



AN INNOVATION OF

IFC

**International
Finance Corporation**
WORLD BANK GROUP

GREEN BUILDINGS

FOR A SMARTER WORLD

Tools for Building Energy Efficiency: Resources for Policy and Project Implementation

Ommid Saberi - 6/02/2016

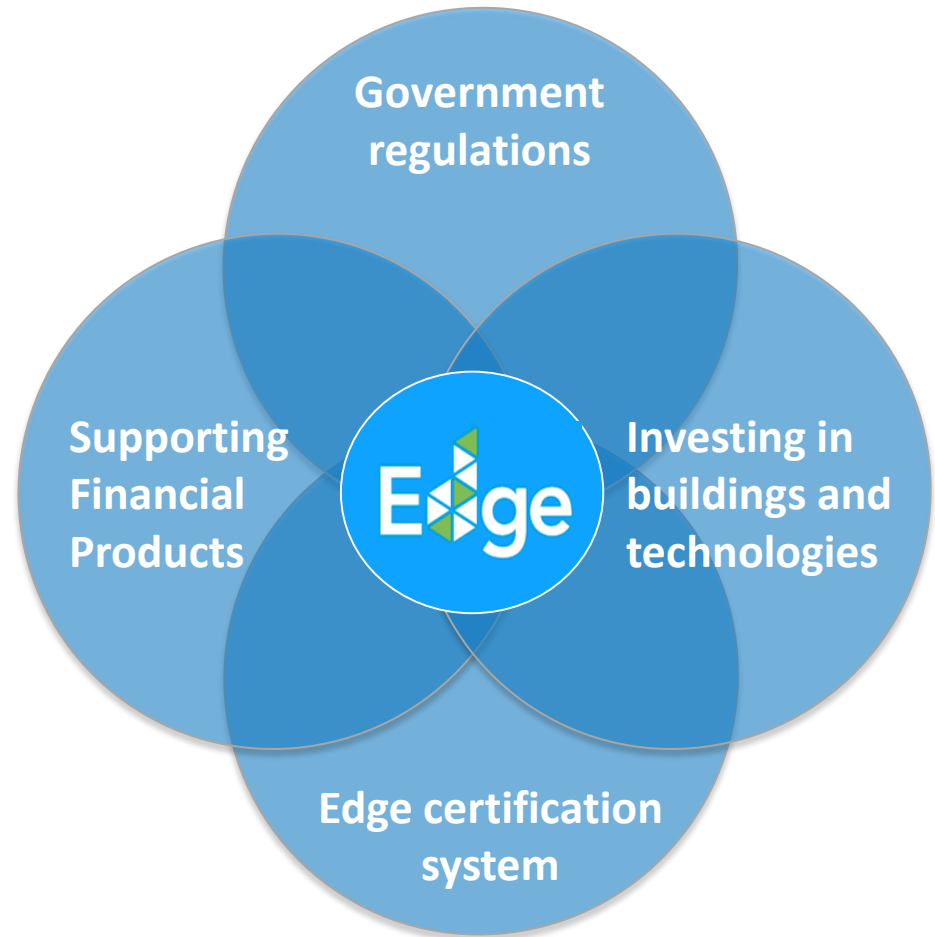
www.edgebuildings.com

THE EDGE PROGRAM ENGAGES MULTIPLE STAKEHOLDERS

The EDGE program: a menu of interventions

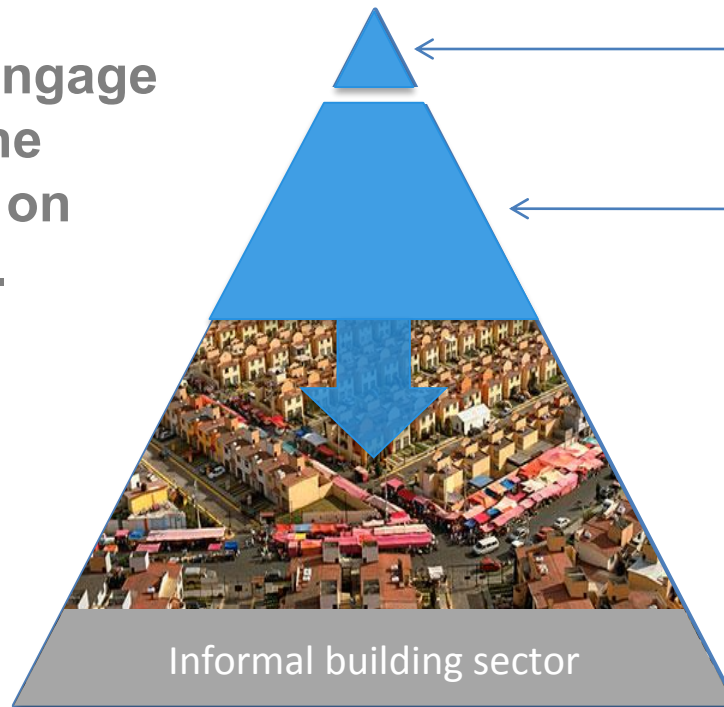
to engage with multiple stakeholders in the construction ecosystem [policy-makers, developers, industry associations, buyers and bankers], leveraging experience, expertise and convening power across the World Bank Group.

Country level activities are selected according to the local environment.



WHAT WILL IT TAKE TO TRANSFORM THE BUILDING SECTOR?

There is a clear opportunity to engage much more of the market to focus on green buildings.



Current ratings systems focused on top-tier clients have provided leadership

Emerging markets need a simple, quick, and affordable rating system for market transformation – making it accessible to a majority of the building industry

The market needs a simple, quick, and affordable rating system for market transformation.

THE SOLUTION IS EDGE: A SOFTWARE, A STANDARD, AND A GREEN BUILDING CERTIFICATION SYSTEM.



20%

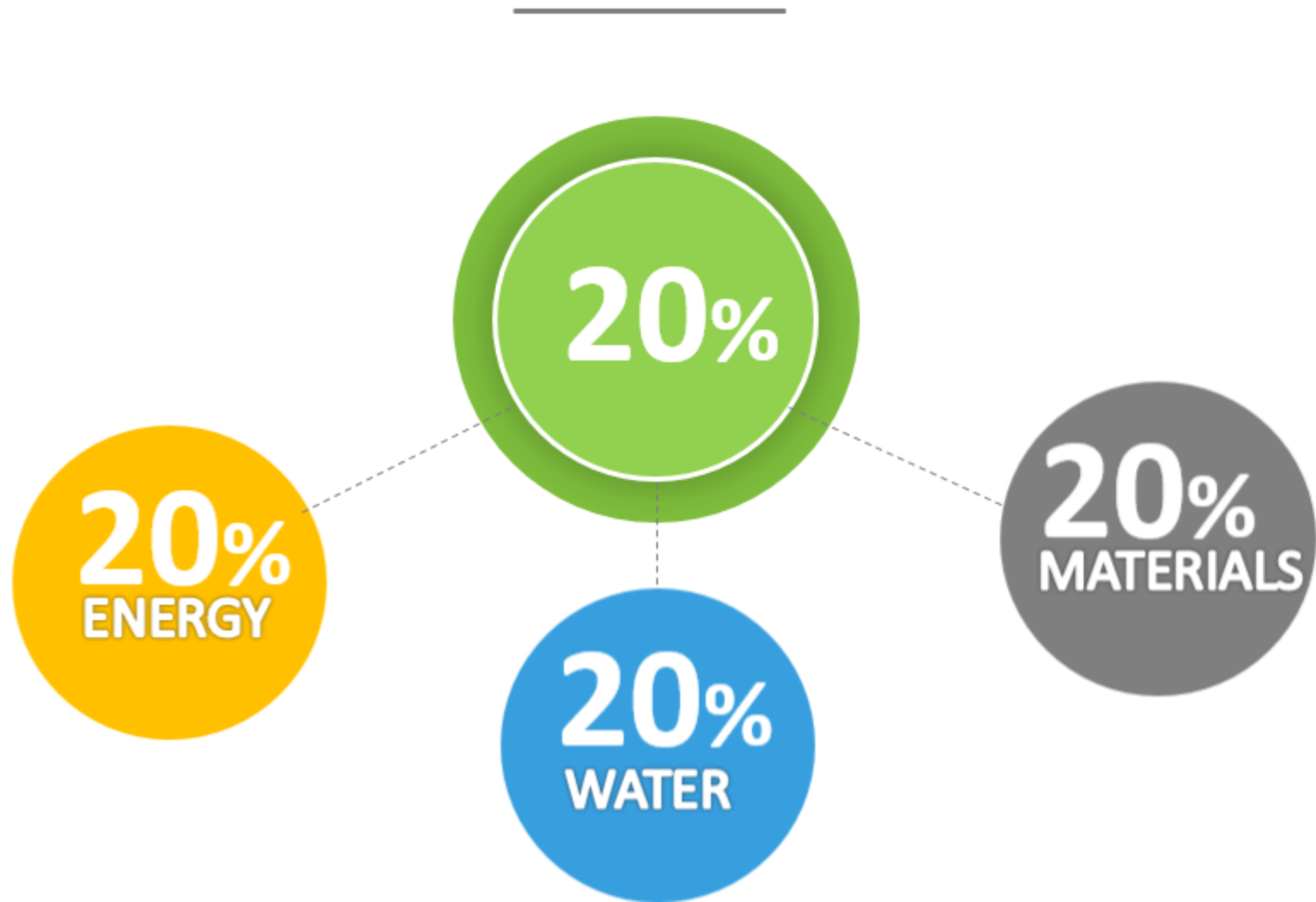


THE **FREE** SOFTWARE SHOWS HOW YOU CAN CUT BACK ON THE RESOURCE INTENSITY OF YOUR BUILDING DESIGN.



www.edgebuildings.com

THE EDGE STANDARD FOCUSES ON **RESOURCE EFFICIENCY**, KEEPING CERTIFICATION ACHIEVABLE.



THE EDGE CERTIFICATE LISTS SAVINGS AND MEASURES

THIS CERTIFIES THAT
**Clubview Residential Development
Unit 1**
HAS ACHIEVED AN
EDGE PRELIMINARY CERTIFICATE
CERTIFICATE NUMBER
LP4-ZAF-15129665500123-1-P

Exemplifying achievement in
the following areas:

25%
Energy Savings
24%
Water Savings
54%
Less Embodied Energy in Materials

Edge Homes
Excellence In Design
For Greater Efficiencies

DEVELOPED BY
Kale Developments
CERTIFIED BY
Green Building Council South Africa
Brian Wilkinson, CEO
Date of Issue: 11/1/2015

GREEN BUILDING COUNCIL SOUTH AFRICA
WORLD BANK GROUP
THE WORLD BANK IFC International Finance Corporation

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Excellence In Design
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THIS CERTIFIES THAT
Clubview Residential Development, Unit 1
Von Willich Avenue, Clubview
Centurion
Pretoria, Gauteng 0110
South Africa

DEVELOPED BY
Kale Developments

HAS ACHIEVED AN
EDGE PRELIMINARY CERTIFICATE

CERTIFICATE NUMBER
LP4-ZAF-15129665500123-1-P

WAS AUDITED BY
Iminathi Danjuma
EDGE Software Version: 2.0.0

CERTIFIED BY
Green Building Council South Africa

ENERGY MEASURES
Reduced Window to Wall Ratio
Natural Ventilation
Heat Pump for Hot Water
Energy-Saving Light Bulbs - Internal Spaces
Lighting Controls for Common Areas & Outdoors
Smart Meters

WATER MEASURES
Low-Flow Faucets for Kitchen Sinks
Dual Flush for Water Closets

MATERIALS
External Walls: Solid Dense Concrete Blocks
Internal Walls: Solid Dense Concrete Blocks

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The EDGE standard requires 20% efficiency in energy, water and materials compared to a local benchmark. Predicted energy is not a guarantee of future performance. Energy savings may be associated with virtual energy for comfort depending on the presence of heating/cooling systems. Virtual energy items will not contribute savings to utility bills.
This certificate is issued by the Certifier based on the audit by the Auditor, and is subject to the terms and conditions of the Certifier. Contact edge@ifc.org if the above measures are not consistent with your observation on the project.

DATE OF ISSUE
11/1/2015
DATE OF EXPIRY
10/30/2018

WORLD BANK GROUP
THE WORLD BANK IFC International Finance Corporation

Edge Homes
Excellence In Design
For Greater Efficiencies

IFC
International Finance Corporation
WORLD BANK GROUP

EDGE IS AVAILABLE FOR NEW RESIDENTIAL AND COMMERCIAL BUILDINGS.



HOSPITALS

HOTELS

OFFICES

HOMES

RETAIL

BUILD A GREEN PORTFOLIO AND BECOME A PART OF A GROWING COMMUNITY OF **GLOBAL LEADERS**.



CURRENT LOCAL CERTIFICATION PARTNERS

A TARGET 20% OF NEW CONSTRUCTION CERTIFIED GREEN BY YEAR 7 OF LAUNCHING A LOCAL PROGRAM

Costa Rica	India	Indonesia	South Africa	Vietnam
 Green Building Council Costa Rica	 Green Business Certification Inc.	 Green Building Council Indonesia	 Green Building Council South Africa	 SGS

GLOBAL CERTIFICATION PARTNERS



thinkstep-SGS



Green Business
Certification Inc.

EDGE IS DIFFERENT FROM OTHER CERTIFICATIONS



FINANCIAL CALCULATOR No other certification system has free software to calculate the cost of going green.



QUANTITATIVE APPROACH EDGE uses projected performance for a uniquely measurable approach to certification.



ONE-STOP SHOP Efficiency simulations are executed in EDGE – software or special consulting is no longer needed.



PROJECT INTEGRATION Certification compliance can be achieved with invoices, photos and simple architectural drawings.



LOCATION-SPECIFIC EDGE is adapted to specific climates and lifestyles for the most accurate results.



GREEN BUILDINGS FOR ALL Fast and low-cost, EDGE makes certification easy for everybody.

BANKS, FUNDS, HOTELS AND OTHER DEVELOPERS AND DESIGNERS ARE TURNING TO EDGE



Development Banks



Banks



Real estate funds



Hotels



Other



Perkins Eastman

GRESB Green Bond Guidelines





THANKS

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