

ENERGYSMART DC

MWCOG

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GOVERNMENT OF THE
DISTRICT OF COLUMBIA



AGENDA

- What is the EnergySmart DC Plan?
- Why are we doing an EnergySmart DC Plan?
- What's the link between the Sustainable DC Plan and EnergySmart DC Plan?
- How do we work with other District agencies?
- How can you get involve?
- What's the timeline for completing the EnergySmart DC Plan?

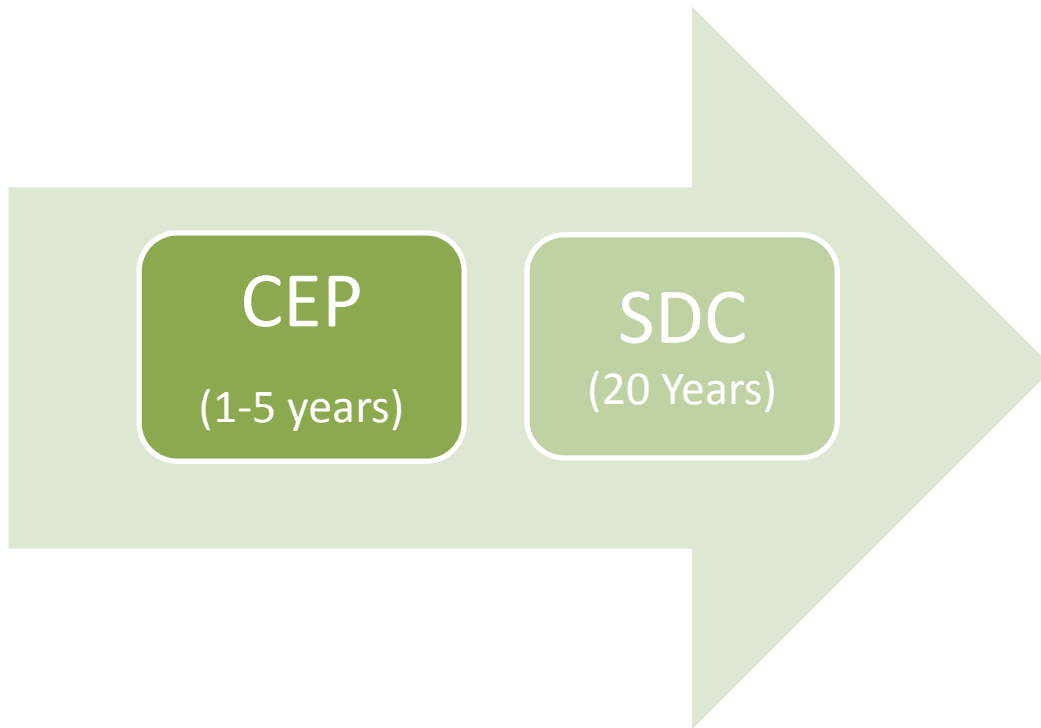
WHAT IS THE ENERGYSMART DC PLAN?

- “EnergySmart DC” is the District’s Comprehensive Energy Plan (CEP)
- Provide a the City with a comprehensive set of energy goals and recommendations
 - Reduce energy consumption
 - Increase local clean power generation
 - Improve energy reliability
 - Create more green jobs for District residents

LITTLE KNOWN FACTS!

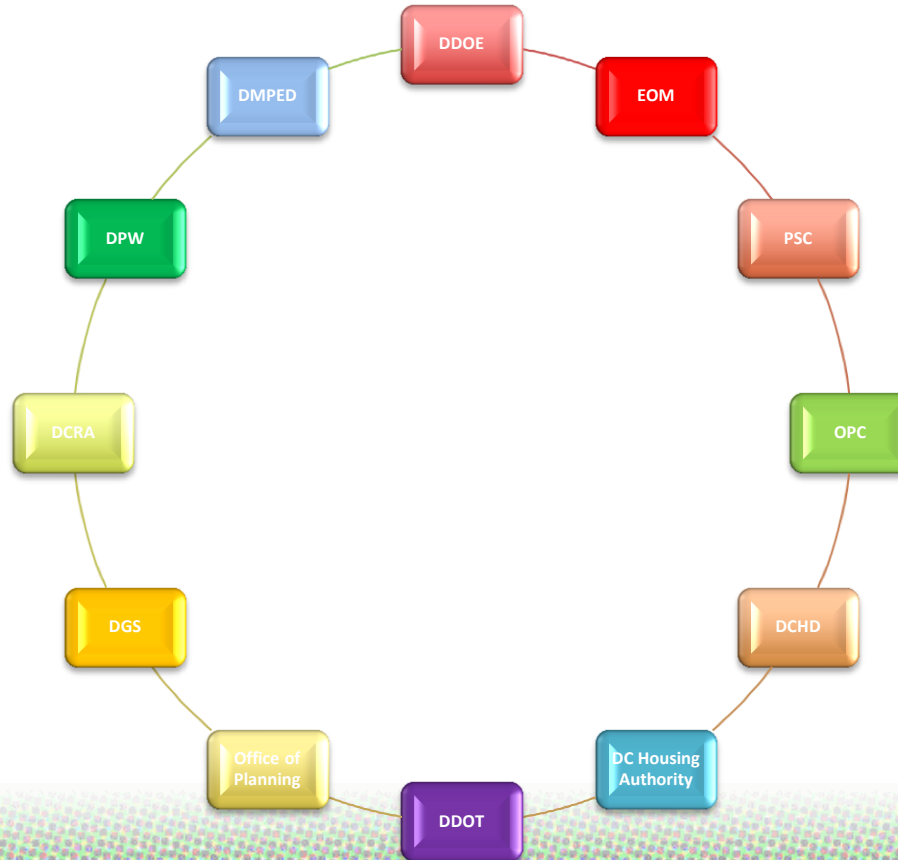
- First CEP was published in 1987 – 48 recommendations.
- An updated CEP was completed in 1990 but never published.
- CEP III was published in 2003 – 43 recommendations.

WHAT'S THE LINK BETWEEN SDC AND ENERGYSMART DC?



- SDC included specific action items to help the city achieve those goals.
- Completing the CEP is one of the action items recommended under the Energy Section of SDC.

HOW DO WE WORK WITH OTHER DISTRICT AGENCIES?



GET INVOLVED: ENERGYSMART DC WEBSITE



HOME

ENERGY SUPPLY

ENERGY EFFICIENCY

PLANNING CENTER

DRAFT PLAN



Mark your calendars!

The District Department of the Environment (DDOE) is hosting an "EnergySmart DC" Public Information Meeting on Tuesday, April 30, 2013 6:00-8:00 pm at the District Architecture Center.

[▶ Learn more](#)



PLANNING DC'S ENERGY FUTURE

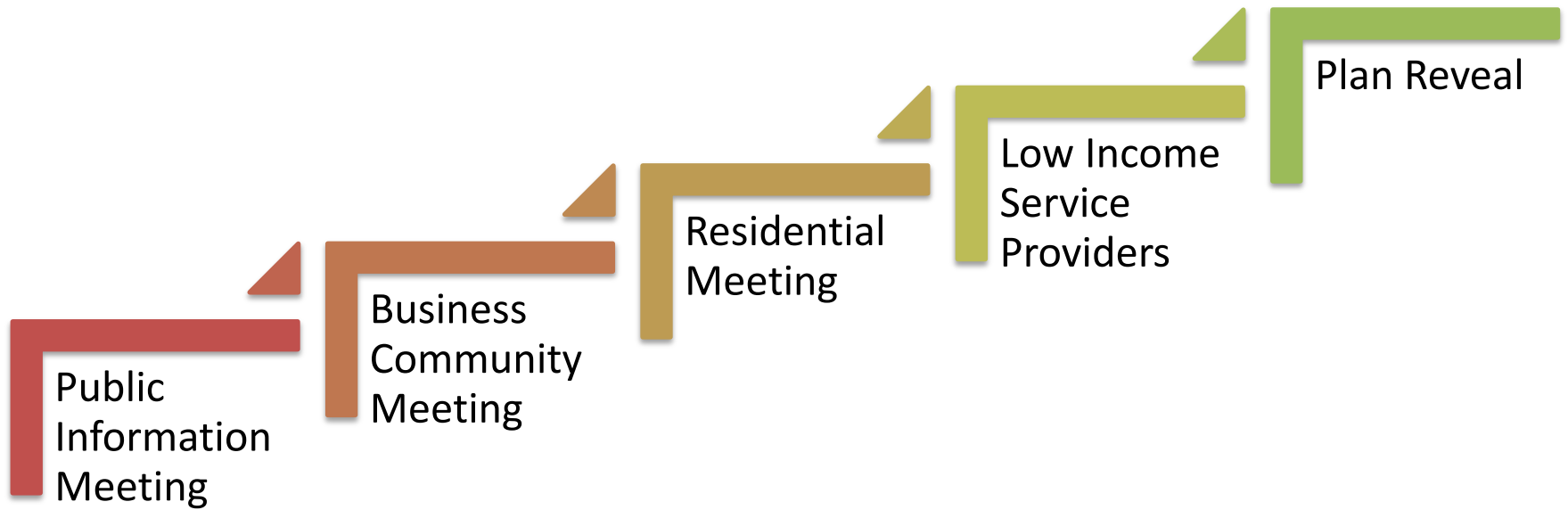
DISTRICT
DEPARTMENT
OF THE
ENVIRONMENT



GOVERNMENT OF THE
DISTRICT OF COLUMBIA



GET INVOLVED: ENERGYSMART DC



TIMELINE FOR ENERGYSMART DC DEVELOPMENT AND COMPLETION

- Launch CEP website - completed. energysmartdc.com
- Conduct Public Information Meetings - Ongoing
- Complete an Energy Profile Study of the District by 06/17/2013.
- Complete a Market Potential Study of the District by 07/17/2013.
- Conduct a review of past and current energy initiatives and programs 06/28/2013.
- Complete an Evaluation Framework and Database for tracking and reporting EnergySmart DC Plan recommendations and accomplishments 10/17/2013.
- Final draft of the EnergySmart DC Plan by 11/14/2013.
- Launch EnergySmart DC Plan by 12/2/2013.

CONCLUSION

- The EnergySmart DC Plan will be based on the District's unique needs and Market Potential Study.
- The EnergySmart DC Plan will be constructed to allow for review, modification, and/or expansion based on performance versus goals.

Proposed Outline Of The EnergySmart DC Plan



PROPOSED OUTLINE OF THE ENERGYSMART DC PLAN

What will the plan provide?



Vision, strategies, key initiatives and actions needed to achieve energy goals



Constructed to allow for review, modification, expansion based on performance versus goals



Emphasis on District's unique needs

PROPOSED OUTLINE OF THE ENERGYSMART DC PLAN



I. INTRODUCTION AND EXECUTIVE SUMMARY

- Will discuss findings, major themes, and a summary of goals and recommendations



II. THE DC ENERGY MARKET

- Overview of Energy Challenges in DC and our Region
- Energy Profile
- Market Potential Study



III. THE DISTRICT'S ENERGY GOALS

- Current Energy-related Goals and Initiatives
- Potential Short and Long Term Goals Based on CEP Market Potential Study



PROPOSED OUTLINE OF THE ENERGYSMART DC PLAN



IV. Market Potential Study

- Describes the District's energy efficiency potential
- Will include the technical potential, the achievable potential, and the achievable cost effective potential.



V. Energy Challenges in DC and our Broader Region

- We will discuss the challenges DC faces as a result of our border-to-border urban land uses, our small land area, our extensive poverty issues, and how these and other challenges affect DC policies.



VI. Energy Profile

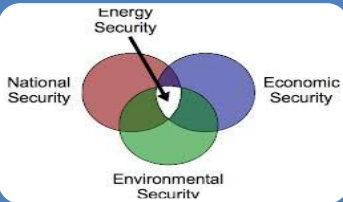
- This chapter describes energy consumption patterns by sector, by fuel type, and for the District as a whole.
- Energy & economic growth and projections will be provided in tables/figures.

PROPOSED OUTLINE OF THE ENERGYSMART DC PLAN



VII. Energy Infrastructure

- This chapter will discuss several aspects of DC's energy infrastructure including generation, imports and exports and distribution networks.
- We will describe the importance of energy supplies and costs, and how the supplies and costs impact the District's economic growth.



VIII. Energy Security and Reliability

- Residents will want to know how their energy systems will be protected in times of national tension and emergency. This chapter will provide helpful information for residents in these respects.



IX. Energy and the Environment

- This key chapter of the CEP discusses the environmental consequences of the District's energy use.
- An environmental case will be made in this chapter for an energy efficient DC, including a jobs building and economic development strategy.

PROPOSED OUTLINE OF THE ENERGYSMART DC PLAN



X. ONGOING ACTIONS TO ACHIEVE ENERGY GOALS

- Energy Efficiency: Current and Past Initiatives and Programs
- Renewable Energy Initiatives: RPS
- DC SEU, Climate Action Plan and Sustainable DC Plan



XI. ENERGY SYSTEMS AND IMPACTS IN DC AND REGION

- Energy Infrastructure
- Energy and the Environment: Air, Water, Waste, and Health
- Energy and the District Economy



XII. RECOMMENDATIONS

Low Income Energy Efficiency Recommendations



PROPOSED OUTLINE OF THE ENERGYSMART DC PLAN



XIII. Renewable Energy

- The potential and progress for solar, imports of renewable energy, renewable portfolios, municipal solid waste and energy, and other initiatives will be discussed



XIV. Transportation Strategies

- We will review multimodal transportation actions and strategies; bus, taxi and metro strategies and parking policies and their impacts will be assessed



XV. The District Government Energy Use and Plans:

- This chapter summarizes actions that the District government agencies are taking to assure that their own energy consumption is efficient.



PROPOSED OUTLINE OF THE ENERGYSMART DC PLAN



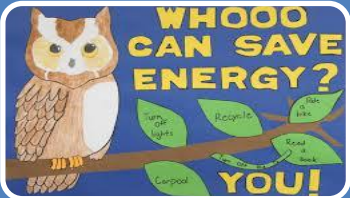
XVI. Federal Government

- The CEP will outline federal govt. ongoing & planned actions in DC regarding energy efficiency, renewable energy, LEED.
- We will address the status of cooperation between the federal and DC governments, including opportunities for improvement.



XVII. Financing DC's Initiatives

- This chapter will outline current financing options and plans, including DC SEU and PACE.
- We will offer recommendations for the future.



XVIII. Education and Outreach

- This chapter describes the CEP's public consultation and information strategy to attain the participation of DC residents and a wide variety of groups to help develop the goals and implementation strategies for the CEP.

PROPOSED OUTLINE OF THE ENERGYSMART DC PLAN



XIX. TRACKING AND REPORTING PROGRESS CEP GOALS

**And This is Only
the
Beginning.**

XX. CONCLUSIONS



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