



DOE Energy Equity Resources: Clean Energy for Low Income Communities Accelerator (CELICA) Online Toolkit

NASEO Annual Policy Conference

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Clean Energy for Low Income Communities (CELICA): Online Toolkit

<https://betterbuildingsinitiative.energy.gov/CELICA-Toolkit>

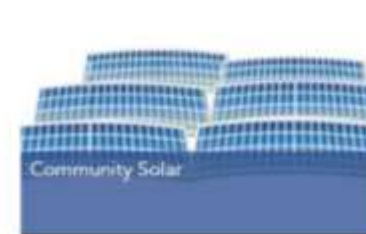
CELICA PROGRAM DEVELOPMENT ACTIVITIES

Program development refers to the planning and implementation actions program administrators take to create and manage a program.



CELICA PROGRAM MODELS

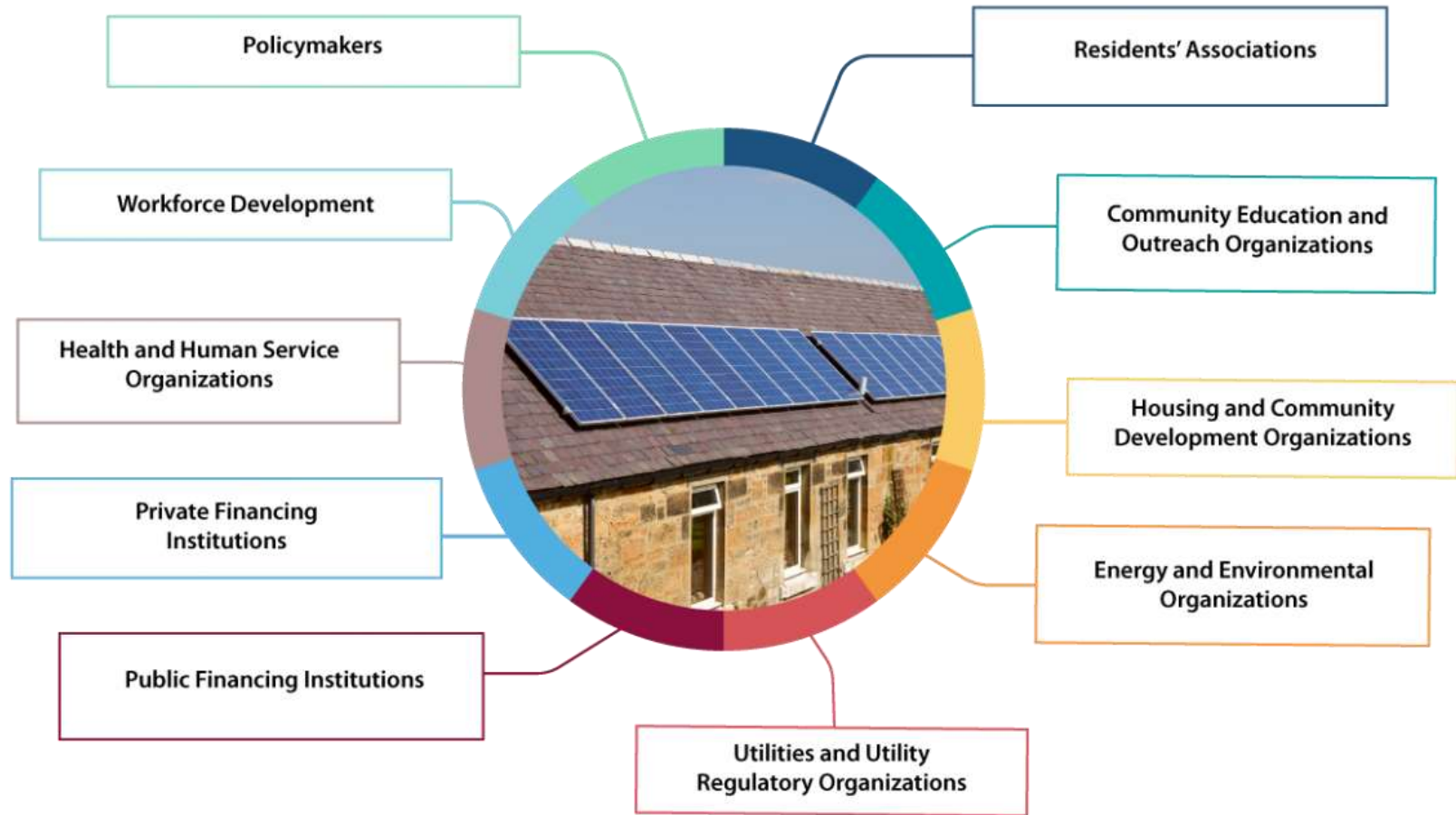
Program model refers to the defining features of a program, such as target market, key product and service attributes, terms and conditions, resource flows and benefits.



Types of Resources in the CELICA Toolkit:

Case Studies, Promising Practices, Issue Briefs, Data Tools, and Templates

CELICA: Low-Income Stakeholder Engagement



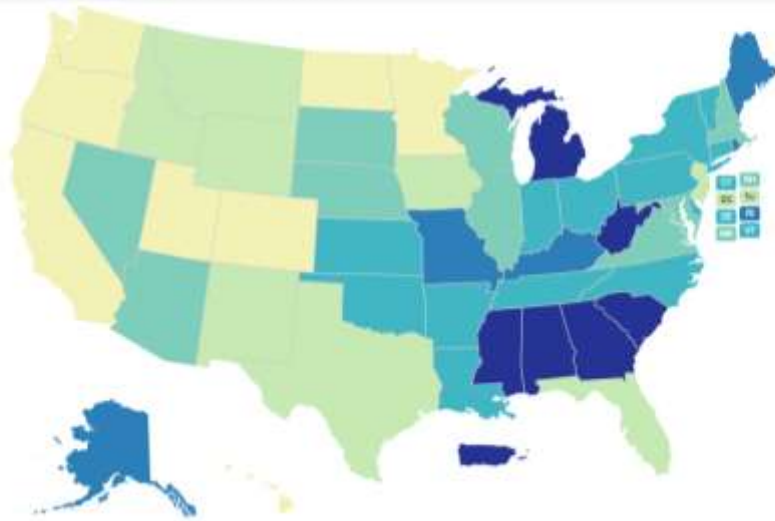
CELICA: Low-income Energy Affordability Data (LEAD) Tool

Goal: Help stakeholders make data-driven decisions on energy goals and program planning by improving their understanding of low income and moderate income household energy characteristics.

Energy Burden (% income) for the United States



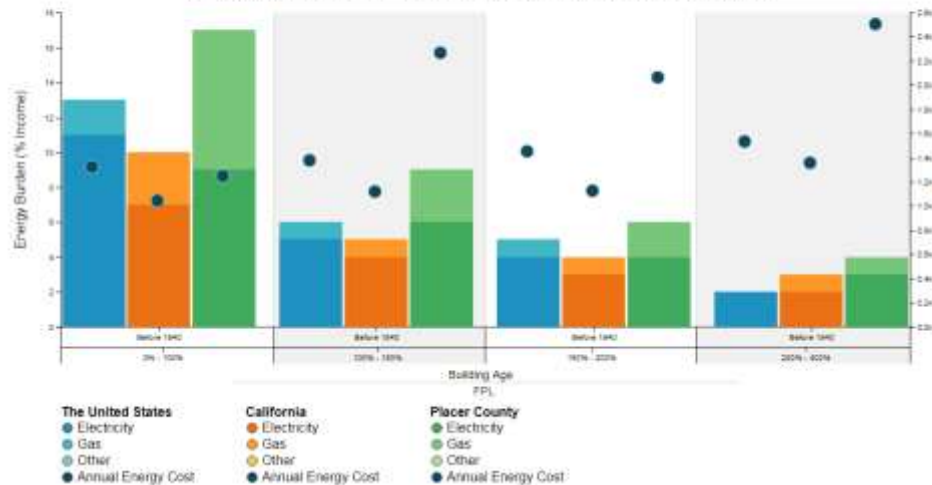
United States
Click any state to view counties, census tracts, and cities.



Charts

Primary Dimension	Secondary Dimension	Left Axis	Right Axis
Federal Poverty Level	Building Age	Energy Burden (% Income)	Annual Energy Cost

Energy Burden (% Income) for the United States vs California vs Placer County



LEAD Tool: <https://www.energy.gov/eere/slsc/maps/lead-tool>

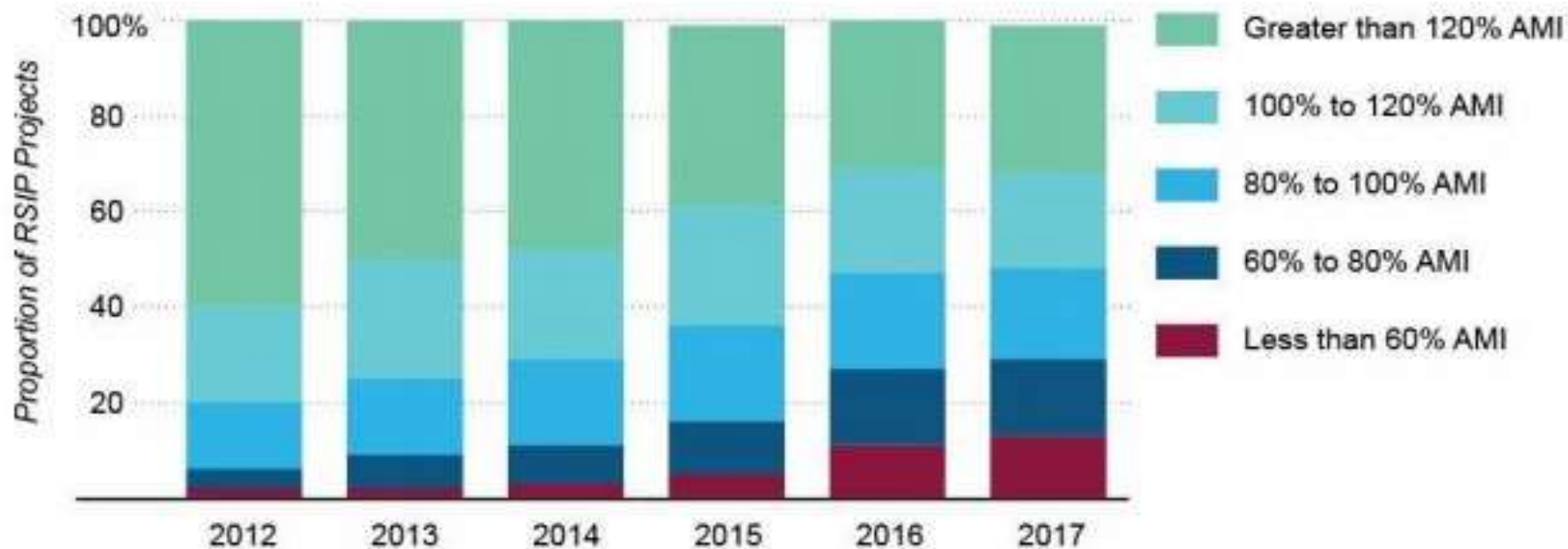
LEAD Tool Tutorial:
<https://www.youtube.com/watch?v=i9D5XBK6aKE>

Equity Indicators CELICA Partners Found Most Valuable

Indicator	Metrics
Energy Efficiency Savings	Energy (MWh, MCF, MMBtu) and cost savings (\$) for customers in aggregate or by low-income household served
Low-Income Parity	Savings across low-income and market rate programs (% of total savings)
	Market penetration rate by income band (% AMI, % FPL) statewide and in each census tract
Participation	Number of households served (#) or percent of eligible households served (%)
	Percent of participants at various income levels (% AMI, % FPL)
Housing Type	Percent participation by housing type (# by single family, mobile, and multifamily housing of different sizes and types, e.g., restricted, naturally affordable, and market-rate multifamily)
Program Resources	Total funding leveraged for energy efficiency, health and safety, and solar (\$ by source and purpose)
	Amount of investment financed — housing tax credit projects, on-bill programs, etc. (\$)
Energy Burden	Amount that energy burden decreased (% reduction in % of income paid for energy bills) for participating low-income households
Health and Safety	Number of homes not served due to health and safety issues and percentage that receive referrals and ultimately return for service (% homes and % frequency of health and safety issues cited)
	Health and safety issues abated (# of homes with % frequency issues abated)
Workforce Development	Contracts or jobs to locally-owned, minority-owned, women-owned, and small businesses (# and/or %)
	Number of jobs created (# by job type)
	Participation of low-income residents in the energy efficiency and renewable energy workforce (# of local workers trained and # placed into energy efficiency and renewable energy jobs)

How CELICA Partners Worked to Overcome Barriers to Access for Low-income Households

Connecticut's Residential Solar Investment Program Approved PV Projects by Income



SOURCE: Connecticut Green Bank

Questions?

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