

HOMES

BUILDINGS



SUSTAINABLE BUILDINGS & CITIES

Objective of the Initiative To achieve its final objective of promoting a worldwide adoption of sustainable buildings and construction practices, SBCI is implementing a process in 4 steps.

STEP 1 - Provide a common platform for the stakeholders

SBCI provides a common platform to all buildings and construction stakeholders for addressing sustainability issues of global significance, especially climate change.

STEP 2 - Establish baselines

SBCI establishes globally acknowledged baselines based on the life cycle approach, with a first focus on energy efficiency and CO2 emissions.

STEP 3 - Develop tools and strategies

SBCI will develop tools and strategies for achieving a wide acceptance and adoption of sustainable building practices throughout the world.

STEP 4 - Implementation through pilot projects

SBCI promotes to key stakeholders the adoption of the above tools and strategies which will be evaluated through pilot projects.



GREENHOUSE GAS EMISSIONS

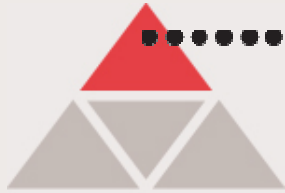


50%:2020

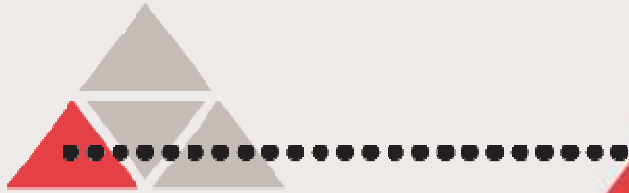
SKILLS AND TECHNOLOGIES AVAILABLE NOW



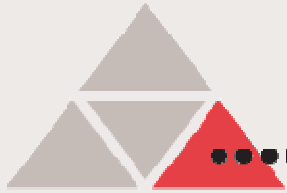
1.REPORTING / 2.BENCHMARKING / 3.MONETISATION



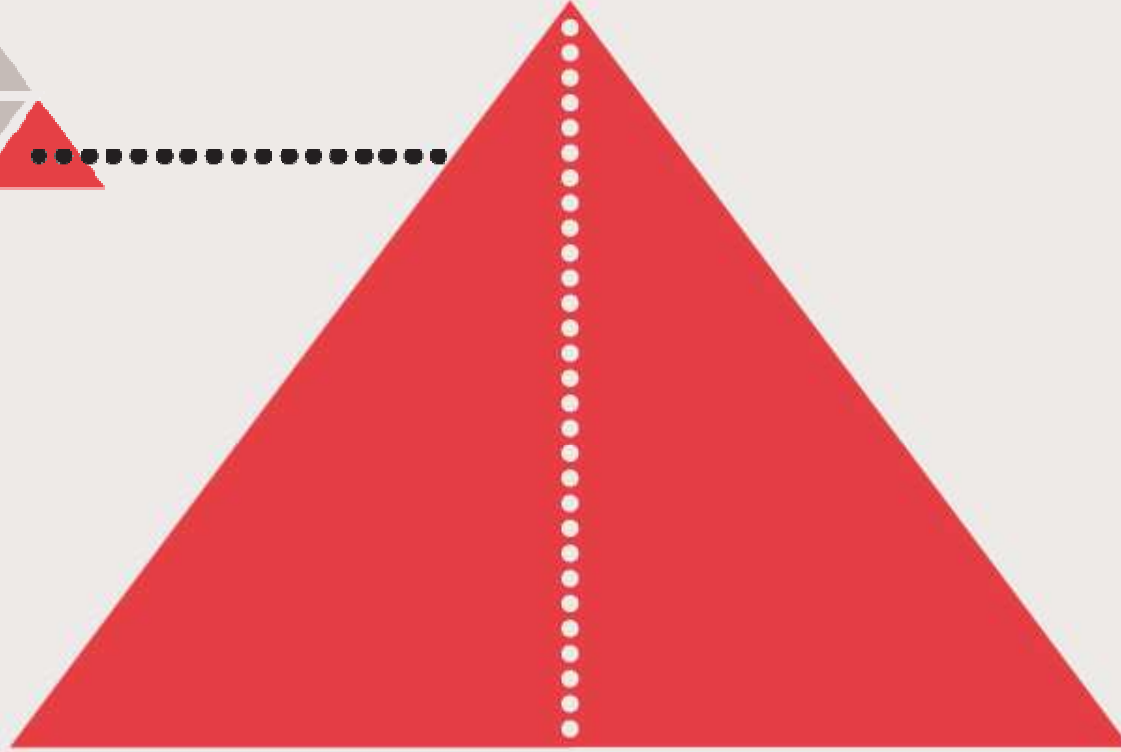
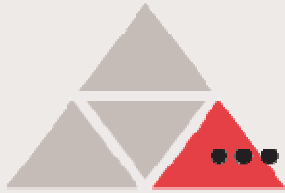
REPORTING



BENCHMARKING



MONETISATION

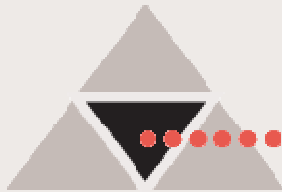


STEP 1:
FINANCIAL INCENTIVES

STEP 2:
OBLIGATION TO PERMIT

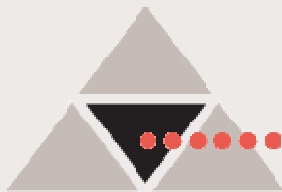


DATA



ENERGY CONSUMPTION / BUILDING TYPE / LOCATION / ENERGY INTENSITY / CARBON INTENSITY

DATA

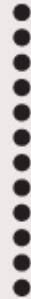
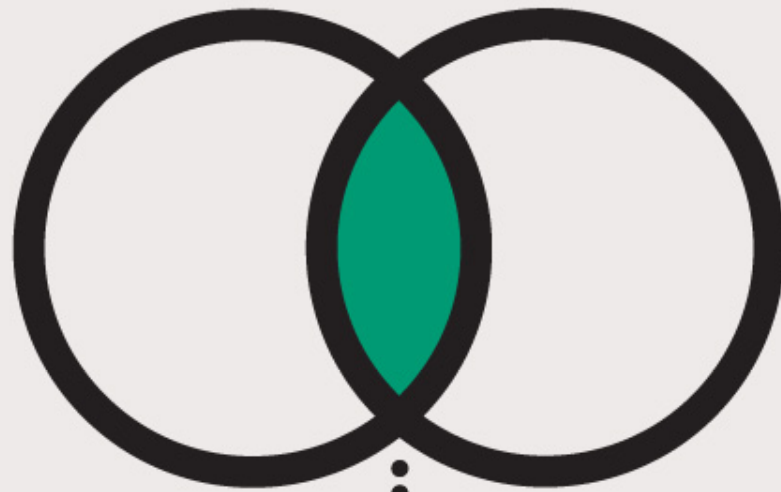




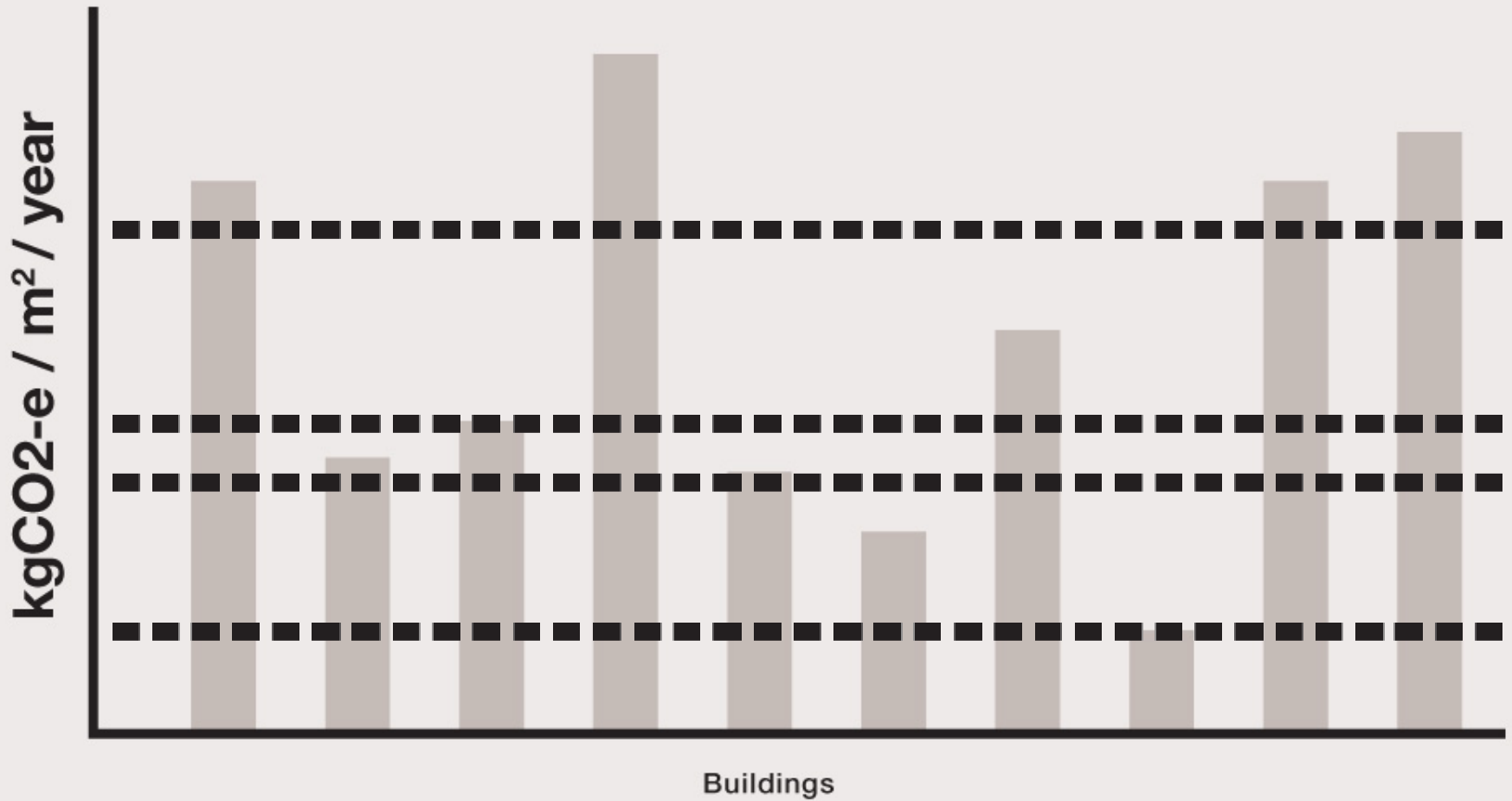
SIMPLE - AFFORDABLE - UNIVERSAL



LEVEL



PARTNERSHIPS



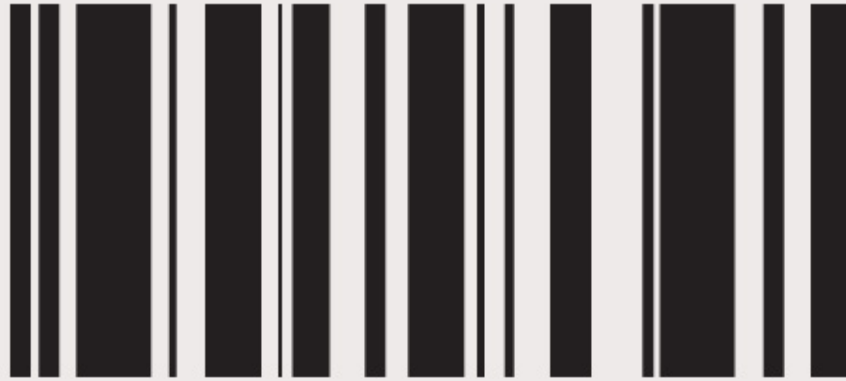
NO BASELINE = NO VALUE



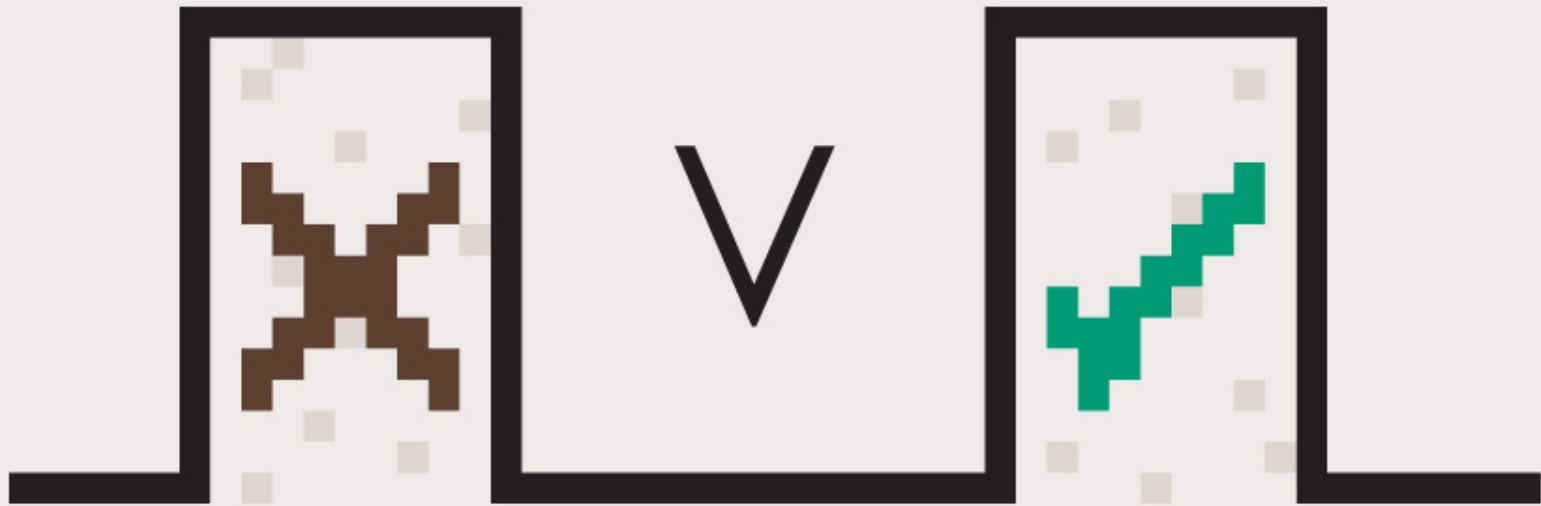
UNSBICI - GREEN BUILDING COUNCILS
- RESEARCH INSTITUTIONS



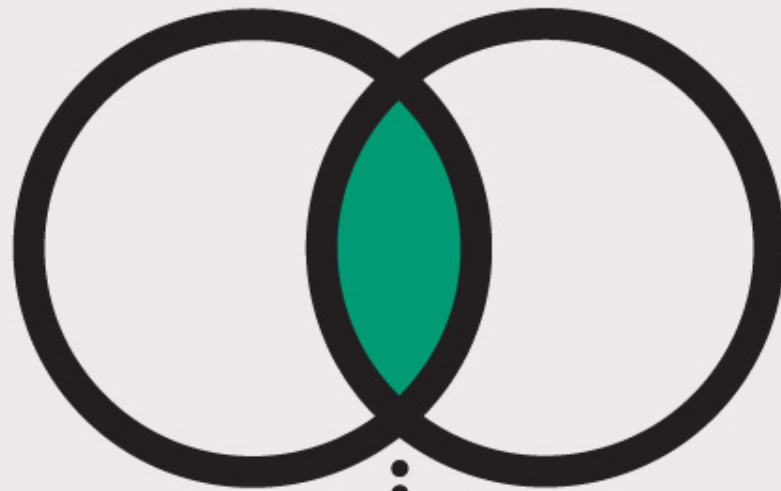
VALUE - LABELING



RESEARCH PARTNERS



BROWN V GREEN

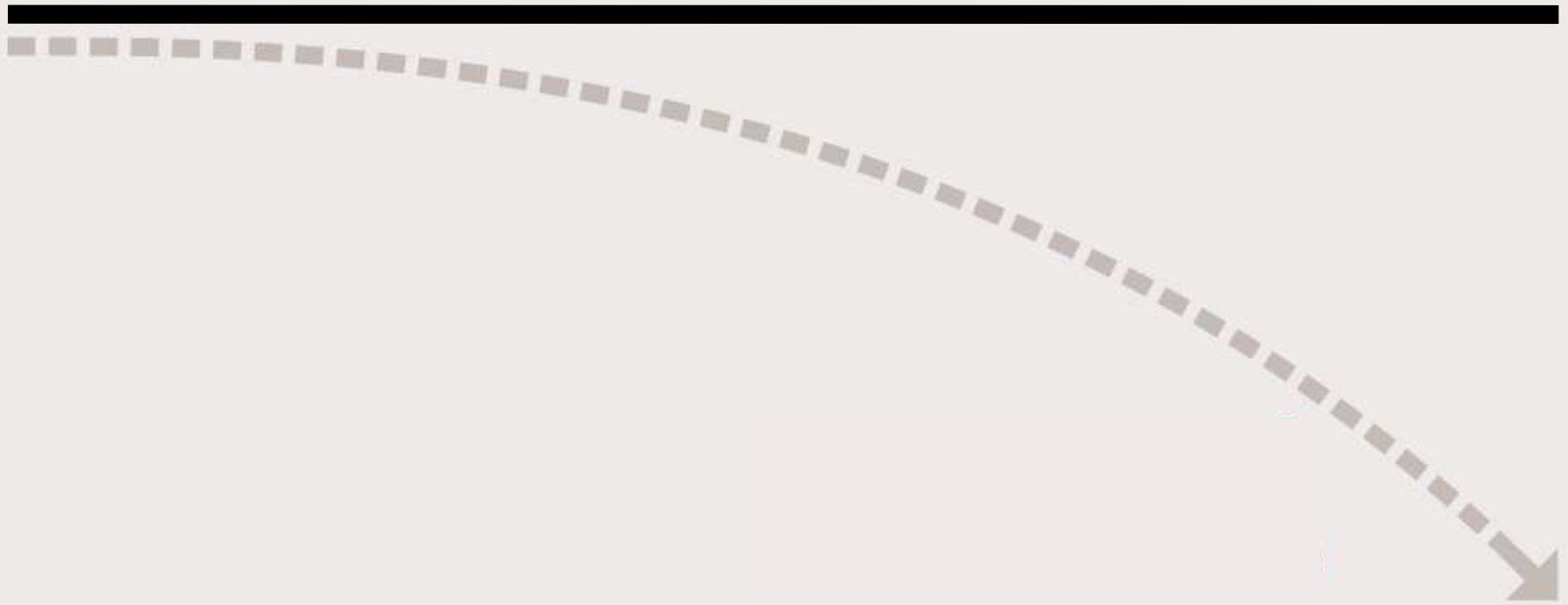


UNSBCI & GOVERNMENTS

SET A BASELINE



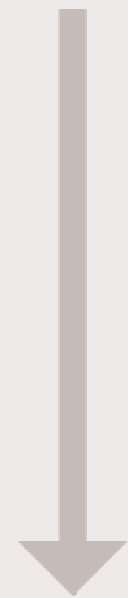
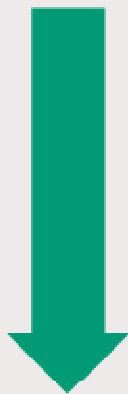
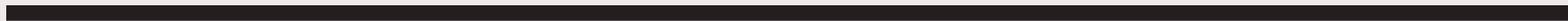
HAVE A TARGET OR TRAJECTORY

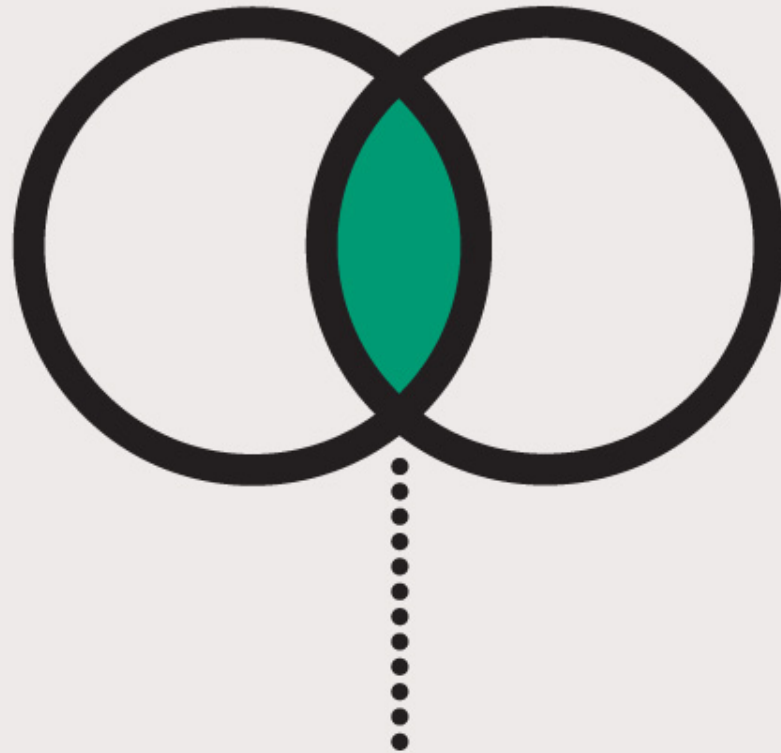


kWh

ACHIEVING
NEW BASELINE

CO₂e





A SUSTAINABLE BUILT ENVIRONMENT

MANY TOOLS PROMOTING SUSTAINABLE PRACTICES IN THE SECTOR ALREADY EXIST.

THE SBCI WILL MAKE THE BEST USE OF THESE, RATHER THAN DEVELOPING NEW ONES.

THERE IS A CLEAR NEED TO COMPLEMENT EXISTING TOOLS AND STRATEGIES WITH ADDITIONAL MEASURES, TO ENCOURAGE A WIDER UPTAKE.

SBCI ACTIVITIES MAY INCLUDE :

- POLICIES
- LEGISLATIVE AND TAX INCENTIVES
- TO EDUCATION
- TRAINING, INFORMATION AND TECHNOLOGY TRANSFER
- TO PARTNERSHIPS, ECONOMIC INCENTIVES
- RECOGNITION PROGRAMS



ALL PARTNERS