

Shaping a Sustainable Built Environment in Orange County

RESOURCES



SUSTAINABLE DEVELOPMENT RESOURCES

UNITED NATIONS 2015

“Transforming our World: The 2030 Agenda for Sustainable Development”

This Agenda is a plan of action for people, planet, and prosperity. It includes 17 Sustainable Development Goals, with 169 Initiatives. To download the Agenda, please visit:

<https://sustainabledevelopment.un.org/post2015/transformingourworld/publication>

CALIFORNIA SUSTAINABILITY RESOURCES

California Energy Commission

<http://www.energy.ca.gov>

California Public Utilities Commission

<http://www.cpuc.ca.gov/>

California Sustainability Alliance

www.sustainca.org

Green California, Department of General Services

<http://www.green.ca.gov/>

Center for Sustainable Energy

<https://energycenter.org>

California Water Sustainability

<https://indicators.ucdavis.edu/water/>

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SUSTAINABLE DEVELOPMENT RESOURCES

REGIONAL SUSTAINABILITY RESOURCES

Sustainability Survey

“The State of Sustainability in Orange County, California”

Conducted by The American Society of Civil Engineers Orange County (ASCE-OC), the survey was designed to better understand sustainability operations, rate of returns on sustainability investments, and prospects for implementing sustainability principles among key businesses and organizations representing diverse sectors in Orange County. For a copy of the final report, please contact Salem Afeworki safeworki@valuesustainability.com or visit <https://valuesustainability.com/>

Los Angeles – “The pLAN”

On April 8, 2015, Mayor Eric Garcetti released L.A.’s first-ever Sustainable City pLAN. The pLAN is both a roadmap to achieve back to basics short-term results while setting the path to strengthen and transform L.A. in the decades to come.

<https://www.lamayor.org/plan>

Los Angeles River Revitalization

The Los Angeles River flows through diverse communities. The City envisions a renewed Los Angeles River with a continuous greenway of interconnected parks and amenities connecting communities along the River. The City is committed to bringing this vision to life through partnering with communities, businesses, organizations, and other jurisdictions, coordinating and securing funding, and strongly advocating for a renewed and healthy river. River revitalization through L.A. would integrate multiple objectives – including recreation, parks, storm water management, but also housing, transportation, and economic development.

<http://lariver.org/master-plan>

San Diego – Climate Action Plan

San Diego’s Climate Action Plan, approved in 2015, is a package of policies that will benefit San Diego’s environment and economy. It will help create new jobs in the renewable energy industry, improve public health and air quality, conserve water, more efficiently use existing resources, increase clean energy production, improve quality of life, and save taxpayer money.

<https://www.sandiego.gov/sustainability/climate-action-plan>

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CITIES AND STATE PROGRAMS

CITY of HUNTINGTON BEACH

Sustainable HB. Profitability through Sustainability

The environment has always been important to the residents and leaders of Huntington Beach. The beautiful coastline and natural wetlands attract thousands of visitors each year and close to 200,000 people call Huntington Beach home. The City understands the need to protect the environment and has initiated a variety of programs aimed to educate residents and businesses alike.

<http://www.huntingtonbeachca.gov/residents/sustainable-hb/>

CITY of NEWPORT BEACH

Energy Action Plan (EAP)

The City's vision for energy efficiency focuses around the following objectives: reduce the City's carbon footprint and its adverse effect on the environment; conserve energy at the local government facilities; raise energy conservation awareness in local community and improve the quality of life. The EAP includes energy audits from the City's major facilities and identifies more energy efficiency opportunities. Some of the City's current Energy Efficiency Projects are: ongoing street light conversions - savings 190,000 kwh/yr; plug-load sensors - saving 42,600 kwh/yr; LEED-certified buildings - Civic Center savings estimated at 435,000 kwh/yr; water pumps - VFD's saving 1,800,000 kwh/yr.

<http://www.newportbeachca.gov/i-am-a/resident/about-newport-beach/living-building-green/energy-action-plan-eap>

<http://www.newportbeachca.gov/how-do-i-/learn-more-about/energy-conservation>

CITY of SANTA ANA

The City of Santa Ana has developed a comprehensive Climate Action Plan for the community. The goal of the Plan is to create an environmentally friendly future and to make the City a better place in which to live and work. Many of the strategies and measures that will be implemented will reinvest in the community through benefits such as improved air quality, reduced energy and water use, reduced traffic congestion, and other environmental improvements.

<http://www.santa-ana.org/climateactionplan/>

GRID ALTERNATIVES

GRID Alternatives makes solar power accessible to families who need the savings most, while providing hands-on solar installation experience to volunteers and job trainees. GRID provides low-to-no cost solar electric systems to families that qualify as low income, and install them using a barnraising model that gives volunteers and job trainees hands-on experience they can use to get jobs in the growing solar industry. In California, GRID Alternatives is the statewide program administrator for the Single-Family Affordable Solar Homes program and the solar portion of the Low-Income Weatherization Program. GRID, in partnership with cooperative, municipal and investor-owned utilities, is developing the first community solar arrays in the country that exclusively benefit underserved communities, as well as collaborating with for-profit community solar developers to help ensure that the energy generated by their community solar systems are accessible to all.

<http://www.gridalternatives.org/what-we-do/solar-programs>

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DEVELOPERS

HOWARD | CDM

Howard CDM goes beyond its means to construct buildings that are environmentally sustainable templates for the future. It has always been a high priority to improve the quality of life for the future by building environmentally sustainable architecture – from its office to its projects. Completed projects such as SteelCraft and EcoHouse exemplify Howard CDM's green building tendencies.

<http://www.howardcdm.com/>

SteelCraft is an outdoor urban eatery that brings sustainable and high-quality craft food and drinks to Long Beach locals and neighborhood cities. Guests are served from repurposed shipping containers sourced from the Port of Long Beach and the Port of Los Angeles.

<http://www.howardcdm.com/?page=project&project=627>

EcoHouse – a custom-designed, state-of-the-art daycare facility with the mission to alleviate child homelessness – exemplifies HCDM's adopted environmentally-conscious philosophy. Howard CDM collaborated with Studio One Eleven to carefully plan the project with sustainable practices and green-building designs. In December of 2015, EcoHouse received its Gold LEED certification.

<http://www.howardcdm.com/?page=project&project=619>

KB HOME

Los Angeles-based KB Home is one of the largest and most recognized homebuilders in the United States and an industry leader in sustainability, building innovative and highly energy- and water-efficient new homes. KB Home was the first major homebuilder to commit to constructing all of its homes nationwide to EPA's ENERGY STAR® certified standard, as well as the first production homebuilder to implement EPA's WaterSense® water conservation standards. Building to the ENERGY STAR certified standard helps to lower monthly utility costs for homeowners, which the company demonstrates with its proprietary KB Home Energy Performance Guide® (EPG®). KB Home Sustainability Reports are published annually on Earth Day.

<http://www.kbhome.com/energy-efficient-homes>

MARK IV CAPITAL

Mark IV Capital is a privately held real estate firm founded in 1974. The company acquires, invests in, develops, and manages commercial projects utilizing a long-term approach to deploy capital in markets where existing drivers will propel future value. Mark IV Capital is actively working to increase sustainability and move towards an overall greener future by encouraging collaborative environments, building for quality and the long term providing outdoor environments for tenants, and developing projects in proximity to amenities. Mark IV Capital's properties will benefit the communities they are in and efficiently utilize the company's labor and capital. Mark IV Capital's vision is to be a world class provider of working environments for businesses.

<http://www.markiv.com/>

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ORANGE COUNTY ORGANIZATIONS

UNIVERSITY of CALIFORNIA, IRVINE

In 1965, the University of California, Irvine was founded with a mission to catalyze the community and enhance lives through rigorous academics, cutting-edge research, and dedicated public service. Today, UCI draws on the unyielding spirit of its pioneering faculty, staff and students who arrived on campus with a dream to inspire change and generate new ideas. UCI believes that true progress is made when different perspectives come together to advance our understanding of the world around us. And we enlighten our communities and point the way to a better future.

<http://www.uci.edu/>

SCHOOL of SOCIAL ECOLOGY, UNIVERSITY of CALIFORNIA, IRVINE

Through research, teaching and community engagement, the School of Social Ecology focuses on science based solutions to social and environmental problems.

<http://socialecology.uci.edu/>

UCI METROPOLITAN FUTURES INITIATIVE

The Metropolitan Futures Initiative at the University of California, Irvine aims to develop an improved understanding of communities and their potential for integrative and collaborative planning and action to ensure a bright future for the region. It approaches these goals by bringing together an interdisciplinary research team along with the insights and techniques of "big data" research.

<http://mfi.soceco.uci.edu/>

AMERICAN INSTITUTE of ARCHITECTS, ORANGE COUNTY CHAPTER

AIA Orange County is dedicated to the advocacy of its members, serves as the voice of the architecture profession, and serves as the resource for its members in service to society.

<http://aiaorangecounty.org/>

U.S. GREEN BUILDING COUNCIL, ORANGE COUNTY CHAPTER

The USGBC Orange County's mission is to engage all green building stakeholders to be the conduit of change for a more sustainable Orange County through innovative communication, education, resources and advocacy.

<http://www.usgbc.org/usgbc-orange-county>

UCI SUSTAINABILITY UC Irvine's Sustainability Initiative

UC Irvine is committed to preparing the next generation of thinkers, innovators, and entrepreneurs to help the world meet its profound environmental and social justice challenges. In 2014, the Office of the Provost and Executive Vice Chancellor created the Sustainability Initiative to provide a platform for interdisciplinary, community-engaged sustainability education and research. This platform enables UC Irvine to elevate established and emerging collaborations, maximize public impact, and augment the campus role in creating integrative solutions and resiliency in the critical resource, environment, climate, justice and health challenges we face.

<http://sustainability.uci.edu/>

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WATER UCI

Water UCI is a campus-wide initiative to serve as a coordinating vehicle to facilitate seamless collaboration across schools, departments, and existing research centers around questions of fundamental and applied water science, technology, management, and policy.

<http://water.uci.edu/>

IRVINE CAMPUS HOUSING AUTHORITY

Irvine Campus Housing Authority (ICHA) was created by the Regents of the University of California to develop and maintain University Hills, the for-sale and rental housing community on the campus of The University of California, Irvine (UCI). In the 31 years of its existence, University Hills has become an innovative model for other university employee housing programs. University Hills was created as an academic community in residence to provide affordable housing to eligible full-time employees. It is within walking distance of Irvine shopping, restaurants and entertainment, as well as campus academic and athletic activities and neighborhood recreational amenities. The community has three apartment communities, two condominium associations, townhomes, paired homes, single family detached homes and a few custom homes. In all, University Hills has 360 apartments and 1,066 for-sale homes on over 300 acres. The housing program is governed by a Board of Directors. Each condominium association has its own Board of Directors, and there is a Homeowners' Representative Board (HRB) advisory to the ICHA Board.

<http://icha.uci.edu/>

SUSTAIN ORANGE COUNTY

Sustain OC accelerates sustainability in the greater Orange County area through partnerships / clusters; as an information hub; internship / apprenticeship programs; advocacy; mentorship and advisory; networking and collaboration; platform to share best practices; social media promotional vehicle; roundtables, workshops and lunch and learns; and education.

<https://sustainoc.org/about-sustainoc/>

ENGAGE: A Professional's Course in Sustainability, offered by Sustain OC. ENGAGE targets corporate, government and non-profit professionals who want a basic understanding of Sustainability and to engage in the OC sustainability community. Individuals at all levels are invited to apply.

At UCI Applied Innovation, April 27 – June 29, 2017

<https://www.eventbrite.com/e/engage-a-professionals-course-in-sustainability-tickets-32504372453>

URBAN LAND INSTITUTE, ORANGE COUNTY / INLAND EMPIRE

ULI's mission is to provide leadership in the responsible use of land and in creating and sustaining thriving communities worldwide. ULI Orange County/Inland Empire carries forth that mission by serving this region's public and private sectors with pragmatic land use expertise and education. ULI's members form a spectrum of land use and development disciplines, including developers, builders, investors, designers, public officials, planners, real estate brokers, attorneys, engineers, lenders, academics and students.

<http://orangecounty.uli.org/>

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ORANGE COUNTY ORGANIZATIONS

U.S. ZERO WASTE BUSINESS COUNCIL

The U.S. Zero Waste Business Council's (USZWBC) mission is to educate, inform and document the performance of Zero Waste Businesses using scientific methods to help businesses and communities become more healthy and sustainable. USZWBC will create a solid foundation that advances the integrity and credibility of Zero Waste. Zero Waste businesses save money, are more efficient, manage risk, reduce litter and pollution, cut greenhouse gases, reinvest resources locally, create jobs and add more value for their business and the community. USZWBC has adopted the only peer-reviewed, internationally accepted definition of Zero Waste, as developed by the Zero Waste International Alliance (ZWIA).

<https://uszwbc.org/>

EARTH FRIENDLY PRODUCTS / ECOS

Family owned and operated since 1967, ECOS™ is a team of mothers, fathers, chemists, visionaries and pioneers who passionately uphold the idea that everyone should have access to delightful, affordable cleaning products. Making ECOS™ in its four carbon-neutral plants has enabled the company to keep prices low and quality high, shattering the myth that buying "green" has to be expensive. Formulated with pure, thoughtful science and manufactured using Zero-Waste guidelines, ECOS is made in facilities powered by renewable energy. Created with mindful ingredients that are safer for people and the planet, ECOS is the delightfully Plantlicious™ way to protect family and home.

<http://ecos.com/>

MVE + PARTNERS

For more than forty years MVE has had the great fortune to design influential and award-winning projects throughout the world. MVE's practice is diverse with an eclectic portfolio of successful multifamily, mixed-use, commercial, resort, retail, institutional, and recreational communities and master plans. Its mission as architects is to design with passion, collaborate successfully with clients, and sustainably enrich the communities it influences. MVE values dedication, innovation, professionalism, success, and legacy. Together, MVE envisions a legacy of exceptional architecture and enduring environments throughout the world.

<https://www.mve-architects.com/>

Thanks to our Sponsor VCA GREEN

VCA Green, a division of VCA Code, provides a full scope of green building consulting and commissioning services. It is VCA Green's mission to help clients achieve sustainability goals and long-term cost savings for their projects through best practices and budget efficiency. VCA Green delivers expert consulting and technical services for green building certification, such as LEED® and GreenPoint Rated, and offers code compliance services for CALGreen. VCA

Green also offer HERS, commissioning, energy modeling and training to provide a complete sustainable service package from project conception through building operations. The company's bottom line objective is to pursue sustainable opportunities for its clients and help them achieve their green building goals.

<http://vca-green.com/>



sustainable opportunities™