

ICLEI - Local Governments for Sustainability



- Benefits of Energy Efficiency
- Energy Efficiency > LG Planning
- Best Practices



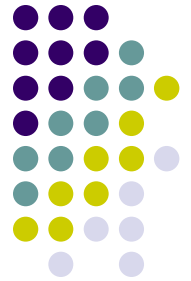
ICLEI - Local Governments for Sustainability



- Local Government
 - Member Association & Peer Network
 - Technical and Policy Support
- PNW Office in Seattle
- 560+ member governments nationwide
- 20 members in Puget Sound Region
- Programs: Climate Mitigation and Adaptation; Community Sustainability



Funding. . . Finally!



WA State Energy Plan

1. Community-Wide Urban Residential and Commercial Energy Efficiency Program – \$14.5 million
2. Farm Energy Assessments Program - \$500,000
3. Energy Efficiency Credit Enhancement Program - \$5 million
4. Energy Efficiency and Renewable Energy Loan and Grant Program (EERE) - \$38.5 million – Energy Efficiency; Renewable/Clean Energy

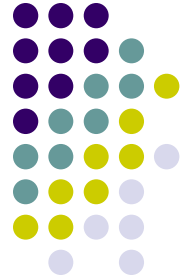
WA EECBG Allocations

1. EECBG for small jurisdictions (>200k County; >35k City) – competitive funds of up to \$135,000 per jurisdictions
2. Energy Planning Program
 - \$770,000 for will energy-related planning
 - \$750,000 for RCM program

<http://www.commerce.wa.gov/site/1164/default.aspx>



Benefits of Energy Efficiency



- Wise use of Gasoline/Diesel * Electricity * Heating Oil * Natural Gas
- Renewable Energy to reduce dependence on
 - Reduce operating costs/taxpayer dollars spent
 - ARRA provides capital for investments
 - Improve operational management
 - Track usage & expenditures = Accountability
 - EE Performance metrics target areas for improvement
 - Opportunity to use energy as a broad metric for assessing all city programs



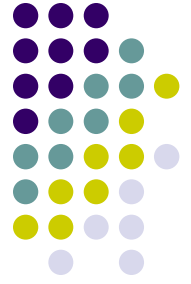
Energy Crosscuts Government Roles



- **Owner/Operator**
 - Public facilities
 - Fleets
 - Parks
 - Infrastructure (roads, utilities, bike lanes)
- **Regulator/Service Provider**
 - Zoning/Building Codes
 - Transportation Planning
 - WWTP & Water Management
 - Solid Waste Management
 - Economic Development
 - Affordable Housing
- **Facilitator/Educator**
 - Permitting
 - Community meetings
 - City mailings
 - Website

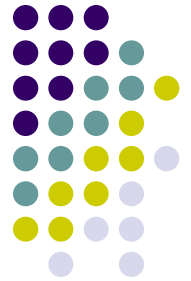
Livable Communities

- Good air & water quality
- Improved public health
- Sound infrastructure
- Walkable neighborhoods
- Transportation options
- Revitalized CBD
- Affordable housing
- Clean, green jobs



Wisely Manage Energy

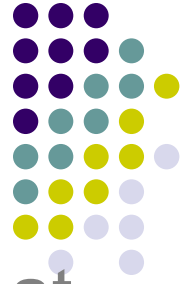
Mechanisms for Transformation



EECBG Eligible Projects

1. Development of an **Energy Efficiency and Conservation Strategy**
2. Residential and Commercial Building **Energy Audits**
3. **Financial Incentive Programs** for energy efficiency improvements
4. Grants to nonprofit organizations and governmental agencies for the purpose of performing **Energy Efficiency Retrofits**
5. Energy Efficiency and Conservation Programs for **Buildings and Facilities**
6. Development and Implementation of **Transportation Programs** to conserve energy
7. **Building Codes and Inspections** to promote building energy efficiency
8. **Energy Distribution Technologies** that significantly increase energy efficiency, including distributed generation, combined heat and power, and district heating and cooling systems
9. **Material Conservation Programs** including source reduction, recycling, and recycled content procurement programs that lead to increases in energy efficiency
10. **Reduction and Capture of Methane and Greenhouse Gases**
11. Energy efficient **Traffic Signals and Street Lighting**
12. **Renewable Energy Technologies** on Government Building





Ann Arbor Municipal Energy Fund

- Funds for investment in energy-efficient retrofits at city facilities
- Provides up-front costs and captures 80% of the resulting savings to invest in further projects
- The fund became self-sustaining in 3 years
- An initial 100k investment upped to 500k due to success of program >> **7 million saved in 10 years!!**

ICLEI ENERGY OFFICE PROGRAM:

www.icleiusa.org/energyoffice



Use Energy as Planning Keystone

- Climate planning (mitigation and adaptation)
 - Kirkland Green (includes climate plan)
 - Sustainability Planning
 - Shoreline Sustainability Strategy
 - Green job/economic development planning
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- Stand alone plans (Seattle, Bellevue)
 - Integrated into language of comprehensive plans (Snohomish County)
 - Energy element of CP (Lynnwood)
 - Part of regional planning documents





5 Milestones of Plan Development

- Energy > Green Jobs > Climate > Sustainability
- Government Operations or Community

1. Benchmark (Energy use, GHG emissions, \$\$, jobs, etc)

2. Set Targets & Goals

3. Create the Plan

4. Implement Plan Elements

5. Monitor & Evaluate the Plan

- Technical expertise NOT necessary to manage process



Become an Energy & Climate Champion

Elected Official

mayor, county executive, city or county council member

City, County Staff



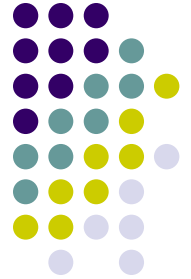
public works, environmental specialist, policy specialist, city manager

Community Member

interns, volunteers, activists, religious leaders, teachers, parents, students

Take Action

www.icleiusa.org



- National network of peers
- Emissions Analysis Software & Tools
- Policy Guides & Subject-specific toolkits
- Communications & outreach support
- Trainings - conference calls, webinars, regional and national events

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