



Building the future one block at a time.

# Living City Block

Regenerative  
and resilient cities that are  
culturally thriving,  
energy and resource hyper-efficient  
and economically sustainable

Living City Block will create a  
replicable, exportable, scalable and  
economically viable framework for the  
resource efficient regeneration of  
existing urban  
communities



Living City Block is a not for profit 501 (c)(3) Colorado Corporation.

## The Problem LCB Addresses

The United Nations and others predict that by the year 2050, 80% of the world's population will live in cities and that 80% of our current building stock will still be in use at that time. To effectively confront long-term global issues of **economic prosperity, energy and national security, and climate stabilization**, it is imperative we address energy efficiency and sustainability within this rapidly expanding urban context. LCB will prove that we can solve these urgent problems while also creating regenerative urban communities that are resource efficient, economically thriving, more livable places to live, work and play.

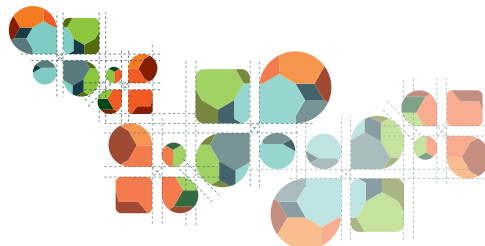
## LCB's Unique Approach

LCB addresses these issues in the context of urban blocks, rather than at the larger city level or the smaller scale of a single building.

Living City Block introduces a framework that organizes building and business owners, and residents of defined urban neighborhoods into consortiums to create opportunities of scale otherwise not available to them.

In addition, very few organizations are working with **small to medium-sized existing commercial buildings**, particularly in the areas of deep energy retrofitting and renewable integration. On their own, these smaller commercial buildings are unable to accomplish deep and impactful work. LCB changes that.

LCB will do this within a framework that is exportable, replicable and scalable



## What Living City Block Does

### CREATE A UNIQUE "AGGREGATION" MODEL

Living City Block is pioneering an exportable frame work to radically improve urban neighborhoods:

- Aggregating otherwise unrelated building, residence and business owners
- Building a consortium that can achieve together what no single entity could do on their own
- Addressing sustainability issues across a variety of spectrums, from energy to water to waste to mobility to livability

### CRACKING THE ENERGY RETROFIT FINANCE CODE

Living City Block is **developing a business and finance model to ensure that the financial markets** will provide competitive financing for energy efficiency and renewable energy:

- Packaging equity and debt financing in unique ways and serving as a 3rd party aggregator for block-wide consortiums
- Attracting energy "investors" through aggregating larger amounts of building square footage, thus creating returns that are acceptable to all parties
- Providing finance and energy account management services for shared utility rebates and tax credits



### CREATE MORE LIVABLE CITIES

As 4 out of 5 of us will be living in cities in the not-too-distant future, urban neighborhoods must be healthier, more sustainable places:

- LCB will prove that sustainability leads to better urban communities
- LCB will track and verify the clear relationship between more efficient built environments and healthier, happier, more productive people



**Lower Downtown Denver** has been at the leading edge of urban development many times in its past. Through **Living City Denver LoDo** it will be at that leading edge once again.

Located between 15th & 16th Streets and Wynkoop & Blake in the historic district of Lower Downtown Denver, the project footprint consists of 16 different buildings with over 40 owners and comprising over 750,000 square feet of aggregated building space. It is adjacent to Union Station and the 16th Street Mall, and will focus on the intersection of **“Historical Preservation and Sustainability.”**

In support of the innovative and impactful work that LCB is undertaking in Denver, the US Department of Energy has granted LCB a **technical assistant award** through its Commercial Building Partnership Program. Working with our key partners the Alliance for Sustainable Colorado, the National Renewable Energy Lab and Architectural Energy Corporation, this award will allow LCB to pioneer block-wide energy efficiency and renewable integration.

**GOALS FOR LIVING CITY DENVER LODO**

<b>2010</b>	Energy Modeling and Implementation Planning
<b>2012</b>	Block-Wide Energy Savings of 50%
<b>2014</b>	Block-Wide Energy Savings of 75 - 80% - Full Measurement and Verification Program in place
<b>2016</b>	2 Net-zero Historic Building Retrofits - Low water use, zero waste neighborhood - Places, Spaces and Urban Agriculture Programs running

**WWW.LIVINGCITYBLOCK.ORG**  
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**Sister Cities**

Living City Block has launched additional projects in Washington, D.C. and Brooklyn, New York. LCB is pursuing a rapid expansion strategy in order to prove that our framework will work in very different cities, climates and building stock conditions.

**Living City D.C. 14th & U.** is located in a rapidly re-developing district of the nation’s capitol. Comprising two square blocks of mixed-use buildings, this community is also home to a large D.C. government building, three affordable housing structures and a dozen restaurants and night clubs. The issues that LCB will be able to explore and address in this D.C. project are quite different from the pilot project in Denver.



**Living City Brooklyn Gowanus** is located in the historically working class neighborhood of Gowanus Canal. Dominated by light industry that surrounded the canal over the past two centuries, the community is striving to overcome the stigma of severe pollution caused by this industrial activity. A mixture of traditional Brooklyn Brownstone homes and century old and newer commercial brick buildings, **Living City Brooklyn Gowanus** offers LCB a third entirely different set of issues and opportunities to explore.



To see the full listing of Living City Block academic, government, corporate and not-for-profit partners, please visit [www.livingcityblock.org/partners](http://www.livingcityblock.org/partners)

WWW.LIVINGCITYBLOCK.ORG

**Support Living City Block**

Living City Block is a 501 (c)(3) not for profit organization. Our work relies on the support of individual donors, and grants from government and private foundation sources.

To Support Living City Block, please contact:

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**How LCB Will Use Your Support**

- Use its non-profit status to create more livable and vital urban communities in cities across the US
- Bring together the best in both proven and cutting edge technologies and systems to create exemplary resource use neighborhoods
- Measure and verify all outcomes to prove the efficacy of LCB’s framework as a model for accelerated scalability

