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A homeless to homeownership strategy...

## Homeless Shelter Jobs Initiative



Photos: Satellite Broadband Communications, Los Angeles Dome Village and Dome Construction

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Green Technology Institute, Inc.

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## Solar Dome Televillage Project

The **Homeless Shelter Jobs Initiative** aims to empower jobless and homeless persons to become part of the emerging 'green collar' workforce or to become eco-entrepreneurs to participate in the barely-started home-energy-retrofit jobs programs -- and in the process eventually qualify to become homeowners. Over 1.5 million homes have been foreclosed in the United States, impacting the value of homes and neighborhoods, and American cities' budgets. These homes can be retrofitted with energy-efficient products and smart appliances as well as with rooftop solar-photovoltaic systems to generate electricity and solar-thermal systems to heat water and provide space heating. And these homes can be 'wifi'-enabled to help their owners to telecommute to work or start home-based businesses.

The goal is to train the jobless, homeless, and jobless-homeless to become energy auditors, weatherization and energy-efficiency installers, technicians and professionals, and solar-energy technology consultants and technicians who can retrofit America's foreclosed homes and stabilize the country's neighborhoods.

The Green Technology Institute, Inc. (GTI), a public-benefit organization, established by the Tom Bradley Legacy Foundation, Inc. and InterShelter, Inc. (ISI), a for-profit dome shelter manufacturer, have launched the **Solar Dome Televillages Project** to address the needs of the growing numbers of American homeless/jobless and, in parallel, the home foreclosure crises in the U.S. The challenge is to train the homeless and jobless with new skills in the green technology (GT) and information technology (IT) sectors.

GTI and ISI propose to develop Solar Dome Televillages -- within a Greentech Innovation and Incubation Center -- to conduct a six-month "Green Technology Survival Boot Camp" live-and-learn training program. The trainees will learn how to live a sustainable lifestyle by "doing more with less" -- to live better *and* live green -- while being trained to be a part of the green collar workforce or even become eco-entrepreneurs in the international e-commerce business world.

The Solar Dome Televillages will be designed to be totally independent of the power grid and to be constructed anywhere in a matter of days to house and train people.

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Solar Televillage Project Plan for 112 & 70 Person Dome Communities

## Green Internet Revolution: GT Meets IT

We are at the end of the Industrial Revolution that was powered with fossil energy and run top-down, and that has created an overall unsustainable lifestyle and a planet under enormous environmental stress, and at the beginning of the Green Internet Technology Revolution that is creating access to information with computers powered by solar energy, and the promise of a sustainable 'green economy' and personal lifestyle.

We are living in an age of unprecedented empowerment and widely dispersed entrepreneurialism, not communism and totalitarianism, a time when any one of us has access to more information than the president of IBM had a decade ago. We are witnessing the convergence of green technology (GT) powered by renewable energy and information technology (IT) enabled by the Internet to create a green civilization from the ground up.



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The global economic meltdown, high home foreclosures, and rising unemployment and homeless rates in America have provided an opportunity to replan and reinvent our neighborhoods and cities to become more sustainable, and our jobs and lives to become more successful, than ever before, but only if we act with creativity and dispatch.

### **Los Angeles Solar Dome Televillage ([www.InterShelter.com](http://www.InterShelter.com))**

The Solar Dome Televillages will be patterned after a dome village that was built in 1993 in the heart of downtown Los Angeles, California, to house homeless people, a project known as "Justiceville" that was inspired by homeless advocate Ted Hayes. This new Solar Dome Televillage initiative can provide the homeless with mass-produced solar dome shelters anywhere in the world. These villages can be totally independent of the electrical grid as well as independent of sewer and gas connections.



Dome Village Los Angeles "Justiceville" for the Homeless

The dome village in Los Angeles was composed of 20 domes that provided housing and supportive services for 18 to 24 individuals and family members. Eight domes supported shared community functions, including an office dome and separate domes for a kitchen, community room, separate women's and men's bath facilities, a laundry room, and a computer learning and education center. The remaining domes were for housing the homeless tenants. Each dome was partitioned in half to provide a pair of private living spaces. These frameless dome structures are portable, easily assembled, durable, storable, and



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impervious to extreme weather conditions from arctic winds to tropical heat. Each dome contains 314 square feet and can be installed in four hours by a team of two with no more than a stepladder, screwdriver, and wrench. A dome can be disassembled in two hours. Doorways can be adapted as connectors between domes so that any number of domes can be joined into a larger modular cluster.



*Photos of dome computer center and interiors of the dome structures*

## **Audubon Center at Debs Park near Downtown Los Angeles**

The Solar Dome Televillage Project will also emulate the Audubon Center in Debs Park north of Downtown Los Angeles, a 5,020-square-foot / 467-square-meters office and conference center. The Center is totally independent of the electrical grid as well as of sewer and gas connections. It was completed in November 2003 and was certified as the first U.S. Platinum LEED building by the U.S. Green Building Council. The Center is a zero-energy building powered with a 24kW solar-photovoltaic and battery storage system. The Center is cooled and heated by a 10-ton solar absorption cooling system.



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(c) Gary Leonard



(c) EHDD Architecture/Solterra, LLC

Audubon Center at Debs Park off-grid, LEED Platinum Environmental Learning Center in downtown Los Angeles

## Green Technology Energy Park Showcase ([www.lcelSystems.com](http://www.lcelSystems.com))

The Solar Televillage Project will be built by its homeless tenants under the supervision of the GTI and ISI Project Management Team. Each project site will include a Green Energy Park patterned after the City of Anaheim Energy Park, that will function as the heart of the renewable- and solar-energy technology learning and training center which the homeless tenants will help construct, operate, and maintain.



Anaheim Energy Field  
Building A Smarter Grid



Photo: Anaheim Energy Park 75 kW PV panel with 54 kW hours of lithium ion battery storage backup

## Green House Farm Project ([www.PortableFarms.com](http://www.PortableFarms.com))

The Solar Televillage Project will include a portable greenhouse technology developed by Colle Davis of Portable Farms, Inc. The greenhouse will not only teach the trainees to grow their own food, but also could supply organic vegetables and fresh fish to the residents of surrounding neighborhoods. Unlike

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outdoor gardens that are dependent on weather and the seasons, the Portable Farm greenhouse will be able to produce both vegetables and fresh fish throughout the year. The unique aquaponics design of the greenhouse technology utilizes the waste stream of the fish tank to fertilize the plants that grow in the rock bed trays.



Photo: Portable Farm plan, tilapia freshcatch, and green house growing trays

### Green Internet Web Broadcasting Studio ([www.GreenI.tv](http://www.GreenI.tv))

Internet television through web-streaming can become a powerful tool to improve the public perception of the homeless. The Solar Dome Televillage will have an Internet Web-streaming Studio that could become the "Village TV of the Homeless." Many of the programs would be generated by the homeless themselves as part of a new kind of reality show program that can enlist mentors, volunteers, and donations to help its participants find jobs and obtain second chances in their lives.

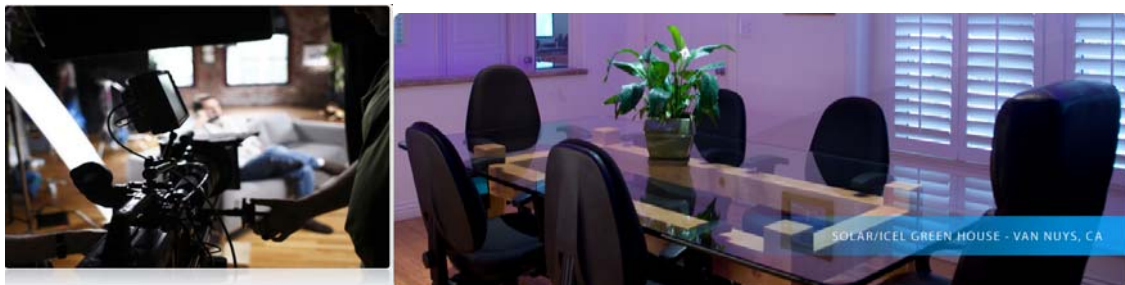


Photo: Internet Web streaming studio and conference center

### Adopt-a-Solar Dome Televillage Program

The Green Technology Institute and Intershelter have launched an "Adopt-a-Solar Dome" Televillage Program to assist in the financing of these "instant



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green villages" throughout America. The initial strategy is to establish a network of Solar Dome Televillages as transitional housing and training centers for a substantial part of America's homeless and unemployed workforce to become part of President Obama's American Recovery and Reinvestment Act of 2009. These villages also might be established under the new "New Deal" program, modeled after the Civilian Conservation Corps of the 1930s, introduced in the U.S. House of Representatives in December 2009.

In today's "Google World," these Solar Dome Televillages can become the bridge from the current economic dysfunction, physical unsustainability, and personal despair to create a successful, sustainable, and happy future for America's urban and rural communities and their residents. The Solar Dome Televillage Homeless Shelter Jobs Initiative will create a good way for many jobless and homeless people to help build America's green economy and rebuild their lives.

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## Background Information on Principals

### Les Hamasaki Bio

**Les Hamasaki** is the founder and COO of Green Technology Institute, Inc. (GTI), a non-profit public benefit organization established by the Tom Bradley Legacy Foundation, Inc. GTI is a sustainable planning and development company specializing in establishing Greentech Centers for Excellence on school campuses and in communities to facilitate the transition from the Gray Economy built on fossil fuel to a Green Economy powered with renewable resources to create a sustainable future.

He is also the Executive Director for the Green Institute for Village Empowerment, Inc. (GIVE) whose mission is to educate and empower the next generation of leaders to create a sustainable global future. GIVE launched the Green Valley Initiative whose mission is to establish the Inland Empire as the global green technology (GT) and Internet technology (IT) center to combat climate change and to create a jobs housing balance.

Mr. Hamasaki was President and founded SUN Utility Network, Inc. a green micro utility company specializing in solar thermal absorption air conditioning, solar domestic hot water, and solar photovoltaic installations from 1992 to 2005. SUN pioneered the solar absorption air conditioning, solar medical autoclave, solar coffee dehydrator, and solar desalination systems. SUN initiated the Green Commuter electric bicycle project in the City of Palm Springs.

Mr. Hamasaki is a professional community and urban development planner, and was involved with two 20-year plans (1975-95 and 1995-2015) for the City of Los Angeles, the second largest



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city in the United States.

Hamasaki served as a City of Los Angeles Planning Commissioner and Airport Commissioner. He serves on many community boards, including the Tom Bradley Legacy Foundation, the Dashew International Student Center at UCLA, the Japanese American Community and Cultural Center, the Uganda Investment Authority West Coast Office, and the Peru-California Partnership Council. He attended UCLA and has a degree in Environmental Design from Cal Poly Pomona in Pomona, California.

### **Capt. Don Kubley Bio**

Capt. Kubley comes from a 6 generation Pioneer Alaskan Family. A graduate of Gonzaga University where I spent my Junior year in Florence, Italy. Served as Chief of Staff and Legislative Liaison to The Lt. Governor of Alaska. Was appointed as Director of the Office of Regulatory Reform by The Governor of Alaska. Was honored to receive a citation from The Alaska State Legislature, in 1998, being recognized as "An Ambassador of The Alaskan Lifestyle".

He has represented many municipalities, resource corporations, maritime industry and organizations interests, in Alaska's capitol and DC as a professional Governmental Liaison for 25 years. Have appeared before The Alaska State Legislature and Congress on many occasions with most recent testimony on July 8th, 2009 before the full US House of Representatives Homeland Security Committee to speak about the use of InterShelter domes as "New and Innovative Emergency Housing Solutions for FEMA and US Natural Disasters". I was asked to appear on the same agenda with The Director of FEMA, Mr. Craig Fugate. Have been interviewed on FOX, CNN, CBS, NBC and several international press organizations.

Was President of Alaska International Marketing after leaving the Governor's Office from 1981 to 2008 traveling and doing business in over 30 countries. He lived in Rio de Janeiro, Brazil and speaks both Italian and Portuguese. Received his Captain's License from The US Coast Guard to master passenger and cargo carrying vessels in 1981. Owned Club Pacific Yacht Charters for over 20 years and served as Commodore of The Juneau Yacht Club and am now serving 6th term on its Board of Directors.

Currently President/CEO of InterShelter Inc. the manufacturers and marketers of the revolutionary patented Solar Dome and Survival Sphere. The next generation of military shelter, disaster relief housing, decontamination/quarantine facilities, first responder HQs and MASH style triage pods, homeless communities, migrant worker housing, remote mountain top telecom shacks and international refugee housing. InterShelter has, for the first time since The Romans, bridged the gap between tents and stick built houses/trailers. Our buildings are transported as easily and go up as fast as a tent, yet once erected pass residential building codes in L.A. They are totally immune from any extreme weather conditions from -70 below zero to +120 above and can withstand Category 5 hurricane winds. They are the most energy efficient portable building on earth. They can be dis-assembled in a matter of minutes for re-deployment or storage for use over and over again. Or you can leave in place for the next 20 years with minimal maintenance. Our Solar Domes are totally sustainable, off the grid, and green with a "Net Zero Carbon Footprint", when powered by the sun/wind. InterShelter was recently named "Best Startup Company in America" by FOX News, Business Week Magazine and Yahoo Finance.

We stand ready to respond to global need to house the homeless, natural disasters, refugee

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housing, terrorist attacks and provide the next generation of military shelters for "The War on Terror" or to our allies around the world.