for service delivery, and continue to support it through either advertising or fee-based revenues. At the same time, the cost for maintaining the site should be relatively low, as the grant dollars will be used to pay down the fixed start-up costs that make up the vast majority of the overall budget for creation and operation. This model has proven effective in a number of other market sectors that display similar characteristics to those anticipated for the retrofit market in 2012. In addition, there are already examples of similar information systems, including California (Flex Your Power) and Vermont (Efficiency Vermont), where technologies can be leveraged to maximize effectiveness.

Branding programs like Home Performance with Energy Star have been incorporated into CR3 and will continue to gain momentum and additional funding dollars after the culmination of this grant. CR3 will also leverage existing pilots, like the EAN to communicate with and engage specific communities. Significant resources have already been invested in the development of the program and the necessary protocols and systems, and these can be refined and replicated at less cost throughout the region, solidifying market transformation.

Goal 2: Increasing Access to Capital

The proposed budget of \$46.9 million in EECBG funding through the Retrofit Ramp-up Program for financing mechanisms will be complemented by leveraging \$392 million in additional capital, a blended ratio in excess of 8:1. This leveraging will come from multiple regional revenue streams to form a strong, comprehensive financial foundation to implement and sustain the market transformation activities at the core of CR3. The following figure and sections describe how each financial tool will support market transformation, sustainable after the grant period.

Objective	Financial Product	EECBG Funding	Leverage	Total Funding	Total Units
Expand Residential Retrofit Financing Options	Green Loan Program	\$ 5,968,750	\$ 70,431,250	\$ 76,400,000	6,112
	New Market Tax Credits	5,000,000	25,000,000	30,000,000	12,000
	EE Rating Incentive Financing	2,000,000	8,000,000	10,000,000	2,000
	On-Bill Financing	1,000,000	12,500,000	13,500,000	2,700
	Multi-Family Loan Pool	5,000,000	93,598,943	98,598,943	628
	Energy Savers	3,000,000	3,000,000	6,000,000	2,400
	Objective 1 Total	\$ 21,968,750	\$ 212,530,193	\$ 234,498,943	25,840
Expand Commercial, Industrial, and Public Financing Options	Loan Loss Guarantee	\$ 12,681,250	\$ 126,812,500	\$ 139,493,750	1,860
	Municipal Lease	10,000,000	50,000,000	60,000,000	40
	Objective 2 Total	\$ 22,681,250	\$ 176,812,500	\$ 199,493,750	1,900
Explore and Support Emerging Financing Options in the Region	PACE	N/A	N/A	N/A	N/A
	Employer Assisted Financing	\$ 2,250,000	\$ 2,250,000	\$ 4,500,000	900
	Objective 3 Total	\$ 2,250,000	\$ 2,250,000	\$ 4,500,000	900
Grand Total		\$ 46,900,000	\$ 391,592,693	\$ 438,492,693	28,640

Figure 4. Objectives, Products, and Funding

The following describes the portfolio of tools and products to be deployed by CR3.

Green Loan Program. This type of program will continue as long as unsecured financing options are attractive to consumers. The expectation is that as the market increases there will be additional entrants who will drive down the cost of borrowing. At the same time, contractors will be willing to make an investment in reducing the interest rate charged because access to this financing mechanism will be a competitive advantage. Finally, additional data on expected savings will be more accurate because of the increased access to information, providing both the borrower and the lender better data with which to justify the use of this financing tool.

New Market Tax Credits. The funding has already been identified for Phase I of this pilot outside of this application, and construction will begin in the second quarter of 2010. \$5,000,000 of the proposed funding from this grant will be used to begin Phase II of the pilot, leveraging another \$25,000,000 comprised of allocations of New Market Tax Credits possibly from the City of Chicago or future allocations to Shorebank, private dollars, utility dollars, and foundation support. These pilots will yield data on how energy savings can be used as security for energy efficiency loans to set up privately funded loan funds for multi-family retrofits.

Energy Efficiency Rating Incentive Financing. Sustainability is accomplished by having a group of Home Performance with Energy Star contractors that will hone their skills under this program. Once this cohort is trained, they will develop their own businesses based on the success of projects completed during the grant period.

On Bill Financing. This program is legislated to continue through the various State Energy Efficiency Portfolio Standards well beyond the life of the current proposal.

Multi-Family Loan Pool. This loan pool will serve five preservation developments, providing energy conservation retrofits to 628 units of affordable rental housing. As these loans are repaid, the loan pool may generate additional resources to reinvest in energy projects.

Energy Savers. The expectation is that as the model is refined through the grant period, it can be rolled out to additional financial institutions outside of the current community investment organizations. With an additional three years of transactions, the refined model will be attractive to private market players as a revenue-generating tool that can be easily scaled.

Loan Loss Guarantee. The loan loss guarantee program will not only attract lenders to the commercial building market but will also involve rigorous data collection on the performance of these loans. The data will be made publicly available at the end of the three-year loan guarantee period. The data will help build a track record of loan performance in this market and will, therefore, allow lenders to better underwrite the energy savings resulting from these types of projects in the future.

Municipal Lease. The expectation is that at the end of the grant period, the market will have sufficiently recovered to the point that lending institutions will be more willing to participate. At the same time, municipal building managers will be more willing to undertake these projects because of the experience that they gained.

Property Assessed Clean Energy (PACE) Bond Funding. The expectation is that the PACE program can be set up to include small fees to the administrator that pay for the administrative costs, allowing the program to pay for itself. We will set up the program to ensure ongoing sustainability.

Employer Assisted Retrofit Financing. Transitioning from the EECBG to the employer's own funds for this program, with the tax credit incentive, will provide long term sustainability. The existing Employer Assisted Housing program is a proven model that is easy and affordable to administer. Once the legislation is expanded to include retrofits, employees will see the economic benefits and employers will have yet another incentive to offer.

Goal 3: Increasing Access to a Trained Workforce

CR3 focuses on supporting fixed cost investment for workforce projects. Similar to other workforce initiatives in other sectors, the Energy Works program will be sustained long-term through payments by those that derive the most benefits: the companies and individuals that are actively participating. Because both the fixed costs were substantially paid for and the program builds off of the City of Chicago and other regional job programs, the overall cost for maintenance and operation of Energy Works will be significantly diminished.

CR3 will leverage the current green jobs initiatives, and specifically partner with the leading workforce development organizations and training agencies (including community colleges) to develop and introduce a comprehensive training curriculum for both contractors and workers. By paying for the fixed costs of developing the Energy Works program, the local workforce development agency will be able to create an economically viable model that is sustainable in the long term.

Criterion 2: Project Impact

The components of this proposal have been crafted to support market transformation by overcoming the identified barriers to growth, which in turn will accelerate market emergence and leverage the benefits of economies of scale. To ensure that market development is truly sustainable, it is vital to ensure that consumers realize the economic benefits from retrofits, and that retrofit costs do not contribute to financial hardship, foreclosures, and mortgage defaults. This will be achieved by consumers having access to reliable information, cost-appropriate financial products, and high quality installation resulting in the expected savings necessary to substantiate the economics.

The online information system will be essential to driving demand generation, and will equip building owners with the information needed to make responsible decisions regarding the cost of retrofit activities and the expected savings. The financing products funded in this proposal will be managed by established financial entities with responsible lending policies and consumer protection measures. Only qualified

applicants will be approved for financing and energy efficiency measures will be installed by qualified installers to ensure retrofits are successful. Additionally, the EECBG funds will make the capital more affordable, allowing more people to invest in energy efficiency.

CR3 will result in a viable local retrofit market that maximizes the number of retrofits throughout metropolitan Chicago, is economically sustainable in the region for years to come, and is scalable and replicable elsewhere. This will be achieved through implementing key activities in high-impact geographies with the goal of achieving measurable impact and an increase in the percentage of retrofits among the existing residential, commercial, industrial and public building stock **from the current 1% to an anticipated 10%**. By using a combination of regional tools and specific pilots in selected locations, CR3 will develop a detailed implementation strategy that is easily replicable. CR3 also expects to support retrofit techniques that will result in an average of 30% energy savings, 6,200 jobs and significant local economic benefits.

CR3 implementation will permanently transform the market by growing consumer demand, reducing transaction costs, establishing sustainable financing mechanisms, and supporting workforce development. This will increase the economies of both scale and scope by providing organizing tools to bring together the currently fragmented resources in the marketplace. In addition, the proposed marketing strategy component will effectively communicate program successes through high-visibility channels.

CR3's proposed activities are based on extensive qualitative and quantitative research as described in section one, which increases credibility and confidence of the projected impact. Please see the Impact Table in Appendix G.

Criterion 3: Project Approach

The CR3 goals focus on addressing key market barriers as identified by the Council on Environmental Quality Task Force. A series of well-defined objectives and tasks will provide comprehensive information systems, multiple financial products, and an organized workforce—all designed to facilitate significant market transformation that will sustain itself after the funding period is over. None of this is possible without a sound management strategy and implementation plan, capable leadership, engagement with key partners, and a commitment to monitoring/evaluation to allow for continuous improvement. CMAP will serve as the grant administrator and, as the official regional planning agency, is equipped to handle the programmatic thrusts of CR3. In addition, the strategy will be overseen by the CR3 Steering Committee, a group of influential partners from the utility, government, and non-profit sectors. Below is the approach to developing CR3, followed by the management approach designed to carry out and meet the goals of the project.

General Project Approach

The creation and operation of each aspect of CR3 will be competitively bid based on an RFP process administered by CMAP. The implementation plan and oversight will be conducted by an oversight organization, either within CMAP or the Implementation Agency. Strategic guidance will originate from the CR3 Steering Committee based on the CR3 goals and objectives, which rely on well-defined methods, objective deliverables, and realistic milestones. Refer to Section 2 for additional details.

Outreach and Marketing Strategy. Outreach and marketing strategies are contained as part of the “increasing access to information” tenet of CR3. Specifically, the plan will use a holistic marketing outreach approach that leverages a combination of communication channels to maximize message penetration. These include a dynamic information system, a broad-scale marketing campaign, and targeted deep-dive campaigns into specific neighborhoods using CBOs and trade organizations that will be driven by ethnographic research and business surveys to maximize impact.

Implementation and Delivery Plan. CR3 will leverage existing relationships and organizations to develop in-depth RFPs that will be used to engage the best service providers for each initiative. The strategy will focus on all major building segments: single family residential, multi-family residential, small commercial/industrial, large commercial/industrial and public/institutional buildings. Services will look to combine electricity and natural gas saving technologies and techniques to ensure that each decision-maker has the full complement of possible measures.

Geographic Target. While activities and products will be implemented across the entire seven-county region and Rockford, CR3 will also carry out in-depth activities in six neighborhoods such as leveraging CBOs, intensive marketing and awareness campaigns, and implementing local workforce development strategies. Three of these neighborhoods will be within Chicago, one in Rockford, and two in Chicago suburbs. Pilot areas will be determined using specific selection criteria aimed at identifying geographies that have the greatest expected impact while at the same time looking to diversify the types of communities to obtain the best data set for future replication. Possible criteria include diverse income and population demographics, energy consumption, transit accessibility, energy efficiency infrastructure, diversity and age of building stock (Figure 5, for example).

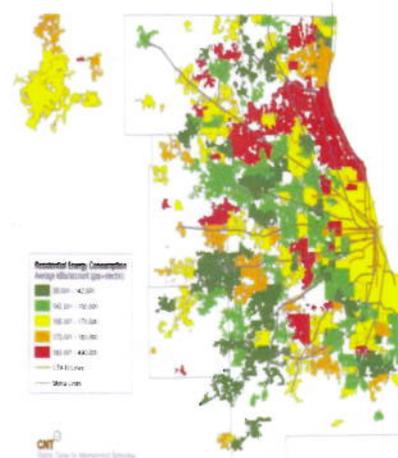


Figure 5. Municipal Energy Consumption

Specific Project Approach

CR3 leverages the research from the Chicago Climate Action Plan, CMAP’s *GO TO 2040* plan, and other strategies, and each of the three tenets was specifically designed to address the most significant market barriers that are impeding market transformation. Figures 6 and 7 show specifically how CR3 goals will be reached.

Section 4 (Project Plan and Timetable) illustrates how these objectives will be met, as well as expected deliverables and milestones. The overall goals, supporting objectives and individual tasks for each objective detail a sound approach designed to transform the retrofit market in the Chicago region.

(CR3) Partners Aligned Around Common Goals
Coordinated initiatives benefiting all building sectors

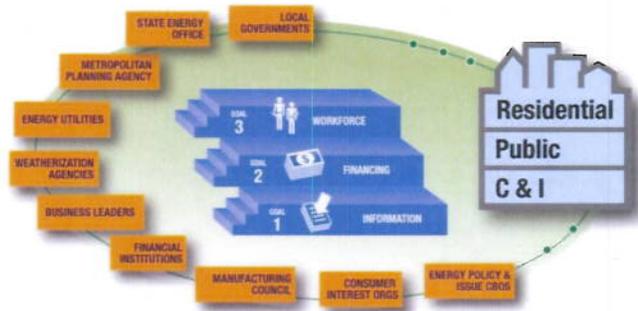


Figure 6. Alignment with Goals

Project Management Strategy

This proposal incorporates a shared management approach to ensure that policies and procedures will be developed by an array of stakeholders who are wholly committed to developing a successful, comprehensive, and sustainable approach to energy retrofits for the Chicago region.

CMAP will serve as the lead agency for the deployment of CR3. CMAP will be responsible for tasks including but not limited to: grant execution, reporting and compliance to DOE, draw downs, payouts & finances, program development and strategic planning, competitive procurement processes, development of project selection criteria for high impact marketing efforts, management of steering committee and program Implementation Agency and compliance with all federal regulations in accordance with the ARRA EECBG program.

The Steering Committee will coordinate closely with CMAP on program development and provide strategic guidance and accountability for implementation. Membership currently includes leaders from the local natural gas and electricity utilities, the Illinois Department of Commerce and Economic Opportunity (DCEO), CEDA, the Northern Illinois Energy Project, and the City of Chicago. Additions to the Steering Committee will be made to ensure adequate representation of stakeholder groups, including CMAP. The Steering Committee will play a lead role in program development and strategic planning, proposal review & selection, reviewing progress and performance monitoring and making recommendations for corrective action. The Steering Committee will also leverage technical advisory experts in weatherization, building science, ethnographic research, and market transformation among other disciplines to ensure that the plan is implemented and updated to maximize impact.



Figure 7. Project Organization

The Implementation Agency will be selected for daily management of program implementation. This agency will be a sub-grantee from CMAP selected through a competitive bid process or may be staffed within CMAP. This entity, reporting directly to CMAP and under the advisement of the Steering Committee, will be responsible for tasks including but not limited to: program development and strategic planning, project management and oversight of all grant sub-recipients, project reporting, compliance and monitoring of sub-recipients, and compliance with all federal regulations in accordance with the ARRA EECBG program. CMAP will sub-contract with sub-recipients for program implementation and deployment as needed. Sub-recipients may include: technical assistance providers, trade groups, businesses, workforce and residential associations, community-based organizations, educational institutions, local government, web developers, customer service experts, marketing and communications specialists, contractor training organizations, weatherization providers, financial intermediaries and institutions. This structure is consistent with the Chicago Strategy’s Retrofit Steering Coordinator.

Funding Structure and Monitoring. CMAP will oversee the funding structure for this grant. This proposal offers a multi-dimensional monitoring plan to ensure compliance with the program goals, EECBG regulations and other federal laws and requirements. Direct project compliance monitoring will be carried out by CMAP and its administering entities, under the advisement of the steering committee. The objective of the CR3 monitoring plan will be to ensure that all sub-grantees are:

- Achieving the work plan milestones and deliverables for each of the program goals and objectives as per the work plan (see Section 4 (Project Plan and Timetable)).
- Carrying out projects as described within the EECBG application and any sub-grantee agreement.
- Carrying out the EECBG activities in a timely manner sufficient to meet all expenditure requirements.
- Charging costs to the activities which are eligible under the EECBG regulations.
- Complying with other applicable laws, regulations, and terms of all EECBG agreements.
- Maintaining proper record keeping practices to allow full review of all activities by CMAP and DOE.
- Conducting the program to minimize the opportunity for fraud, waste, and mismanagement.

Sub-grantees will be monitored through a site visit at least once during each program year. At its discretion, CMAP will increase diligence through onsite visits as often as deemed necessary to ensure compliance with all Federal requirements. Length and complexity of the activity, as well as the experience and capacity of the sub-grantee, are considered. CMAP reserves the right to re-distribute

funds across activities, sub-grantees, and to assign additional administrative responsibilities as needed based on the advisement of the Steering Committee.

Evaluation. CR3 will be evaluated regularly by a third party to be contracted by CMAP and its administering entities, under the advisement of the Steering Committee. Different from monitoring project compliance, evaluations will examine project impact in the region on a regular basis. The objective of the CR3 evaluation plan will be to document:

- Number of customers assisted by the information center
- Number of audits conducted to measure pre and post-retrofit energy consumption, including by sector
- Total retrofits in process and completed, and financing tools utilized, in total and by sector
- Total number of workers trained and number of workers employed
- Total amount of contractors engaged in the contractors network

During the first year, monthly evaluation reports containing these progress numbers will be prepared by CMAP as obtained from sub-grantees and shared with the Steering Committee. If numbers in consecutive reports indicate need for action to ensure annual and overall goals, the Steering Committee will discuss the problems and potential causes and make programmatic recommendations to be carried out by CMAP and sub-grantees. After the first year, evaluation reports will be quarterly. All reports will be aligned and in compliance with ARRA reporting requirements.

Continuous Improvement and Sustainability. The following principles form a structure to monitor program development:

- Utilize an optimized, portfolio-based approach, focusing on collaboration and continuous improvement.
- Maximize program efficiency while balancing the need to serve low-income customers, create jobs, and prevent foreclosure.
- Invest in indirect efforts to transform the market and provide enabling infrastructure.
- Develop a self-sustaining strategy that, with appropriate financial mechanisms and targeted information to both supply and demand participants, will live well past the initial funding period.

Executing a process of continuous improvement will facilitate progress toward accomplishing CR3 goals

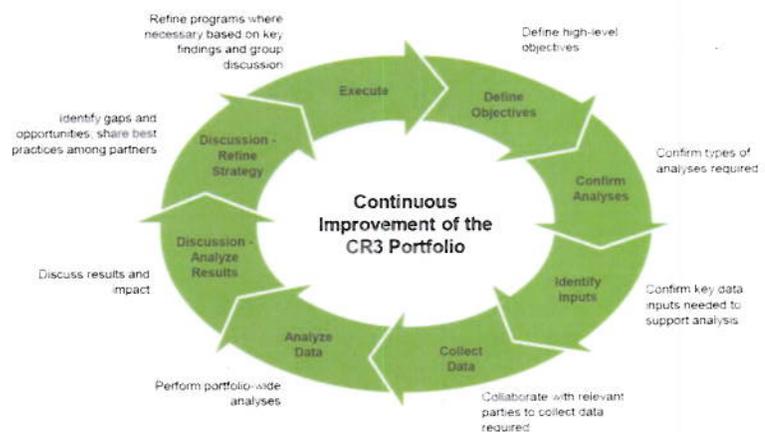


Figure 8. Continuous Improvement Process (Booze & Co.)

Monitoring/verification plan. Monitoring and verification of each program goal and objective will be routinely conducted as part of the continuous improvement plan. The monitoring and verification of energy savings will be integrated into the CR3 Internal Measurement system, making it nimble in terms of making course corrections as problems arise. CMAP and its partners understand the value of investing in a high quality system in conjunction with the utilities, which benchmarks baseline energy consumption by building category (already developed), targets resources to the most energy intensive building stock, and measures and verifies energy savings moving forward. This system will provide multiple efficiency metrics for each building category. The system will be structured to provide similar metrics to the national DOE datasets, the Residential Energy Consumption Survey (RECS) and the Commercial

Building Energy Consumption Survey (CBECS). Rather than a survey that provides information after the fact, the CR3 Internal Measurement System will get real-time energy bill data from the utilities.

The overall goal of market transformation will be measured by evaluating the number and price of retrofit transactions in the market over time. In addition, standard marketing metrics (e.g., penetration, brand recognition) will be used to determine the impact of the broad and targeted marketing campaign. CR3 will also leverage CMAP's existing Regional Indicators Project to measure general environmental factors to track progress and verify impact. CR3 will also track sales volumes and number of contractors to understand how and where market emergence is taking place.

National Environmental Policy Act (NEPA) Review. CMAP staff and the Implementation Agency will use existing relevant policies and create additional measures as necessary to address environmental, health and safety, permitting, and compliance issues, sufficient to support DOE's review in accordance with NEPA. CR3 will also leverage the expertise of Steering Committee members, including the City of Chicago Department of Environment, and will engage qualified third parties where necessary. Please see the NEPA Form in Appendix C.

Criterion 4: Partnership Structure and Capabilities

CR3 will build on relationships that have already been developed through the CCAP, the Retrofit Strategy, and *GO TO 2040*. CR3 will broaden this to include other government agencies, private sector entities, utilities, and non-profit organizations. Key stakeholders are described below.

Steering Committee Members

Lead Agency. CMAP was created by state legislation in 2005, merging the region's transportation and land-use planning entities. CMAP has direct experience administering large federal grant programs and assuring compliance. CMAP currently coordinates several federal programs such as the Neighborhood Stabilization Program in conjunction with local government agencies. Recently CMAP released two reports, the Regional Energy Analysis and the Chicago Region Emissions Inventory and Forecast, which provide a baseline portrait of energy consumption and emissions across the region. CR3 is a clear next step in moving forward to strategically decrease consumption and emissions.

Utility Partners. ComEd is the sole electric utility in the region, while there are three natural gas utilities: Peoples Gas (primarily in Chicago), North Shore Gas (Lake County and parts of northern Cook County), and Nicor (primarily in the other five counties and Rockford). Each utility already has a mandated State Energy Efficiency Portfolio Standard, and CR3 offers an opportunity to coordinate with other partners while capitalizing on this comprehensive approach to achieve economies of scale and scope.

City of Chicago. As the largest municipality in the region and one of the most active in energy and climate issues, the City brings expertise and influence to CR3, along with a notable portfolio of existing energy efficiency projects in residential, commercial, industrial and public building sectors to inform a large-scale regional strategy. Further, the implementation goals of the CCAP ground a comprehensive retrofit strategy in solid research and analytics. In addition, the City has been a nationally recognized leader in workforce development and retrofits, having completed over 30 million square feet of public buildings over the past ten years.

Community and Economic Development Association of Cook County (CEDA). CEDA is the largest weatherization service provider in the country, having developed a program for low-income households in Chicago and suburban Cook County. CEDA's proven techniques and expertise in program design and implementation are helpful in developing a regional strategy and implementation planning.

Illinois Department of Commerce and Economic Opportunity (DCEO). DCEO houses the State of Illinois' energy efficiency programs and provides a state and national perspective on energy efficiency.

Northern Illinois Energy Project (NIEP). NIEP was created specifically to develop and administer innovative programs to promote energy conservation and reduce electricity costs for residential ComEd customers. As a partnership between the Illinois utility consumer advocacy group Citizens Utility Board (CUB), the City of Chicago and the Cook County State's Attorney Office, NIEP is funded through a legal settlement of several regulatory cases with ComEd.

Additional Project Partners

Center for Neighborhood Technology (CNT). CNT has conducted extensive data analysis, combining utility data with tax assessor and transportation data to establish a regional data platform, which provides an initial baseline that can be used for strategy design and on-going performance monitoring. They are also a major partner in the Energy Savers program.

Chicago Manufacturing Center (CMC). CMC is a nonprofit agency whose mission is to innovate and deliver value-creating services for manufacturers across the Chicago region. CMC is an expert partner in engaging large scale commercial and industrial businesses in the Chicago Strategy.

Chicago Jobs Council (CJC). CJC is a membership-based coalition of community-based job training organizations, advocacy groups, businesses and individuals working toward ensuring access to employment and career advancement opportunities for people living in poverty. CJC's work includes advocacy, applied research, and capacity building, and can help prepare for and facilitate growth in jobs.

Clinton Climate Initiative (CCI). The CR3 Steering Committee is working in partnership with CCI, a program of the William J. Clinton Foundation, to design and implement building energy efficiency retrofit projects that create jobs and measurable reductions in GHG emissions. CCI works with finance, industry, government and building partners to overcome market barriers and develop financially sound solutions that accelerate the growth of the global building efficiency market. CCI is action-oriented and is focused on measurable results.

Government Partners. In addition to the City of Chicago, the City of Rockford and the counties of Cook, DuPage, Kane, Kendall, Lake, McHenry and Will are partners in CR3 development and implementation.

Midwest Energy Efficiency Alliance (MEEA). MEEA is a collaborative network of members in various sectors that seeks to advance energy efficiency in the Midwest. MEEA's experience with training and certification will be useful in the development of a regional network of qualified contractors.

Environmental Law and Policy Center (ELPC). ELPC is the Midwest's leading public interest environmental legal advocacy and eco-business innovation organization. ELPC's leadership was crucial for the recently passed State Energy Efficiency Portfolio Standard legislation.

Universities and Research Organizations. Northwestern University and The Field Museum will provide ethnographic and communications-related research and analysis.

Financial Partners. CR3 will rely on financial partners familiar with the region, equipped with the appropriate financial tools and knowledge to serve all sectors and sub-sectors that will result in an integrated, comprehensive retrofit strategy. In that respect, seasoned local agencies, such as the Community Investment Corporation, Chicago Community Loan Fund, and Illinois Facilities Fund, in addition to global financiers such as GE Capital, will help establish revolving loan funds, loan loss reserves, and other products.

Workforce Development Partners. The workforce development component of CR3 will involve a wide-range of partners, including the region's workforce boards, community colleges, businesses, community action agencies, community-based organizations, non-profit organizations and organized labor.

Section 3: Project Plan and Timetable

CR3’s primary focus is to invest in infrastructure development so that projects created during the grant period will continue to operate after the funding has been extinguished. CMAP’s commitment to implementing the *GO TO 2040* plan and the City of Chicago’s Climate Action Plan ensures that the CR3 initiatives will continue as part of the region’s long-term energy efficiency strategy. As discussed in Criterion 4 above, the CR3 organizational approach will facilitate success by relying on a combination of sound planning, strong partnerships, and continuous improvement. Figure 9 shows the quarterly spend plan and Figure 9 depicts the detailed work plan.

	Year 1, by Q				Year 2, b Q				Year 3, b Q				Total
	1	2	3	4	1	2	3	4	1	2	3	4	
Information Systems	2.375	2.075	2.075	2.075	1.075	1.075	0.875	0.575	1.1	1.1	0.6	0.6	\$ 15.6
Financial Tools	6.566	3.075	3.075	3.075	3.466	3.075	3.075	3.075	5.1	5.1	5.1	4.12	\$ 47.9
Workforce	0.475	0.475	0.475	0.475	0.25	0.25	0.25	0.25	0.275	0.275	0.275	0.275	\$ 4.0
Admin, Mgmt	0.625	0.625	0.625	0.625	0.625	0.625	0.625	0.625	0.625	0.625	0.625	0.625	\$ 7.5
Total													\$ 75.0

Figure 9. Quarterly Disbursement Plan (includes \$1.0 million in evaluation measures for each goal)

Access to Information	Year 1	Year 2	Year 3
Tasks	<ul style="list-style-type: none"> Identify contractors, partners, and supporting organizations Define content and capabilities of website, build set of tools, resources and backend databases Create marketing and branding strategy Select, train and launch programs with lead CBO’s in 6 communities Launch marketing campaign Finalize & launch websites and marketing strategy Select measurement/ assessment products 	<ul style="list-style-type: none"> Site-up grades- add new capabilities Develop home energy scoring system Integrate all aspects of CR3 into the community (tools, financing, marketing, workforce) Marketing efforts under way in neighborhoods Continue marketing campaign Continue to add user content Up-grade audit & monitoring tools Distribute in target communities and Energy Works sites 	<ul style="list-style-type: none"> Upgrade sites adding new capabilities Develop and deploy sustainability plan Fully document and evaluate information system models Plans to scale up CR3 activities in place and ready for deployment Pilot home rating system in target communities Improve functionality and promote usage of all tools Roll-out home energy scoring system
Milestones	<ul style="list-style-type: none"> Partners signed on/ contract w/ CMAP Ethnographic research completed Marketing and brand developed Information center infrastructure developed Website content & design completed Website launched Call Center set-up & launched CBO’s, trade orgs. deployed for marketing 	<ul style="list-style-type: none"> All partners are fully engaged in web systems Contractor database fully functioning Marketing campaign drives consumers to CR3 website 	<ul style="list-style-type: none"> Develop cost sharing model Documentation developed for replication in other communities Transition to sustainability
Decision Points	<ul style="list-style-type: none"> Tools and partner sites to be linked to the CR3 site Appropriate design, content and branding Determining target neighborhoods 	<ul style="list-style-type: none"> Changes that should be made based on user data, market changes, and partner needs Additional content and partner needs Impact of targeted marketing strategies 	<ul style="list-style-type: none"> Changes that should be made based on user data, market changes, and partner needs Develop and deploy cost share model for continued success
Deliverables	<ul style="list-style-type: none"> Chicago Regional Retrofit Website Marketing campaign launched through major media channels Deep targeting outreach strategies deployed 	<ul style="list-style-type: none"> Website w/ continual updates Marketing continues through partner networks Continue deep target outreach 	<ul style="list-style-type: none"> Cutting edge building analysis models incorporated into the information system Continually updated content Cost sharing model implementation begins
Outcomes	<ul style="list-style-type: none"> 5,000 users on CR3 website Increased up-take of retrofit activities Increased awareness of retrofits Utilities & providers work together to provide comprehensive retrofits Community awareness events in each target area 	<ul style="list-style-type: none"> 10,000 users on web Streamlined retrofit process Increased uptake of retrofit activities in all sectors Agencies have more capacity More audits conducted in less time Self assessment for homeowners created CR3 campaign visible around the region 	<ul style="list-style-type: none"> 20,000 users on website 10% targeted geography goal reached of all buildings in the community have been retrofitted Scoring system results appear on Multiple Listing Service More audits and self assessments conducted

Access To Capital	Year 1	Year 2	Year 3
Tasks	<ul style="list-style-type: none"> Identify financial partners for each building sector Develop financial products Develop appropriate marketing materials that are aligned with campaign Set-up financial mechanisms by sector Create portfolio management system Implement continuous evaluation and data collection Explore innovative financing tools including on-bill and PACE 	<ul style="list-style-type: none"> Outreach to consumers through trusted partners Product lending & adjustments Integrate products into information system Integrate products into marketing campaign Manage portfolio Continuously evaluate and collect data Document & develop sustainability plan 	<ul style="list-style-type: none"> Outreach to consumers through trusted partners Product lending & adjustments Integrate products into information system Integrate products into marketing campaign Portfolio management Continuous evaluation and data collection Create case studies to demonstrate savings were realized to pay back loans Deploy long-term sustainability plan
Milestones	<ul style="list-style-type: none"> Sub-contracts executed for each financial tool Rules and regulations of lending created Marketing material created Outreach and lending begins Evaluation measures are firmly in place 	<ul style="list-style-type: none"> Lending Continues Adjustments and made as needed to adapt to changing market place Results are firmly documented Add or adjust products as needed 	<ul style="list-style-type: none"> Sustainability plan completed Viable financial product are being fully utilized by all building sectors
Decision Points	<ul style="list-style-type: none"> Tools that are most successful in marketplace Optimal product delivery mechanisms Determining the product with the best return Transaction cost reduction options 	<ul style="list-style-type: none"> Evaluation of success measures in the near term How to best adjust as needed How to get the market to adopt and sustain lending products Transaction cost reduction options 	<ul style="list-style-type: none"> To adjust or reallocate funds to programs succeeding the marketplace How to recapitalize loan pools etc. How to get the market to adopt and sustain lending products
Deliverables	<ul style="list-style-type: none"> Financial products available for all building sectors (some income based) 	<ul style="list-style-type: none"> Financial products available for all building sectors (some income based) 	<ul style="list-style-type: none"> Financial products available for all building sectors (some income based)
Outcomes	<ul style="list-style-type: none"> 5,728 Units Retrofit Reach lending goals, low defaults 	<ul style="list-style-type: none"> 8,592 Units Retrofit Reach lending goals, low defaults 	<ul style="list-style-type: none"> 14,320 Units Retrofit Reached lending goals, low defaults Lending products remain sustainable
Access to Workforce	Year 1	Year 2	Year 3
Tasks	<ul style="list-style-type: none"> Identify contractors, partners, and supporting organizations Define contractor certification standards Develop training course materials Develop process for certification for contractors and workers Work with information systems to create contractor & employee database Develop Energy Works components, infrastructure, hire staff 	<ul style="list-style-type: none"> Standardized training begins Information systems connects contractors with building owners and financial institutions Energy Works staffed and running Contractor database developed Implement contractor certification process 	<ul style="list-style-type: none"> Build contractor consumer feedback functionality into website Refine training curriculum to meet market demands Develop sustainability plan for Energy Works
Milestones	<ul style="list-style-type: none"> Sub-contracts executed for workforce providers Training certification standards established Regional training center identified Certification materials created Outreach material created and integrated into information systems Energy Works infrastructure established 	<ul style="list-style-type: none"> A certification process is in place and training center is functioning Information systems are able to connect workforce to training opportunities Information systems connect contractors with building owners and financial institutions Marketing Energy Works continues 	<ul style="list-style-type: none"> An efficient information system is fully functioning An efficient training program is fully functioning Contractor database provides feedback
Decision Points	<ul style="list-style-type: none"> Appropriate certification standards Connecting job training opportunities with information systems Location of regional training center Location of Energy Works 	<ul style="list-style-type: none"> How to best connect consumers to contractors How to build in measures that lead to consumer confidence How to ensure a high quality retrofit results from certifications 	<ul style="list-style-type: none"> How to keep Energy Works sustainable through other resources
Deliverables	<ul style="list-style-type: none"> Regional certification standard Certification training process Contractor Information integrated into other CR3 programs 	<ul style="list-style-type: none"> Contractor database populated Energy Works opens Regional contractor training center opens 	<ul style="list-style-type: none"> Contractor rating system Contractor database Energy Works Center Regional contractor training center Transition to WIA One-Stop plan

Access to Workforce	Year 1	Year 2	Year 3
Outcomes	<ul style="list-style-type: none"> ● 2,364 jobs created or retained ● Contractors have access to a pool of skilled workers ● Workers have one place for training, employment and other resources ● Training institutions and workers are clear about which standard to use ● Both contractors and employees are connected to other CR3 efforts 	<ul style="list-style-type: none"> ● 1,668 Jobs created or retained ● Publically funded contracts released with certification requirements included ● Contractors have access to a pipeline of trained workers ● Workers find jobs via Energy Works ● Lower transaction costs ● Energy Works clients benefit from a range of CR3 products such as new auditing tools and marketing techniques 	<ul style="list-style-type: none"> ● 2,168 Jobs created or retained ● Consumer trust is built by have a certified contractor system ● Contractors, workers, and building owners are connected and rely on CR3 and Energy Works for making connections ● Lower transaction costs ● Energy Works clients benefit from a range of CR3 products such as new auditing tools and marketing techniques

Section 4: Relevance, Outcomes, and Impacts

CR3 is designed to fundamentally transform the energy efficiency retrofit market in the Chicago region. This sustainable market emergence will be achieved by addressing the barriers that affect all market players, yet will not be addressed organically in the near term without additional funds. CR3 will not only make retrofit transactions more efficient, but also create new jobs and drive overall economic growth in the region. The CR3 methodology will also drive the creation of an implementation plan that can be replicated and scaled.

These goals are made achievable by leveraging the significant investment that has been made by the City of Chicago, CMAP, and other partners to research, analyze and develop robust strategies to address the challenges of creating a long-term sustainable retrofit market. Overall success will not be judged solely by how many retrofits take place over the grant period, but instead by also capturing the long-term activity that will be generated through a more efficient retrofit market. CR3 will also be sustained by the changes that it creates in consumer perception of retrofits, which will drive private market demand. The goals and objectives of CR3 are directly aligned with those of this funding opportunity.

Section 5: Roles of Participants

CMAP is the lead agency for this grant. However, as stated above, the CR3 Steering Committee will be integral in providing strategic guidance and accountability for implementation. In addition, technical advisors will be asked to consult to the CR3 Steering Committee on topics relative to their expertise. Resumes for CR3 Steering Committee members and selected technical advisors are contained in the attached resume file. CMAP will be responsible for conducting an RFP process to hire the Implementation Agency and other sub-grantees, who will report to CMAP throughout the project.

Section 6: American Recovery and Reinvestment Act of 2009

CR3 directly promotes and enhances the objectives of the American Recovery and Reinvestment Act through stimulating the economy, creating and retaining jobs, and implementing these actions expeditiously. All goals of the project relate to economic recovery and stimulation through building a self-sustaining market that generates energy efficiency retrofit demand and supply.

The CR3 Goal 3 is specifically dedicated to job creation. CR3 is estimated to create or retain 6,200 jobs that will be sustainable after the grant period. Additional support for this calculation is provided in the Project Impact Table in Appendix G. Workforce development will be achieved through the objectives previously stated of creating a workforce intermediary, developing a regional training center, and creating a certified contractors network. Workforce development partnerships have been established to assure that job growth is maximized through CR3.

Chicago Region Retrofit Ramp-Up
Leverage Letter Summary Table

Leverage:	Amount:	Purpose:
Adrian Smith and Gordon Gill Architecture	\$ 1,203,357	Development of data model and parametric model
CEDA	\$ 101,500,000	Weatherization and Technical Assistance
Center for Neighborhood Technology	\$ 2,000,000	Technical assistance, energy auditing, energy analysis and retrofitting multi-family
Chicago Housing Authority	\$ 139,000,000	Federal and private equity
Chicago Jobs Council	\$ 340,000	Coordination, communication, strategy and planning for workforce initiatives
Chicago Transit Authority	\$ 318,000	TOD planning
Chicago Workforce Investment Council	\$ 5,222,475	Retrofit worker training (\$5.1 million pending amount)
Citizen Utility Board	\$ 500,000	Energy Saver Tool
City of Chicago	\$ 50,249,000	EECBG, Green Job Work Experience & Job Training, Climate Communities, Settlement Funds
ComEd	\$ 247,000,000	Retrofit incentives and programs
Community Investment Corporation	\$ 3,500,000	Multifamily Energy Retrofits
Cook County	\$ 133,500,000	EECBG , bond/leasing,
Kane County	\$ 2,469,100	Formula EECBG for energy plan, retrofits, loan fund, training, and transportation
Lake County	\$ 5,198,351	Formula EECBG for County Facilities
Lake County Weatherization	\$ 3,677,244	Includes state funds, DOE funds, HHS funds, and ARRA funds
Neighborhood Housing Services of Chicago	\$ 5,000,000	Loan funds
People's Gas/ North Shore Gas	\$ 31,200,000	Energy Efficiency Portfolio
Public Building Commission	\$ 6,500,000	Private Financing for the Richard J Daley Center conservation measures
Regional Transportation Authority	\$ 28,000,000	Planning, Capital and Operating Projects
Shorebank	\$ 25,000,000	New Market Tax Credits
The Field Museum	\$ 275,000	Research & Capacity Building for Energy Action Network
The Northern Illinois Energy Project	\$ 4,000,000	Fund a low-interest financing mechanism for retrofits and web-based approaches
Wells Fargo	\$ 100,000,000	Lending to commercial and public
Will County	\$ 15,694,200	Retrofits to public buildings, industrials buildings, low-income HH & street lights

Sub total: \$ 911,346,727

Chicago Region Ramp-Up
Support Letter Summary Table

Letters of Support:
Blaylock Robert Van LLC
Chicago Climate Exchange
Chicago Community Loan Fund
Chicago Community Trust
Chicago Federation of Labor- Workers Assistance Committee
Chicago Manufacturing Center
Chicago Metropolis 2020
Chicago Metro Workforce Boards
Chicagoland Laborers' Training and Apprentice Fund
City Colleges of Chicago
City of Chicago
City of DesPlaines
DuPage County
Electric & Gas Industries Association (EGIA)
Hannon Armstrong
ICLEI Global
Illinois Institute of Technology
Lake County Municipal League
Lowe's
McHenry County
Metropolitan Mayors Caucus
Metropolitan Planning Council
Orland Park
Preservation Compact
Renewable Funding- PACE
Saulsbury Hill Financial
Schaumburg
South Suburban Mayors and Managers
U.S. Congressional Delegation
University of Illinois at Chicago
Workforce Boards of Metropolitan Chicago

ADRIAN SMITH + GORDON GILL
ARCHITECTURE

December 11, 2009

EECBG Retrofit Ramp-Up
Competitive Grant

Re: Chicago Region Retrofit Ramp-up

To Whom It May Concern:

I am writing this letter in support of the Chicago Metropolitan Agency for Planning (CMAP) and their application for EECBG Retrofit Ramp-Up competitive funding. CMAP is the lead applicant acting on behalf of the seven-county northeastern Illinois region and its local partners. The objective of the Chicago regional proposal is to build a comprehensive energy retrofit program known as the "**Chicago Region Retrofit Ramp-up**" which includes strategies to build a sustainable business model to aggressively retrofit commercial, industrial, residential, and public buildings across northeastern Illinois.

Adrian Smith + Gordon Gill Architecture ("AS+GG"), a private entity, agrees to provide services for the development and implementation of a data model and parametric model which shall shed light on the performance of our urban environments, and act as a crucial tool to enable its improvement. Please refer to the enclosed description. Through the models AS+GG shall also provide identification and guidance to potential retrofit projects and initiatives. The value of our commitment is:

Data Model and Initiatives Identification Job to Date

Job to date hours: 7,500

Job to date labor cost: \$245,149

Job to date overhead: \$328,500

Job to date expenses: \$12,108

Total job to date labor, overhead, and expenses: \$585,757

Data and Parametric Model Development

Estimated hours: 5,750

Estimated labor and overhead: \$567,600

Estimated expenses: \$50,000

Total estimated labor, overhead, and expenses: \$617,600

Grand total job to date and estimated labor, overhead, and expenses:
\$1,203,357

These resources are private resources.

+

December 11, 2009

EECBG Retrofit Ramp-Up
Competitive Grant

Page 2

This regional approach will bring together fragmented resources to create a comprehensive and accessible regional retrofit program. The EECBG Retrofit Ramp-up program funds will provide the necessary resources for program development and supportive systems, and the initial investment for financing mechanisms as an essential foundation for a comprehensive energy efficiency program. This approach will create the necessary efficiencies and economies of scale to develop a sustainable market for building retrofits across the metropolitan region for years to come.

This project is of tremendous importance to AS+GG as we are committed to providing design solutions that are highly sustainable and improve the quality of our cities today.

I strongly support the CMAP proposal and their efforts to make a significant impact on energy retrofits in the region. If you have any questions, please feel free to contact me at 312-920-1888.

Sincerely,

A handwritten signature in black ink, appearing to read 'Robert Forest', with a stylized flourish at the end.

Robert Forest
AIA, OAA, RIBA, LEED
Partner



Community and Economic Development Association
of Cook County, Inc.

208 S. LaSalle Street, Suite 1900 • Chicago, Illinois 60604
Phone: 312-795-8844 • Fax 312-795-1034

www.cedaorg.net

CHAIRMAN
BOARD OF DIRECTORS
Honorable Seth D. McCormick, Jr.

December 8, 2009

VICE-CHAIRMAN
BOARD OF DIRECTORS
Honorable Lorraine H. Morton

SECRETARY
BOARD OF DIRECTORS
Lisa K. Anthony

EECBG Retrofit Ramp-Up Competitive Grant

TREASURER
BOARD OF DIRECTORS
Honorable Joseph Freelon

Re: Chicago Regional Building Energy Efficiency System

PARLIMENTARIAN
BOARD OF DIRECTORS
Dreina Lewis

To Whom It May Concern:

PRESIDENT
CHIEF EXECUTIVE OFFICER
Robert L. Wharton

I am writing this letter in support of the Chicago Metropolitan Agency for Planning (CMAP) and their application for EECBG Retrofit Ramp-Up competitive funding. CMAP is the lead applicant acting on behalf of the seven-county northeastern Illinois region and its local partners. The objective of the Chicago regional proposal is to create a comprehensive energy retrofit program known as the **"Chicago Regional Retrofit Ramp-Up."** This program will include strategies to construct a sustainable business model to aggressively retrofit commercial, industrial, residential, and public buildings across northeastern Illinois.

Executive Committee:

Lisa K. Anthony
Deborah Carlson
Honorable Joseph Freelon
Teena D. Juergens
Dreina Lewis
Martha Martinez
Honorable Lorraine H. Morton
Honorable Seth D. McCormick, Jr.
Edward Presberry
Robert L. Wharton

CEDA is one of the largest private non-profit organizations in the country. Annually, CEDA serves more than 200,000 Cook County residents. We offer over thirty programs and services in the areas of child and family development, health and nutrition, senior citizen support, economic development, employment and job training, housing, education, and community development.

Board Members:

Honorable Saul L. Beck
Ronald Bean
Honorable Dr. Irene Brodie
Steve Brunton
Craig Chico
Michael F. Delonay
Susan L. Esses
Honorable Lisa Hernandez
Reatha Sue Henry
Crystal Jones
Brent Latta
Mark Madej
James Mattz
Mary M. McCarty
Dr. Judith-Rae Ross
Valerie D. Summers
Marion E. Stewart-Parrott
Warren D. Watkins
Gregory Wright

As the largest weatherization provider in the county, CEDA has played a key role in providing energy auditor training. In order to build on our training expertise and expand our impact, we are proposing to launch a regional training center. CEDA is an active partner and is contributing to the retrofitting buildings process by providing the following leverage towards this regional effort: \$100 million in weatherization of low-income homes and \$1.5 million in training and technical assistance related to weatherization. CEDA will also continue to serve on the Steering Committee of the Chicago Retrofit Strategy.

Member:

ILLINOIS ASSOCIATION OF
COMMUNITY ACTION AGENCIES

This approach will bring together fragmented resources to create a comprehensive and accessible regional retrofit program. The EECBG Retrofit Ramp-up program funds will provide the vital resources needed for program development and supportive systems, as well as the initial investment for financing mechanisms, which are an essential foundation for a comprehensive energy efficiency program. This will result in the creation of necessary efficiencies and economies of scale key to the development of a sustainable market for building retrofits across the metropolitan region for years to come.



NATIONAL ASSOCIATION OF
COMMUNITY ACTION AGENCIES

Helping People, Changing Lives

EECBG Retrofit Ramp-Up Competitive Grant
Page -2-
December 8, 2009

CEDA strongly supports the CMAP proposal and their efforts to make a significant impact on energy retrofits in the region. If you have any questions, please feel free to contact me at 312-795-8885.

Sincerely,



Patricia Doherty-Wildner
Executive Vice President

PDW/s

c: Robert Wharton
Seth McCormick
Marsha Belcher
Erlene Freeman

December 11, 2009



EECBG Retrofit Ramp-Up Competitive Grant

Re: Chicago Regional Retrofit Ramp-Up

To Whom It May Concern:

I am writing this letter in support of the Chicago Metropolitan Agency for Planning (CMAP) and their application for EECBG Retrofit Ramp-Up competitive funding. CMAP is the lead applicant acting on behalf of the seven-county northeastern Illinois region and its local partners. The objective of the Chicago regional proposal is to build a comprehensive energy retrofit program known as the **"Chicago Regional Retrofit Ramp-Up"** which includes strategies to build a sustainable business model to aggressively retrofit commercial, industrial, residential, and public buildings across northeastern Illinois.

The Center for Neighborhood Technology, a 30-year non-profit organization, promoting urban sustainability while focusing on energy, transportation, natural resources, economic development and climate change, agrees to provide \$ 2 million in leverage for technical assistance, energy auditing, energy analysis and energy efficiency retrofitting of the multi-family housing stock. These resources are a combination of grant funding and contract funding for the Energy Savers program.

CMAP's regional approach will bring together fragmented resources to create a comprehensive and accessible regional retrofit program. The EECBG Retrofit Ramp-up program funds will provide the necessary resources for program development and supportive systems, and the initial investment for financing mechanisms as an essential foundation for a comprehensive energy efficiency program. This approach will create the necessary efficiencies and economies of scale to develop a sustainable market for building retrofits across the metropolitan region for years to come.

CNT is committed to the regional approach and strongly supports the CMAP proposal and their efforts to make a significant impact on energy retrofits in the region. If you have any questions, please feel free to contact me at anne@cnt.org.

Sincerely,

A handwritten signature in cursive script that reads "Anne Evens".

Anne Evens, Executive Director
CNT Energy

Martin Nesbitt
Chairperson

Board of Commissioners

Hallie Amey
Deverra Beverly
Dr. Mildred Harris
Michael Ivers
Myra King
Carlos Ponce
Bridget Reidy
Sandra Young

Lewis A. Jordan
Chief Executive Officer

Scott W. Ammarell
General Counsel

December 9, 2009

Re: Chicago Regional Retrofit Ramp-Up

To Whom It May Concern:

The Chicago Housing Authority supports the Chicago Metropolitan Agency for Planning (CMAP) and their application for Energy Efficiency Community Block Grant (EECBG) Retrofit Ramp-Up competitive funding. CMAP is the lead applicant acting on behalf of the seven-county northeastern Illinois region and its local partners. The objective of the Chicago regional proposal is to build a comprehensive energy retrofit program known as the "**Chicago Regional Building Energy Efficiency System**" which includes strategies to build a sustainable business model to aggressively retrofit commercial, industrial, residential, and public buildings across northeastern Illinois.

The Chicago Housing Authority, a municipal corporation, is committing to a number of energy efficiency initiatives as part of this effort. Specifically, we will be completing the following major projects:

- **Kenmore Senior Housing Redevelopment**
LEED Silver building renovation; 100 units; \$30.6 million
- **Pomeroy Senior Housing Redevelopment**
LEED Silver building renovation; 105 units; \$32.2 million
- **West End Phase 2 Mixed-Income Redevelopment**
Enterprise Green Community, new construction 112 total units; \$39.3 million
- **Energy Performance Contract Boiler Replacement**
21 senior properties, 2 family properties and 1 community center location
\$36.1 million total cost
- **Green and Healthy Homes Audit and Plans**
All CHA owned properties will be evaluated based on current operations and maintenance practices in order to develop short, medium and long term green goals and practices. \$ 425,000 cost
- **Water and Lighting Efficiency Upgrades**
Various improvements to save water and electricity costs. \$ 400,000 cost

In sum, the CHA will commit \$139 million in projects that will improve the energy efficiency of the affordable housing stock in the City of Chicago. These resources will come from a combination of Federal and private equity sources.

This regional approach will bring together fragmented resources to create a comprehensive and accessible regional retrofit program. The EECBG Retrofit Ramp-up program funds will provide the necessary resources for program development and supportive systems, and the initial investment for financing mechanisms as an essential foundation for a comprehensive energy efficiency program. This approach will create the necessary efficiencies and economies of scale to develop a sustainable market for building retrofits across the metropolitan region for years to come.

I strongly support the CMAP proposal and their efforts to make a significant impact on energy retrofits in the region. If you have any questions, please feel free to contact me at 312.913.7040.

Sincerely,

A handwritten signature in black ink, appearing to read 'L. Jordan', with a long horizontal flourish extending to the right.

Lewis A. Jordan
Chief Executive Officer

December 3, 2009

EECBG Retrofit Ramp-Up Competitive Grant

Re: Chicago Regional Building Energy Efficiency System

To Whom It May Concern:

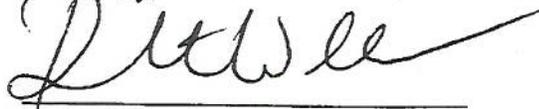
I am writing this letter in support of the Chicago Metropolitan Agency for Planning (CMAP) and their application for EECBG Retrofit Ramp-Up competitive funding. CMAP is the lead applicant acting on behalf of the seven-county northeastern Illinois region and its local partners. The objective of the Chicago regional proposal is to build a comprehensive energy retrofit program known as the **"Chicago Regional Building Energy Efficiency System"** which includes strategies to build a sustainable business model to aggressively retrofit commercial, industrial, residential, and public buildings across northeastern Illinois.

The Chicago Jobs Council, a non-profit organization, agrees to provide \$340,000 in leveraged support for this initiative. Our support includes coordination, communication, strategy and planning for workforce initiatives around green jobs, with a special emphasis on the jobs created by investments in energy efficiency retrofitting. This work includes our support of Chicago Green Jobs for All, the City of Chicago's workforce strategy that supports the Chicago Climate Action Plan, as well as our work with the Chicagoland Green Collar Jobs Initiative, a grassroots, regional initiative to support green jobs in the Chicago area. These resources are provided through support from private foundations.

This regional approach will bring together fragmented resources to create a comprehensive and accessible regional retrofit program. The EECBG Retrofit Ramp-up program funds will provide the necessary resources for program development and supportive systems, and the initial investment for financing mechanisms as an essential foundation for a comprehensive energy efficiency program. This approach will create the necessary efficiencies and economies of scale to develop a sustainable market for building retrofits across the metropolitan region for years to come. The work of the EECBG Retrofit Ramp-up program is important to the Chicago Jobs Council because it supports the creation of a comprehensive sector-based workforce development program for the Chicago region.

I strongly support the CMAP proposal and their efforts to make a significant impact on energy retrofits in the region. If you have any questions, please feel free to contact me at 312-252-0460 x 330.

Sincerely,

A handwritten signature in black ink, appearing to read "R Wordlaw", written over a horizontal line.

Robert Wordlaw
Executive Director
Chicago Jobs Council



CHICAGO TRANSIT AUTHORITY

P.O. Box 7568
Chicago, Illinois 60680-7568
TEL 312 681-3450
pfish@transitchicago.com

PAUL F. FISH
Vice President
CAPITAL INVESTMENT

December 11, 2009

To Whom It May Concern:

RE: CHICAGO REGIONAL RETROFIT RAMP-UP

I am writing this letter in support of the Chicago Metropolitan Agency for Planning (CMAP) and their application for EECBG Retrofit Ramp-Up competitive funding. CMAP is the lead applicant acting on behalf of the seven-county northeastern Illinois region and its local partners. The objective of the Chicago regional proposal is to build a comprehensive energy retrofit program known as the "Chicago Regional Retrofit Ramp-Up" which includes strategies to build a sustainable business model to aggressively retrofit commercial, industrial, residential, and public buildings across northeastern Illinois.

The Chicago Transit Authority (CTA) operates the nation's second largest public transportation system—a regional transit system that serves the city of Chicago and 40 neighboring communities. CTA provides 1.7 million rides on an average weekday, accounting for over 80% of all transit trips taken in the six-county Chicago metropolitan region.

The CTA is engaged in a number of transit-oriented development (TOD) efforts to help create more livable communities and reduce emissions from both the transportation and residential/commercial sectors. The CTA was recently awarded a Unified Work Program (UWP) grant to complete a rail station typology study to encourage transit-friendly development in the vicinity of CTA transit nodes. The CTA agrees to provide leverage in the amount of \$318,000 (the value of the UWP grant) for transit-oriented development planning and for providing analysis for target area identification.

CMAP's regional approach will bring together fragmented resources to create a comprehensive and accessible regional retrofit program. The EECBG Retrofit Ramp-up program funds will provide the necessary resources for program development and supportive systems, and the initial investment for financing mechanisms as an essential foundation for a comprehensive energy efficiency program. This approach will create the necessary efficiencies and economies of scale to develop a sustainable market for building retrofits across the metropolitan region for years to come.

The Chicago Transit Authority is committed to the regional approach and strongly supports the CMAP proposal and their efforts to make a significant impact on energy retrofits in the region.

Sincerely,

A handwritten signature in blue ink, appearing to read "Paul F. Fish", is written over a horizontal line.

Paul F. Fish



December 9, 2009

EECBG Retrofit Ramp-Up Competitive Grant

Re: Chicago Regional Retrofit Ramp-Up (CR3)

To Whom It May Concern:

I am writing this letter in support of the Chicago Metropolitan Agency for Planning (CMAP) and their application for EECBG Retrofit Ramp-Up competitive funding. CMAP is the lead applicant acting on behalf of the seven-county northeastern Illinois region and its local partners. The objective of the Chicago regional proposal is to build a comprehensive energy retrofit program known as the "**Chicago Regional Retrofit Ramp-Up (CR3)**" which includes strategies to build a sustainable business model to aggressively retrofit commercial, industrial, residential, and public buildings across northeastern Illinois. The Chicago Workforce Investment Council (CWIC), a local workforce investment board, agrees to leverage the following funding in support of energy efficiency retrofits.

Source	Amount	Use	Status
US DOL Pathways out of Poverty	\$2,167,719	Retrofit Worker Training	Pending
US DOE State Energy Sector Partnership	\$3,000,000	Retrofit Worker Training	Pending
State of Illinois Department of Commerce and Economic Opportunity	\$54,756	Green Sector Specialist	Granted for 2010

This regional approach will bring together fragmented resources to create a comprehensive and accessible regional retrofit program. The EECBG Retrofit Ramp-up program funds will provide the necessary resources for program development and supportive systems, and the initial investment for financing mechanisms as an essential foundation for a comprehensive energy efficiency program. This approach will create the necessary efficiencies and economies of scale to develop a sustainable market for building retrofits across the metropolitan region for years to come. This Retrofit Ramp-Up program is important to CWIC because it seeks to build a sustainable entry into and pathway for careers in the building retrofit industry.

I strongly support the CMAP proposal and its efforts to make a significant impact on energy retrofits in the region. If you have any questions, please feel free to contact me at (312)553-4430.

Sincerely,

Evelyn Diaz
Chief Executive Officer



Citizens Utility Board

309 W Washington St, Suite 800, Chicago, IL 60606 **Phone** (312) 263-4282 **Toll Free** 800-669-5569 **Fax** (312) 263-4329

December 8, 2009

EECBG Retrofit Ramp-Up Competitive

To Whom It May Concern:

I am writing this letter in support of the Chicago Metropolitan Agency for Planning (CMAP) and their application for EECBG Retrofit Ramp-Up competitive funding. CMAP is the lead applicant acting on behalf of the seven-county northeastern Illinois region and its local partners. The objective of the Chicago regional proposal is to build a comprehensive energy retrofit program which includes strategies to build a sustainable business model to aggressively retrofit commercial, industrial, residential, and public buildings across northeastern Illinois.

The Citizens Utility Board ("CUB") is a nonprofit, nonpartisan organization that represents the interests of residential-utility customers of Illinois. CUB is an active member of the Chicago Retrofit Steering Committee, representing consumer interests, and assuring that customers' needs are met. CUB programs include the CUB Energy Saver, an online tool that helps you save money on your bills, manage your energy use, and team up with friends and neighbors to make their communities more energy efficient.

CUB will leverage the Energy Saver tool and other services towards the regional program in the amount of \$500,000. This leverage represents existing resources that CUB has raised as part of our on-going operating budget.

This regional approach will bring together fragmented resources to create a comprehensive and accessible regional retrofit program. The EECBG Retrofit Ramp-up program funds will provide the necessary resources for program development and supportive systems, and the initial investment for financing mechanisms as an essential foundation for a comprehensive energy efficiency program. This approach will create the necessary efficiencies and economies of scale to develop a sustainable market for building retrofits across the metropolitan region for years to come.

I strongly support the CMAP proposal and their efforts to make a significant impact on energy retrofits in the region. If you have any questions, please feel free to contact me at 312-560-0929.

Sincerely,

A handwritten signature in black ink that reads "David Kolata". The signature is written in a cursive, slightly slanted style.

David Kolata
Executive Director
Citizens Utility Board



City of Chicago
Richard M. Daley, Mayor

Department of Environment

Suzanne Malec-McKenna
Commissioner

2nd Floor
30 North LaSalle Street
Chicago, Illinois 60602-2575
(312) 744-7606 (Voice)
(312) 744-6451 (FAX)
(312) 744-3586 (TTY)
<http://www.cityofchicago.org>

December 9, 2009

EECBG Retrofit Ramp-Up Competitive Grant

Re: Chicago Regional Retrofit Ramp-Up

To Whom It May Concern:

I am writing this letter in support of the Chicago Metropolitan Agency for Planning (CMAP) and their application for EECBG Retrofit Ramp-Up competitive funding. CMAP is the lead applicant acting on behalf of the seven-county northeastern Illinois region and its local partners. The objective of the Chicago regional proposal is to build a comprehensive energy retrofit program known as the "**Chicago Regional Retrofit Ramp-Up**" which includes strategies to build a sustainable business model to aggressively retrofit commercial, industrial, residential, and public buildings across northeastern Illinois.

The City remains highly committed to this initiative and will continue to play a leadership role on the Building Retrofit Steering Committee. Specifically, we will leverage the following initiatives and resources towards this application:

- Energy Efficiency and Conservation Block Grant
- (\$ 27,649,000)
- Green Job Work Experience & Job Training Program (\$2,000,000)
- Climate Communities (\$600,000)
- Settlement Funds (\$20,000,000)

The total amount of leverage from the City of Chicago is \$50,249,000.

I strongly support the CMAP proposal and their efforts to make a significant impact on energy retrofits in the region. If you have any questions, please feel free to contact me.

Sincerely,

Suzanne Malec-McKenna
Commissioner
Chicago Department of Environment



Anne Pramaggiore
President
Chief Operating Officer

Telephone 312.394.4984
Fax 312.394.3759
www.comed.com
anne.pramaggiore@ComEd.com

Commonwealth Edison Company

Mail To: P.O. Box 805398
Chicago, IL 60680-5398

December 10, 2009

EECBG Retrofit Ramp-Up Competitive Grant

Re: Chicago Regional Retrofit Ramp-up Program

To Whom It May Concern:

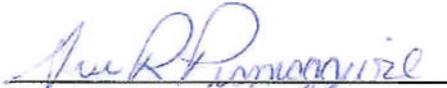
I am writing this letter in support of the Chicago Metropolitan Agency for Planning (CMAP) and their application for EECBG Retrofit Ramp-Up competitive funding. CMAP is the lead applicant acting on behalf of the seven-county northeastern Illinois region and its local partners. The objective of the Chicago regional proposal is to build a comprehensive energy retrofit program known as the **"Chicago Regional Retrofit Ramp-up Program"** which includes strategies to build a sustainable business model to aggressively retrofit commercial, industrial, residential, and public buildings across northeastern Illinois.

Commonwealth Edison Company's ("ComEd") 2008-2010 Energy Efficiency and Demand Response Plan represents a commitment by ComEd to enhance value for customers through its implementation of a robust, innovative and flexible portfolio of demand-side solutions. These solutions will deliver immediate economic benefits to customers, reduce customers' and ComEd's environmental impact and provide a platform for the emergence of a smarter delivery network. The investments we will make will strengthen the economy of Northern Illinois by supporting the growth of a local energy efficiency delivery industry, increasing consumers' disposable income and boosting the bottom lines of our business customers. Our energy efficiency goals include spending approximately \$247 million over 3 years on a mixture of incentives and programs to result in over 1,000,000 MWh of electricity savings across our customer groups and will provide leverage towards this regional proposal. We serve on the Steering Committee of the Chicago Retrofit Strategy.

This regional approach will bring together fragmented resources to create a comprehensive and accessible regional retrofit program. The EECBG Retrofit Ramp-up program funds will provide the necessary resources for program development and supportive systems, and the initial investment for financing mechanisms as an essential foundation for a comprehensive energy efficiency program. This approach will create the necessary efficiencies and economies of scale to develop a sustainable market for building retrofits across the metropolitan region for years to come.

I strongly support the CMAP proposal and their efforts to make a significant impact on energy retrofits in the region. If you have any questions, please feel free to contact me at 312-394-4984.

Sincerely,

A handwritten signature in blue ink, reading "Anne R. Pramaggiore", is written over a horizontal line.

Anne R. Pramaggiore
President & COO
ComEd



222 S. Riverside Plaza, Suite 2200
Chicago, IL 60606-6109
312.258.0070 Fax 312.258.8888

Community Investment Corporation

www.cicchicago.com

Chicagoland's Leading Neighborhood Revitalization Lender
December 9, 2009

EECBG Retrofit Ramp-Up Competitive Grant

Re: Chicago Regional Building Energy Efficiency System

To Whom It May Concern:

I am writing this letter in support of the Chicago Metropolitan Agency for Planning (CMAP) and their application for EECBG Retrofit Ramp-Up competitive funding. CMAP is the lead applicant acting on behalf of the seven-county northeastern Illinois region and its local partners. The objective of the Chicago regional proposal is to build a comprehensive energy retrofit program known as the **"Chicago Regional Retrofit Ramp-Up"** which includes strategies to build a sustainable business model to aggressively retrofit commercial, industrial, residential, and public buildings across northeastern Illinois.

Community Investment Corporation (CIC), a 501(c)3 not-for-profit corporation, agrees to provide up to \$3.5 million in funding for multifamily energy retrofits in the Chicago area. These resources are a combination of local government, philanthropic, and CIC's own corporate resources.

This regional approach will bring together fragmented resources to create a comprehensive and accessible regional retrofit program. The EECBG Retrofit Ramp-up program funds will provide the necessary resources for program development and supportive systems, and the initial investment for financing mechanisms as an essential foundation for a comprehensive energy efficiency program. This approach will create the necessary efficiencies and economies of scale to develop a sustainable market for building retrofits across the metropolitan region for years to come.

Conserving energy and reducing utility bills is of utmost importance to the preservation of affordable rental housing in the Chicago area.

I strongly support the CMAP proposal and their efforts to make a significant impact on energy retrofits in the region. If you have any questions, please feel free to contact me at 312-258-0070.

Sincerely,

John G. Markowski
President



OFFICE OF THE PRESIDENT
BOARD OF COMMISSIONERS OF COOK COUNTY
118 NORTH CLARK STREET
CHICAGO, ILLINOIS 60602
(312) 603-6400
TDD (312) 603-5255

TODD H. STROGER
PRESIDENT

December 10, 2009

U. S. Department of Energy
DOE Environmental Management
Consolidated Business Center, Cincinnati, Ohio
On behalf of the Office of Energy Efficiency and Renewable Energy

Re: EECBG Retrofit Ramp-Up Competitive Grant (Topic 1)
Chicago Regional Retrofit Ramp-Up

To Whom It May Concern:

I am writing this letter in support of the Chicago Metropolitan Agency for Planning (CMAP) and its application for EECBG Retrofit Ramp-Up competitive funding. CMAP is the lead applicant acting on behalf of the seven-county northeastern Illinois region and its local partners. The objective of the Chicago regional proposal is to build a comprehensive energy retrofit program known as the "**Chicago Regional Retrofit Ramp-Up**" which includes strategies to build a sustainable business model to aggressively retrofit commercial, industrial, residential, and public buildings across northeastern Illinois.

Cook County, a unit of local government, is providing \$133,500,000 in energy efficiency and conservation projects over the next three years. These resources are detailed below.

- Local funding of an estimated \$82,000,000 in expenditures to retrofit Cook County courthouses, hospitals and detention and other public facilities with upgraded systems and equipment projected to increase energy efficiency by 30%. These improvements will be funded through Cook County bond issues or municipal leasing as part of a guaranteed performance contracting program.
- Federal Recovery Act funding through the Energy Efficiency Community Block Grants Program, providing \$6,500,000 in funding for energy efficiency audits and retrofits, energy efficient traffic and street lighting, and energy conservation programs.



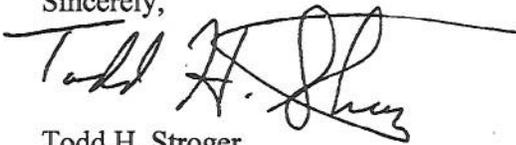
- Cook County funding for energy efficiency retrofits of existing Cook County facilities, such as courthouses, medical facilities and administrative offices. Projects planned for the next three years total over \$45,000,000. Energy efficiency projects completed within the past five years total approximately \$18,500,000.

This regional approach will bring together fragmented resources to create a comprehensive and accessible regional retrofit program. The EECBG Retrofit Ramp-up program funds will provide the necessary resources for program development and supportive systems, and the initial investment for financing mechanisms as an essential foundation for a comprehensive energy efficiency program. This approach will create the necessary efficiencies and economies of scale to develop a sustainable market for building retrofits across the metropolitan region for years to come.

The Chicago Regional Retrofit Ramp-Up, as presented by the Chicago Metropolitan Agency for Planning, is essential to Cook County as a catalyst for achieving Cook County's goal to become one of the most energy efficient counties in the nation. In 2007, Cook County became a founding member of the Cool Counties Climate Stabilization Initiative. Participating counties pledge to achieve an 80 percent reduction in emissions contributing to global warming by 2050, an average annual reduction of 2 percent. By marshaling the collective efforts of 3,066 counties, Cook County hopes to deliver a cleaner, cooler world to future generations. The Chicago Regional Retrofit Ramp-Up bolsters Cook County's efforts to develop regional approaches to enhancing the energy efficiency of the region's aging residential, commercial, public and industrial properties, and developing a workforce and contractor base to carry out these upgrades.

I strongly support the CMAP proposal and their efforts to make a significant impact on energy retrofits in the region. If you have any questions, please feel free to contact me at 312-603-6400, or you may call Anna Ashcraft, at 312-603-0305, the Chair of the Cook County ARRA Task Force.

Sincerely,

A handwritten signature in black ink, appearing to read "Todd H. Stroger", written over a horizontal line.

Todd H. Stroger
President
Cook County Board of Commissioners

Kane County Board District 10

Kane County Government Center

Thomas VanCleave
1023 Lexington Lane
Batavia, Illinois 60510
H: 630-879-6344
O: 630-444-1210
M: 630-220-2736



Kane County Government Center
719 Batavia Avenue
Geneva, Illinois 60134

Phone: 630-232-5930

December 8, 2009

EECBG Retrofit Ramp-Up Competitive Grant

Re: Chicago Regional Building Energy Efficiency System

To Whom It May Concern:

I am writing this letter in support of the Chicago Metropolitan Agency for Planning (CMAP) and their application for EECBG Retrofit Ramp-Up competitive funding. CMAP is the lead applicant acting on behalf of the seven-county northeastern Illinois region and its local partners. The objective of the Chicago regional proposal is to build a comprehensive energy retrofit program known as the "Chicago Regional Retrofit Ramp-up (CR3)" which includes strategies to build a sustainable business model to aggressively retrofit commercial, industrial, residential, and public buildings across northeastern Illinois.

Kane County, IL, a unit of local government and located within the Chicago Metropolitan Agency for Planning's jurisdictional region, is the recipient of an Energy Efficiency and Conservation Block Grant from the U.S. Department of Energy. The grant total is \$2,469,100. It is my understanding that part or all of these funds may be used as a matching source to the CMAP EECBG Retrofit Ramp-Up fund request. Kane County is implementing seven activities under its EECBG allocation:

1. An update to the Kane County Energy Plan
2. Development of an Energy Efficiency Improvements Revolving Loan Fund
3. Improvements to Kane County Facilities for Energy Efficiency
4. Development of an Energy Efficiency Building Trades Training Program
5. Improvements to Kane County's Intelligent Transportation System
6. Corridor Densification Study for Traffic Improvement and Energy Reduction
7. Improvements to Kane County's Methane Capture and Power Generation Capabilities

These seven activities will complement CMAP's proposed program to bring together fragmented resources to create a comprehensive and accessible regional retrofit program. The EECBG Retrofit Ramp-up program funds will provide the necessary resources for program development and supportive systems, and the initial investment for financing mechanisms as an essential foundation for a comprehensive energy efficiency program. This approach will create the necessary efficiencies and economies of scale to develop a sustainable market for building retrofits across the metropolitan region for years to come.

I strongly support the CMAP proposal and their efforts to make a significant impact on energy retrofits in the region. If you have any questions, please feel free to contact Karen Kosky, manager of the Energy Efficiency and Conservation Block Grant for Kane County, at koskykaren@co.kane.il.us or 630-208-8665.

Sincerely,



Thomas Van Cleave
Chairman, Energy and Environmental Technologies Committee
County of Kane, Illinois



18 North County Street - 9th Floor
Waukegan, Illinois 60085-4334
Phone 847 377-2250
Fax 847 360 6732

December 9, 2009

Annie Bryne, Associate Regional Planner
Chicago Metropolitan Agency for Planning (CMAP)
233 S. Wacker Drive, Suite 800, Willis Tower
Chicago, IL 60606

Re: EECBG Retrofit Ramp-Up Competitive Grant
Chicago Regional Building Energy Efficiency System

Dear Ms. Bryne (for submittal to the U.S. Department of Energy):

I am writing this letter in support of the Chicago Metropolitan Agency for Planning (CMAP) and their application for EECBG Retrofit Ramp-Up competitive funding. CMAP is the lead applicant acting on behalf of the seven-county northeastern Illinois region and its local partners. The objective of the Chicago regional proposal is to build a comprehensive energy retrofit program known as the "**Chicago Regional Retrofit Ramp-Up**" which includes strategies to build a sustainable business model to aggressively retrofit commercial, industrial, residential, and public buildings across northeastern Illinois.

The County of Lake, a unit of local government in the state of Illinois will utilize \$5,198,351.00 of United States Department of Energy EECBG program money to increase energy efficiency and decrease long term operational costs in various County facilities during this grant period.

A coordinated region-wide selection of work, solicitation of labor, and administration of improvements, when done in conjunction with a robust effort to provide information and awareness will almost certainly result in economies of scale. This lower cost basis would seem a likely catalyst for additional region-wide energy improvement.

I strongly support the CMAP proposal and their efforts to make a significant impact on energy retrofits in the region. If you have any questions, please feel free to contact Gary Gordon, Director of Finance and Administrative Services at 847-377-2929.

Sincerely,

Barry A. Burton
County Administrator



Community Action Partnership of Lake County

December 7, 2009

EECBG Retrofit Ramp-Up Competitive Grant

Re: Chicago Regional Building Energy Efficiency System

To Whom It May Concern:

I am writing this letter in support of the Chicago Metropolitan Agency for Planning (CMAP) and their application for EECBG Retrofit Ramp-Up competitive funding. CMAP is the lead applicant acting on behalf of the seven-county northeastern Illinois region and its local partners. The objective of the Chicago regional proposal is to build a comprehensive energy retrofit program known as the "**Chicago Regional Building Energy Efficiency System**" which includes strategies to build a sustainable business model to aggressively retrofit commercial, industrial, residential, and public buildings across northeastern Illinois.

Community Action Partnership of Lake County a Non Profit 501C3, agrees to provide \$3,677,244 of weatherization funds as leverage. These resources are \$192,960 of State funds, \$533,192 of Doe funds, \$710944 of HHS funds and \$2,240,148 Arra funds used in our weatherization Program for Lake County, Illinois.

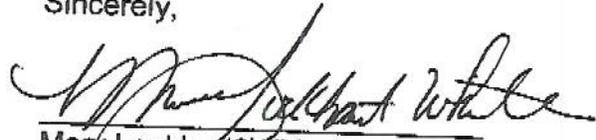
This regional approach will bring together fragmented resources to create a comprehensive and accessible regional retrofit program. The EECBG Retrofit Ramp-up program funds will provide the necessary resources for program development and supportive systems, and the initial investment for financing mechanisms as an essential foundation for a comprehensive energy efficiency program. This approach will create the necessary efficiencies and economies of scale to develop a sustainable market for building retrofits across the metropolitan region for years to come.

We are interested in expanding the knowledge and participation of Energy Conservation matters in Lake County while lower heating and electric bills, so the money saved will be used in Lake County to further economic development and growth.

I strongly support the CMAP proposal and their efforts to make a significant impact on energy retrofits in the region. If you have any questions, please feel free to contact me at 847-249-4330,

Mary Lockhart White, Executive Director/CEO
1200 Glen Flora Avenue • Waukegan, IL 60085
Phone: 847.249.4330 • Fax: 847.625.6434
Mailing Address: P.O. Box 9059, Waukegan, IL 60079-9059

Sincerely,

A handwritten signature in black ink, appearing to read "Mary Lockhart White". The signature is written in a cursive style with a horizontal line underneath it.

Mary Lockhart White
Executive Director
Community Action Partnership
Of Lake County

NEIGHBORHOOD HOUSING SERVICES OF CHICAGO, INC.

Rebuilding Chicago's Neighborhoods

1279 N. Milwaukee Ave., 5th Floor
Chicago, Illinois 60622
773 329-4010
fax: 773-329-4120
www.nhschicago.org



December 10, 2009

Re: Chicago Regional Building Energy Efficiency System

To Whom It May Concern:

I am writing this letter in support of the Chicago Metropolitan Agency for Planning (CMAP) and their application for EECBG Retrofit Ramp-Up competitive funding. CMAP is the lead applicant acting on behalf of the seven-county northeastern Illinois region and its local partners. The objective of the Chicago regional proposal is to build a comprehensive energy retrofit program known as the "**Chicago Regional Retrofit Ramp-Up**" which includes strategies to build a sustainable business model to aggressively retrofit commercial, industrial, residential, and public buildings across northeastern Illinois.

NHS of Chicago, a nonprofit community development organization, agrees to provide up to \$5 million in loan funds to help Chicago homeowners rehab their houses in conjunction with efforts through the "Chicago Regional Retrofit Ramp-Up". These resources are provided to NHS of Chicago's nonprofit lending arm, Neighborhood Lending Services, by private lending institutions to be used to help low and moderate income families make affordable and sustainable home improvements as a part of our Neighborhood Lending Program.

This regional approach will bring together fragmented resources to create a comprehensive and accessible regional retrofit program. The EECBG Retrofit Ramp-up program funds will provide the necessary resources for program development and supportive systems, and the initial investment for financing mechanisms as an essential foundation for a comprehensive energy efficiency program. This approach will create the necessary efficiencies and economies of scale to develop a sustainable market for building retrofits across the metropolitan region for years to come.

I strongly support the CMAP proposal and their efforts to make a significant impact on energy retrofits in the region. If you have any questions, please feel free to contact me at 773-329-4010 or jwheaton@nhschicago.org.

James K. Wheaton
Deputy Director
NHS of Chicago



December 8, 2009

Re: Chicago Regional Retrofit Ramp-Up

To Whom It May Concern:

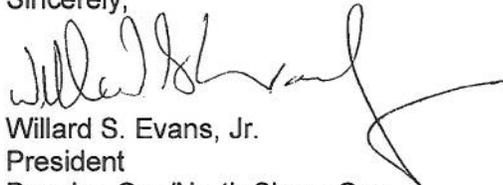
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Peoples Gas and North Shore Gas are the local natural gas utilities supplying safe, clean natural gas and serving customers in Chicago and across the North Shore. The Chicagoland Natural Gas Savings Program provides rebates for energy efficiency and conservation measures directly to customers and provides funding for programs like the Historic Chicago Bungalow and Energy Savers programs that provide audits and financing for energy efficiency measures. In addition, we will be expanding our energy efficiency portfolio in 2011. Our programs will provide approximately \$31.2 million from 2010 through 2012 in leverage towards this application.

This regional approach will bring together fragmented resources to create a comprehensive and accessible regional retrofit program. The EECBG Retrofit Ramp-up program funds will provide the necessary resources for program development and supportive systems, and the initial investment for financing mechanisms as an essential foundation for a comprehensive energy efficiency program. This approach will create the necessary efficiencies and economies of scale to develop a sustainable market for building retrofits across the metropolitan region for years to come.

I strongly support the CMAP proposal and their efforts to make a significant impact on energy retrofits in the region. Peoples and North Shore Gas will continue to serve on the Steering Committee for the Regional Chicago Retrofit Strategy. If you have any questions, please feel free to contact our Manager of Energy Efficiency & Public Benefits, Patrick Michalkiewicz at (312) 240-3949.

Sincerely,



Willard S. Evans, Jr.
President
Peoples Gas/North Shore Gas

WSE/saw