LOCAL GOVERNMENT PARTNERSHIPS

• Leverage their unique roles for EE
• Integrate EE in all services & programs
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- Community Centers & Libraries
- Land Use & Building Codes
- Economic Development
- Redevelopment & Housing
- Business Licenses
- Retrofit Financing
- Major Employer
- Building/Facility Owner
- Community Partners

Community Partnerships

- Community Partners
PROJECT GOAL

• Create a local showcase for home retrofits & EUC

• Demonstrate Emerging Technologies

• Link to green job training

• Contribute to local green economy
PROPERTY FACTS
• 1,900 sf, single-family detached (1984 year built)
• JP Morgan Chase foreclosure
• Purchase by City/Community HousingWorks
• Utilized HUD Neighborhood Stabilization Program
GREEN JOB TRAINING

• Green Grad Education & Training Upgrade Program (GETUP)
• 13 unemployed students
• Energy upgrade materials provided by SDG&E ETP
GREEN JOB TRAINING
• 2-weeks hands-on training at work site
• 1-week classroom skills
• 6-month paid internship
HOME IMPROVEMENTS - Roof

- Fire hazard - wood shake shingles
- ENERGY STAR roof
HOME IMPROVEMENTS – Heating System

• Inefficient heating system
• High-efficiency hydronic heating
HOME IMPROVEMENTS – Windows

- Single-paned
- ENERGY STAR dual-paned, low-e
HOME IMPROVEMENTS – Lighting

• Outdated fixtures
• LED fixtures – pendant, sconce, recessed models
HOME IMPROVEMENTS – Bathroom

• Inefficient plumbing fixtures
• WaterSmart toilet & plumbing
HOME IMPROVEMENTS – Flooring

- Broken tiles & inefficient appliances
- ENERGY STAR appliances & sustainable materials
HOME IMPROVEMENTS – Kitchen

• Outdated tile & carpet
• Rapidly-renewable materials – bamboo & cork
HOME IMPROVEMENTS – Renewable Energy

• 2.4 kW ‘Plug & Play’ Solar PV
• 32 sf ICS Solar Hot Water
HOME IMPROVEMENTS – Landscaping
• Water-efficient with additional sustainable features
• Southwestern College career training
HOME IMPROVEMENTS – Overall Energy Use
• Over 50% reduction in energy use
• Local purchasing ($40,000) & hiring (35%)
SHOWCASE PERIOD

- Ribbon-cutting ceremony
- Monthly open houses
- Contractor & realtor trainings
- Broader community sustainability outreach
- Home performance M&V
- Future LI homeowners
THANK YOU TO ALL THE PROJECT PARTNERS

...& WE ARE JUST GETTING STARTED!