



WORLD
GREEN
BUILDING
COUNCIL

The Future of Certification

11:15 – 12:30

The Future of Certification

Is 100% certification of the market possible?



Outline of Session

- WGPC Member Survey results
- Peter Templeton, USGBC
- AnneMarie van Doorn, DutchGBC
- Anne-Claire Freyd, FranceGBC
- Panel discussion

World GBC Mission – where does certification fit in?

- Mission of World Green Building Council is to enable green building and sustainable communities through leadership and market transformations
- Certification is one way we can achieve this but is it the silver bullet?
- Do we want 100% certification or is a multi-faceted approach needed?



Our Certification Aims

- At COP21 Green Building Councils committed to green an area twice the size of Singapore
- More than 1.25 billion square metres of buildings will be registered, renovated or certified as green building space by 2020

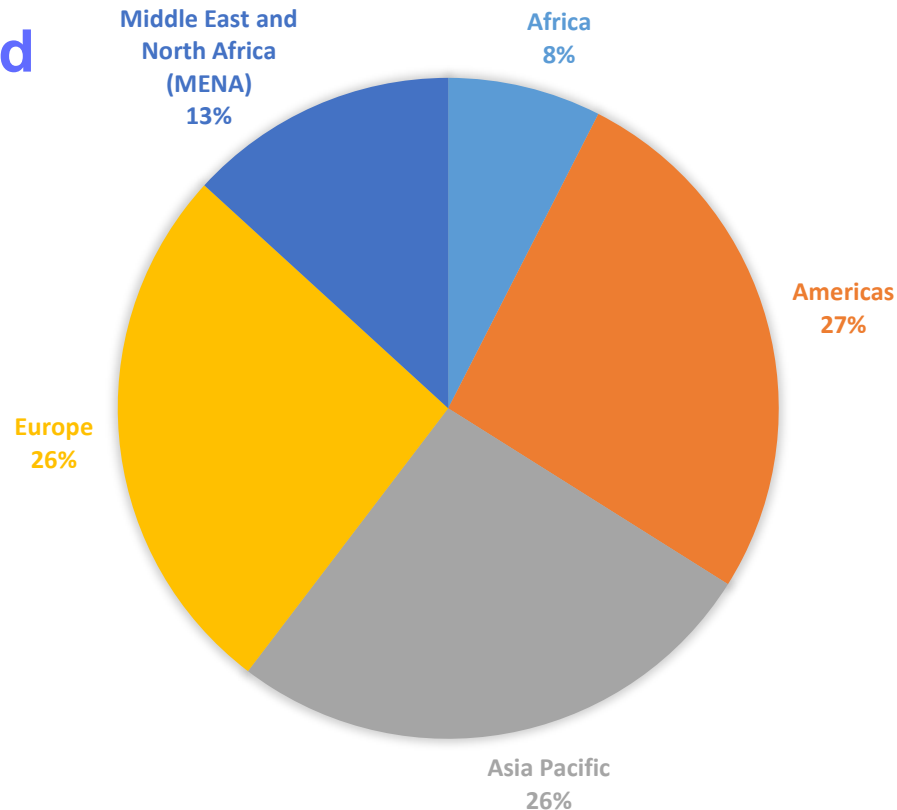
WorldGBC Member Survey

Focus on certification results

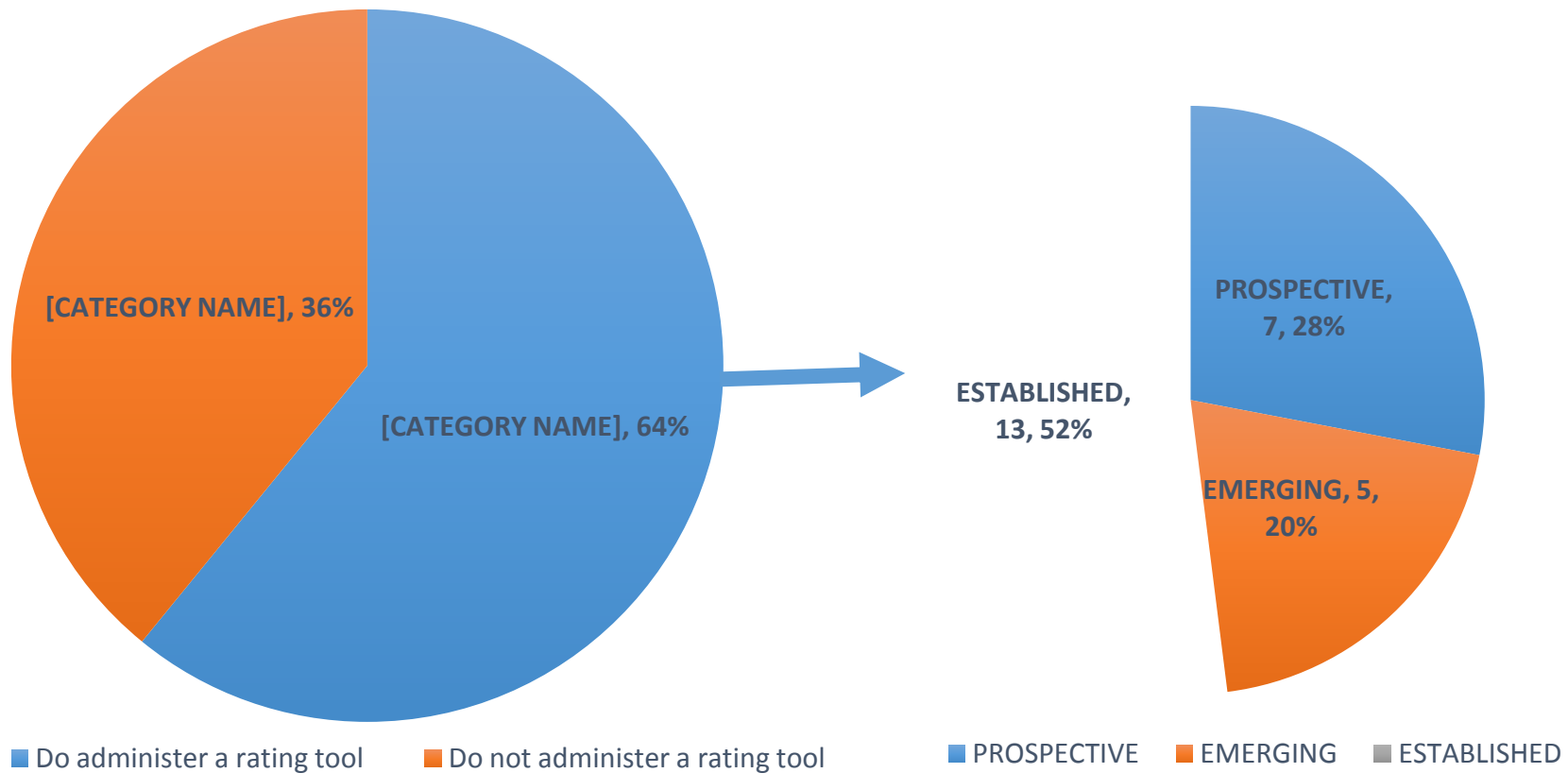
Membership Survey

53 GBCs participated

- 45% established
- 21% emerging
- 34% prospective



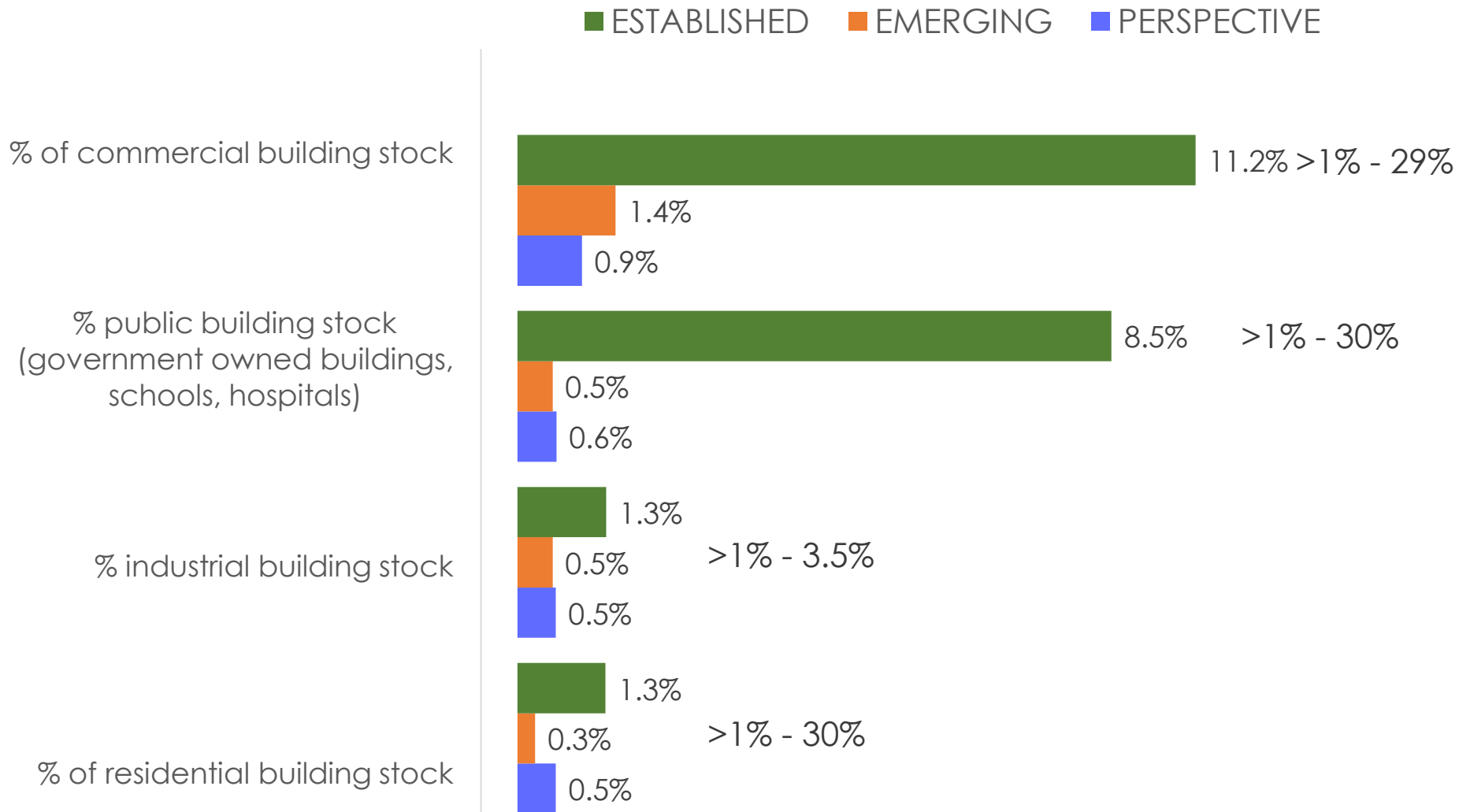
How many GBCs use ratings tools?



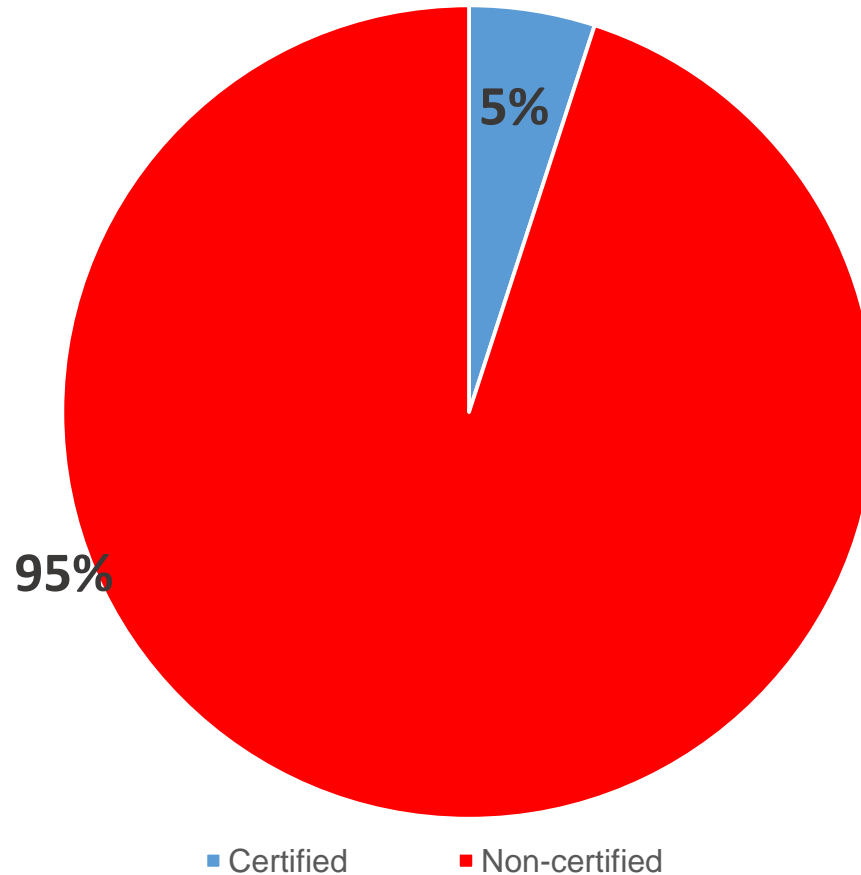
Certification – opportunity and challenge!

Challenge	Opportunity
<p>Costs of process , not only the certificate</p> <p>Certification fatigue</p> <p>Complex certification systems</p> <p>Lack of benchmarks and consistency</p>	<p>Certifications are a must have for new buildings</p> <p>Interest for certification</p> <p>Certifications provides opportunity for new education</p>

Average amount of Certified green building space in regional markets (m²)



Commercial Building Stock
– % by market



We have only
registered avg
5% of
commercial
buildings in each
market.

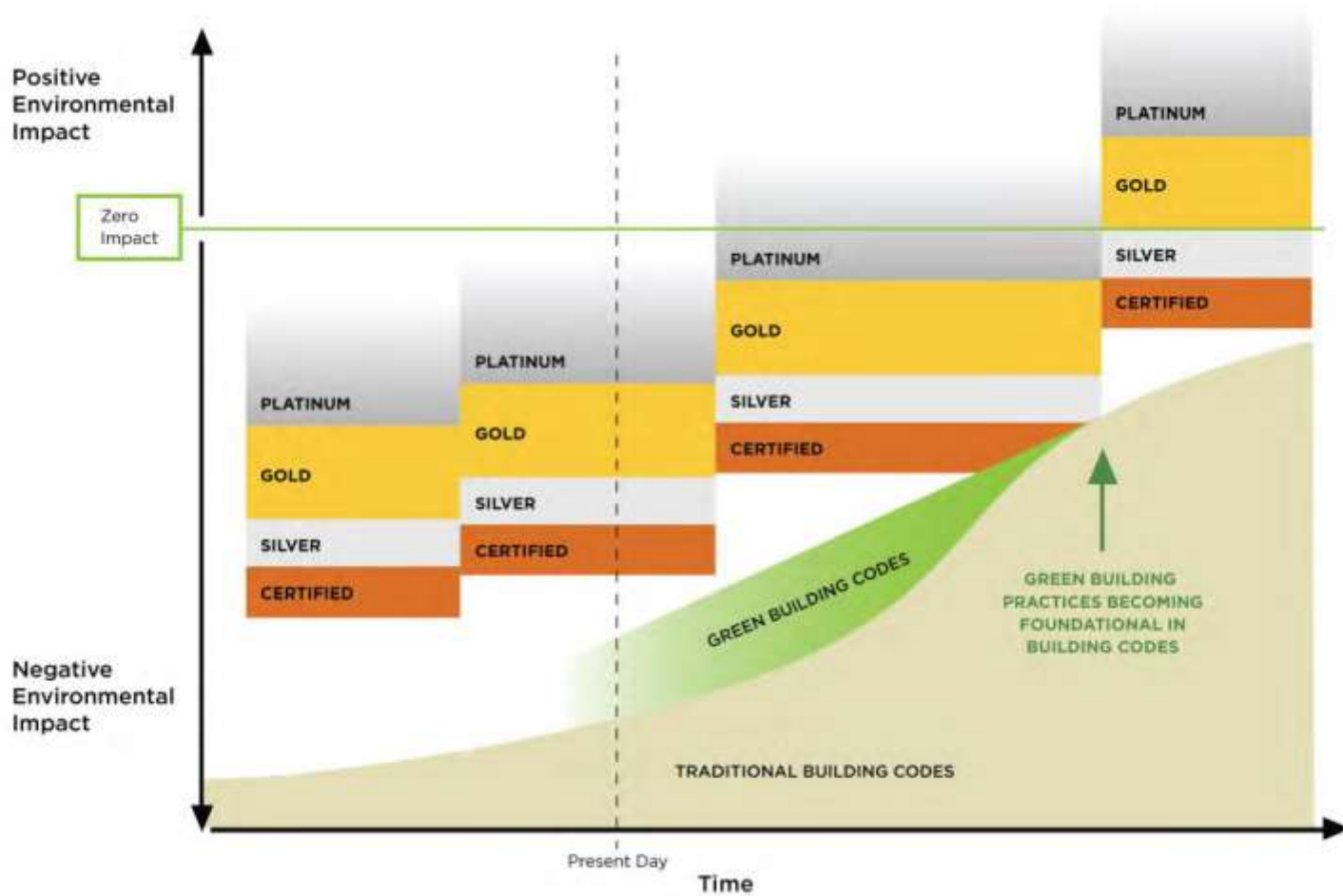
Is that enough?

Let's hear from you!

Peter Templeton
USGBC



SAFE
HEALTHY
INCLUSIVE
SMART
PRODUCTIVE
EFFICIENT
EQUITABLE
SUSTAINABLE
RESPONSIVE
RESILIENT



Collecting Rent

Business As Usual

Best Practice

Beyond



Beyond

LEED® PATH TO PERFORMANCE

LEED-CERTIFIED



GET STARTED
at LEEDON.io

Submit data,
receive score

Monitor
and manage
performance

Submit for
GBCI Review

Receive an
updated LEED
certification

Keep your certification
up to date annually to
demonstrate impact and
ongoing commitment

Achieve LEED
certification

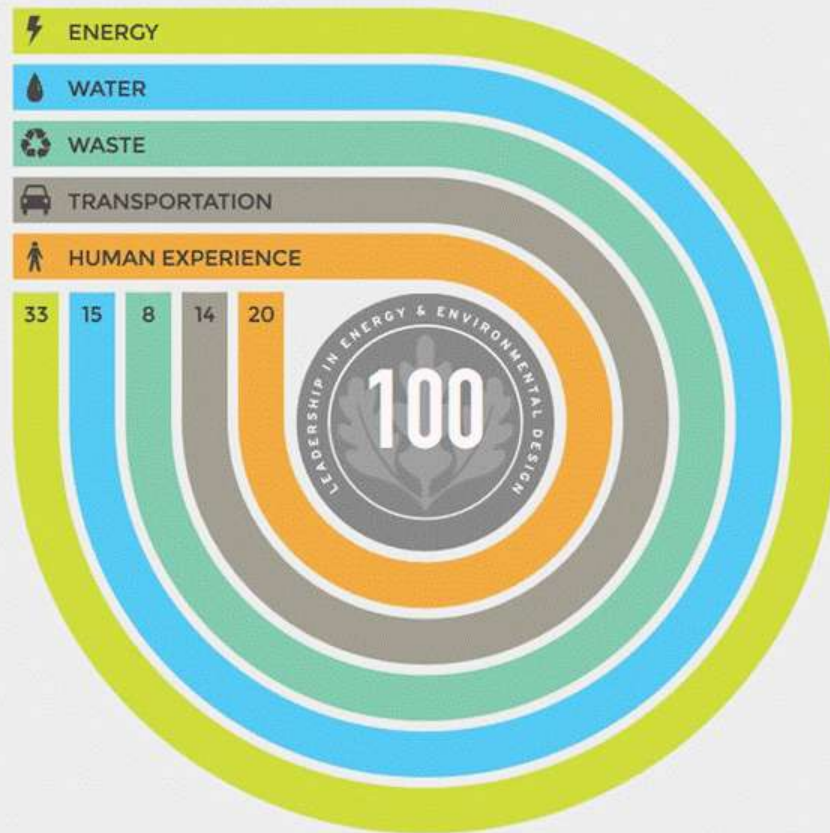
Achieve a minimum performance score
of 40, complete LEED v4 prerequisites
and optional credits for Base Score



OTHERS



PERFORMANCE SCORE



- Zero carbon from energy use
- Zero potable water use
- Zero waste generation
- Zero carbon from transportation
- Exceptional indoor environmental quality



LEED
WELL
PEER
GRESB
SITES
EDGE
PARKSMART
ZERO WASTE
ICP

AnneMarie van Doorn
DutchGBC

Dutch Green Building Council

Role of Certification

Annemarie van Doorn

[RE]BUILDING THE FUTURE



Six roles, to achieve the mission

DGBC is a not-for-profit organization with 386 participants

Communicate

- DGBC communicates independently about innovations, best-practices, projects and news

Educate

- DGBC offers BREEAM trainings and courses, and education programs on themes related to the built environment such as circular economy and health/wellbeing for professionals

Connect

- As an independent non-profit organisation DGBC connects participants, government, end-users and other stakeholders in the construction and real-estate sector

Certify

- DGBC issues certificates to measure the sustainability of urban environments as well as to offer the market a common language of sustainability

Encourage

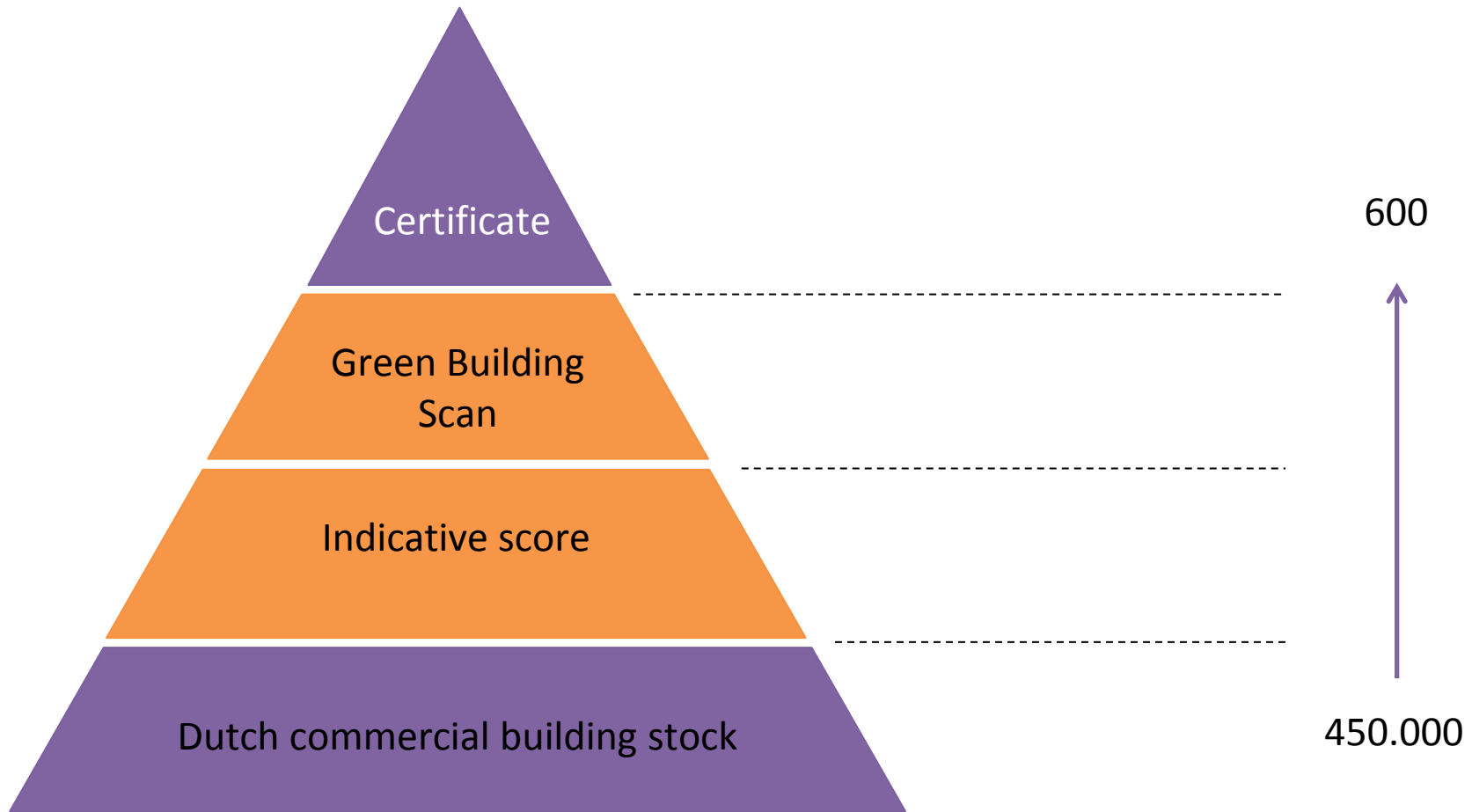
- DGBC stimulates sustainability of the urban environment by sharing knowledge, developing tools, initiating investigations.

Inspire

- DGBC inspires its members by meetings around sustainability and personal leadership

- 2008: start of DGBBC
 - Amsterdam Zuid-As business district
 - Market driven; need for a international language to communicate and measure on sustainability ambitions
 - BREEAM adopted
- 2010: launch of the New Construction scheme
 - 2017/ 2018: Update: Refurbishment and Fit Out and New Construction
 - Health and Wellbeing
 - Circular Economy
 - Net Zero
- 2011: In-Use
 - Last september at the WGBW: Launch of the 2016 In-Use version
- 2012: Area (re)development
- 2013: Demolition
- 2016: Residential

- Nearly 700 buildings certified
 - 450 New Construction
 - 250 In-Use
- 4.5 million m2
- Successful, but... only 1% of the Dutch commercial buildings stock
- Ambition of the DGBC: “a sustainable built environment”
- DGBC will launch a **Deltaplan** to accelerate the achievement of the Paris Climate goals
 - More ambitious than government rules
 - DGBC at National Climate Summit
 - DGBC Green Leadership Summit
- First step: insight in the Dutch building stock
 - 10 minutes Green Building Scan, based on BREEAM



Green Building Scan

Kaart - Dutch Green Building

www.greenbuildingscan.nl/?lat=52.07&lng=5.47&zoom=7



Dutch Green Building Scan

Kaart

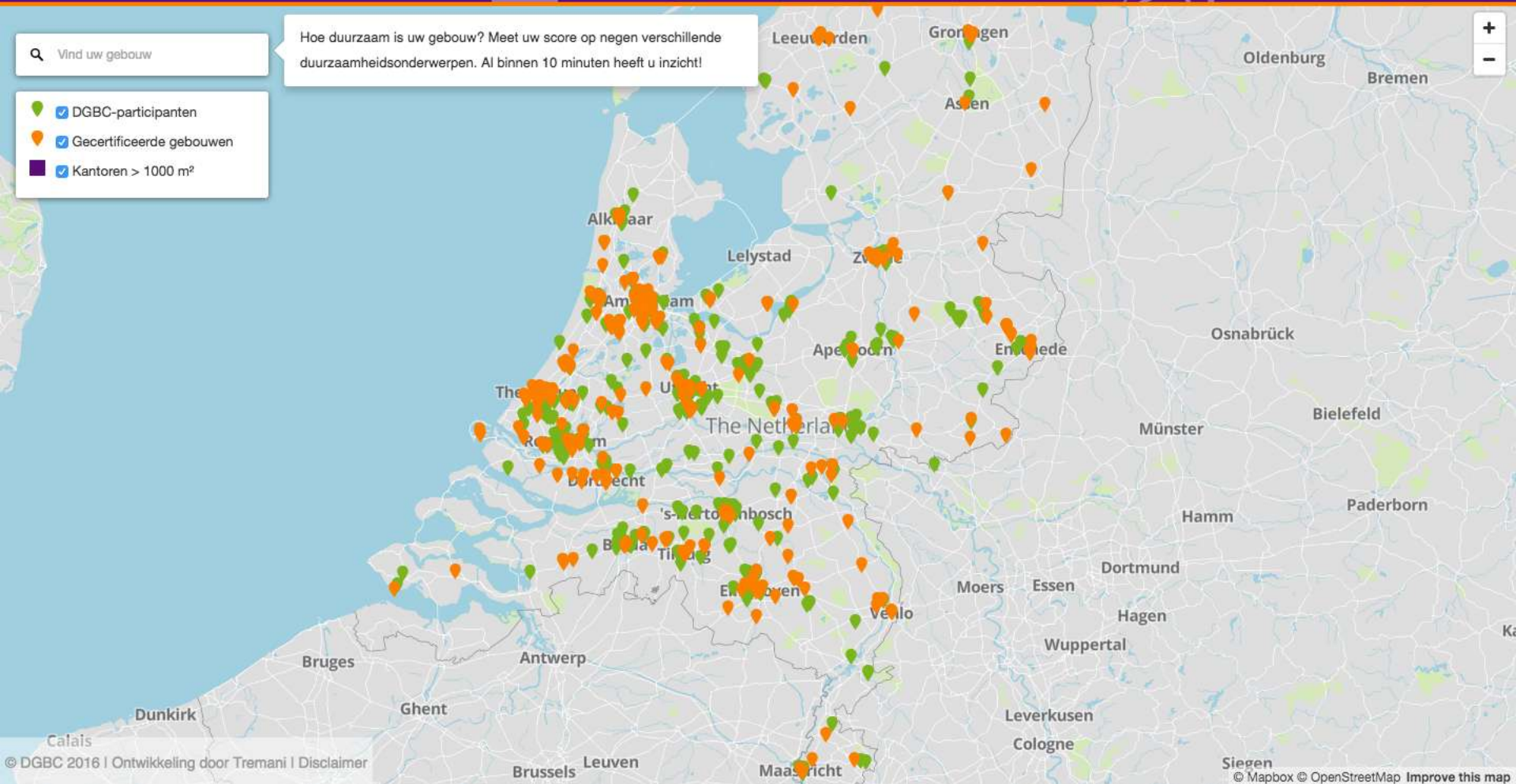
FAQ

Over DGBScan

Vind uw gebouw

Hoe duurzaam is uw gebouw? Meet uw score op negen verschillende duurzaamheidsonderwerpen. Al binnen 10 minuten heeft u inzicht!

-  ☒ DGBC-participanten
-  ☒ Gecertificeerde gebouwen
-  ☒ Kantoren > 1000 m²



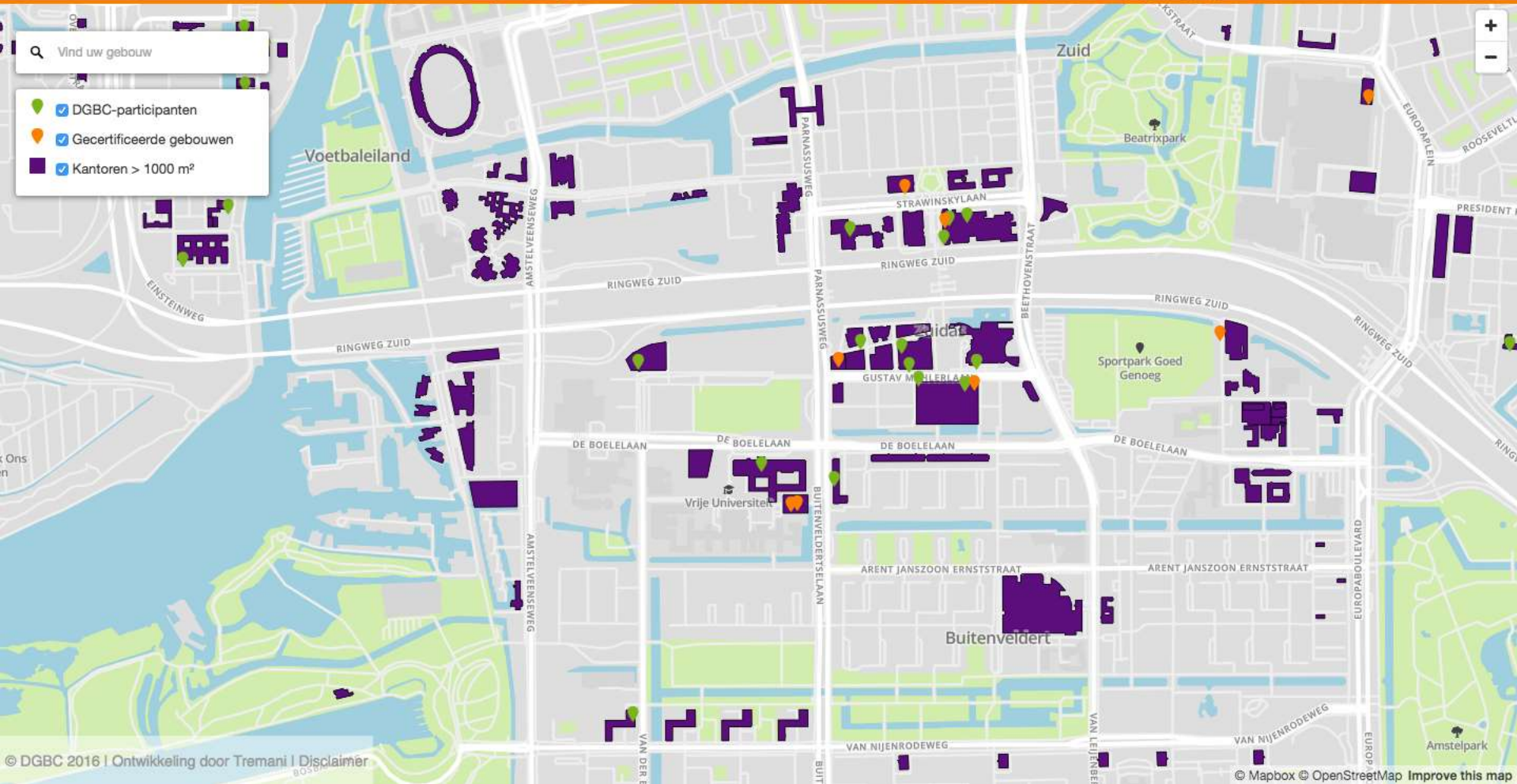
Green Building Scan

Dutch Green Building Scan

Kaart

FAQ

Over DGBScan



Green Building Scan: prefilled data

ABN AMRO

Gustav Mahlerlaan 10
1082 PP Amsterdam
Bouwjaar: 1999
Oppervlakte: 66581 m²
[Bekijk BREEAM-certificaat](#)



Scan uw gebouw: ABN AMRO

Score: 31% ★★☆☆☆



Gezondheid

Energie

Transport

Water

Materialen

Afval

Ecologie

Vervuiling

Gebruik

Heeft het gebouw zonwering?

Weet niet

Kunnen medewerkers zelf de temperatuur regelen?

Weet niet

Heeft het gebouw te openen ramen?

Weet niet

Wordt er aan legionellapreventie gedaan?

Weet niet

Kunnen medewerkers zelf de verlichting regelen?

Weet niet

Green Building Scan: Tips and Tops

Gemeente Rotterdam

Wilhelminakade 179
3072 AP Rotterdam
Bouwjaar: 2013
Oppervlakte: 40768 m²

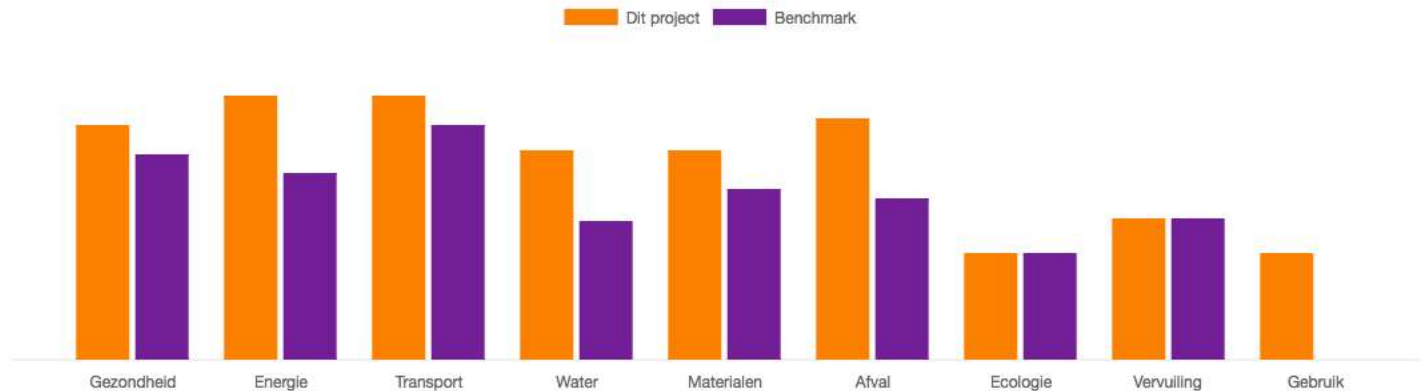


Resultaten: Gemeente Rotterdam

Score: **67%** ★★☆☆☆

Benchmark: **55%** ★★☆☆☆

Benchmark met: Gecertificeerde gebouwen Aanpassen



Tips

1. Vraag intern na of er wel eens een beveiligingsadvies is opgesteld voor het gebouw. Denk aan inbraakwerendheid en sociale veiligheid. Een BORG of een NBR gecertificeerd bedrijf kan zo'n advies opstellen.
2. Hoe groen is de omgeving van het gebouw? Kijk aan de buitenkant van het gebouw of er groen is, en of er vogelhuisjes, bijenkasten of insectenhôtels zijn.
3. Het niet kunnen regelen van verlichting op de werkplek kan een negatief

[Meer tips](#)

Tops

1. Het energielabel (A) is beter dan bij soortgelijke gebouwen. Dat is erg hoog voor bestaand vastgoed.
2. Bijzonder dat er een levenscyclusberekening is gemaakt van het gebouw. Bij niet veel gebouwen is zo'n nauwkeurige analyse van de milieupact gedaan. Bij het slopen van het gebouw zijn veel materialen geld waard. Dan is het een groot voordeel als duidelijk is welke materialen zijn gebruikt.

[Meer tops](#)

To achieve a sustainable built environment we need a shared language, a shared ambition, clear goals and leadership

DGBC is acknowledged by the Dutch market, government and NGO's to facilitate all these topics

Annemarie van Doorn

A.vandoorn@dgbc.nl

[RE] BUILDING THE FUTURE

WWW.DGBC.NL



Anne-Claire Freyd,
FranceGBC



The future of certification – the French vision

Anne-Claire Freyd
International officer
October 17th 2016



CONTENTS

- 1. HQE figures**
- 2. Stakes**
- 3. Focus on affordability and social housing**
- 4. Tool for self-assessment**
- 5. Partnerships with GBCs**



HQE figures as of December 2015



Total of over 68 million sqm of certified projects.
160+ certified professionals in France and abroad.



HQE™ Construction / Renovation

Residential :

429 885 certified projects

(38,2 million sq. m)

Non residential :

1816 certified projects

(22,5 millions sq. m)



HQE™ for Buildings in Operation

335 certified projects

(8,2 millions sq. m)



HQE™ Urban Planning

45 certified projects

HQE™ IN THE WORLD



Map legend:

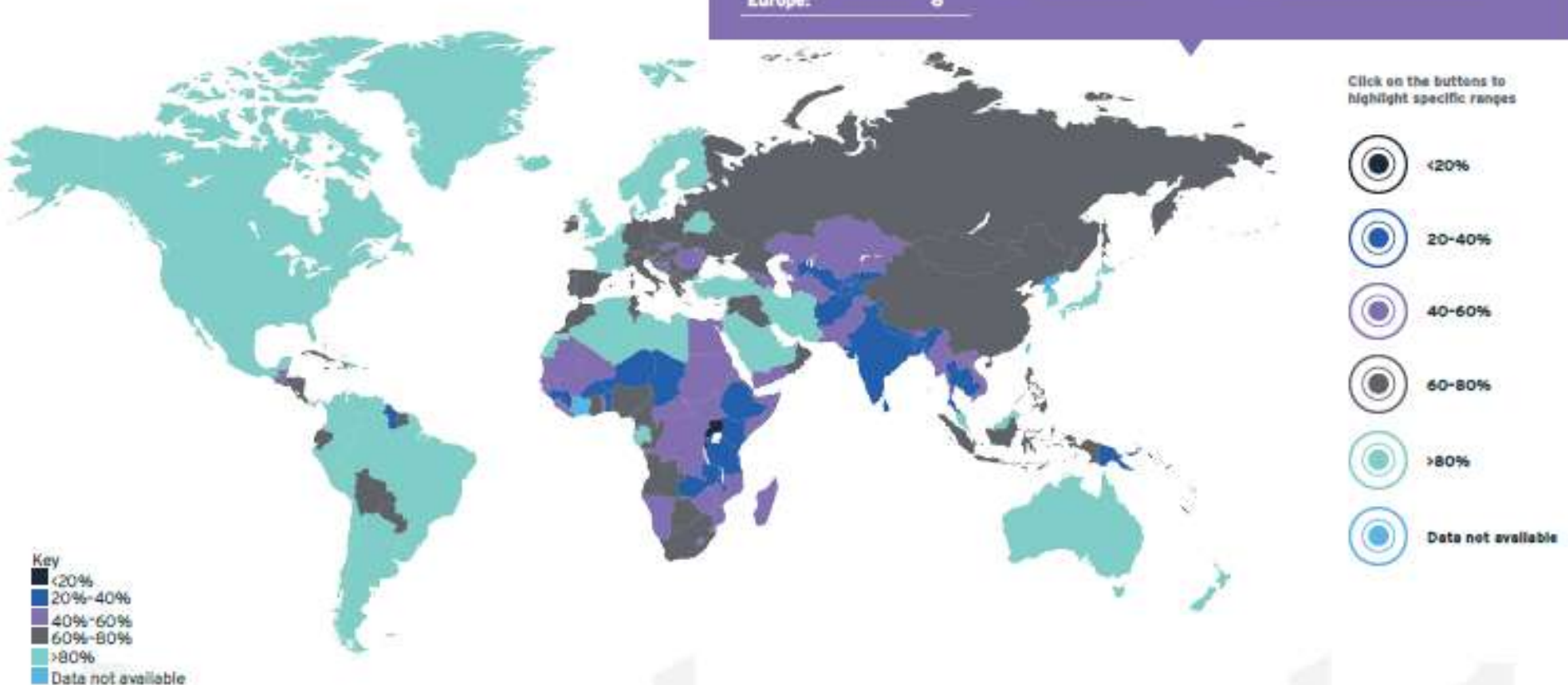
23 countries where HQE™ mark is represented

- Algéria
- Belgium
- Brazil
- Canada
- Colombia
- Congo R
- Congo (RG)
- France
- Germany
- Indonesia
- Lebanon
- Luxembourg
- Morocco
- Poland
- Russia
- Spain
- Tunisia
- Vietnam



MAJOR URBANIZATION

Proportion of urban population in 2030



The number of cities with total population 5 million in 2030:

North America:	15	Middle East:	4	Latin America and Caribbean:	7
Oceania:	1	Asia:	141	Africa:	16
Europe:	6				

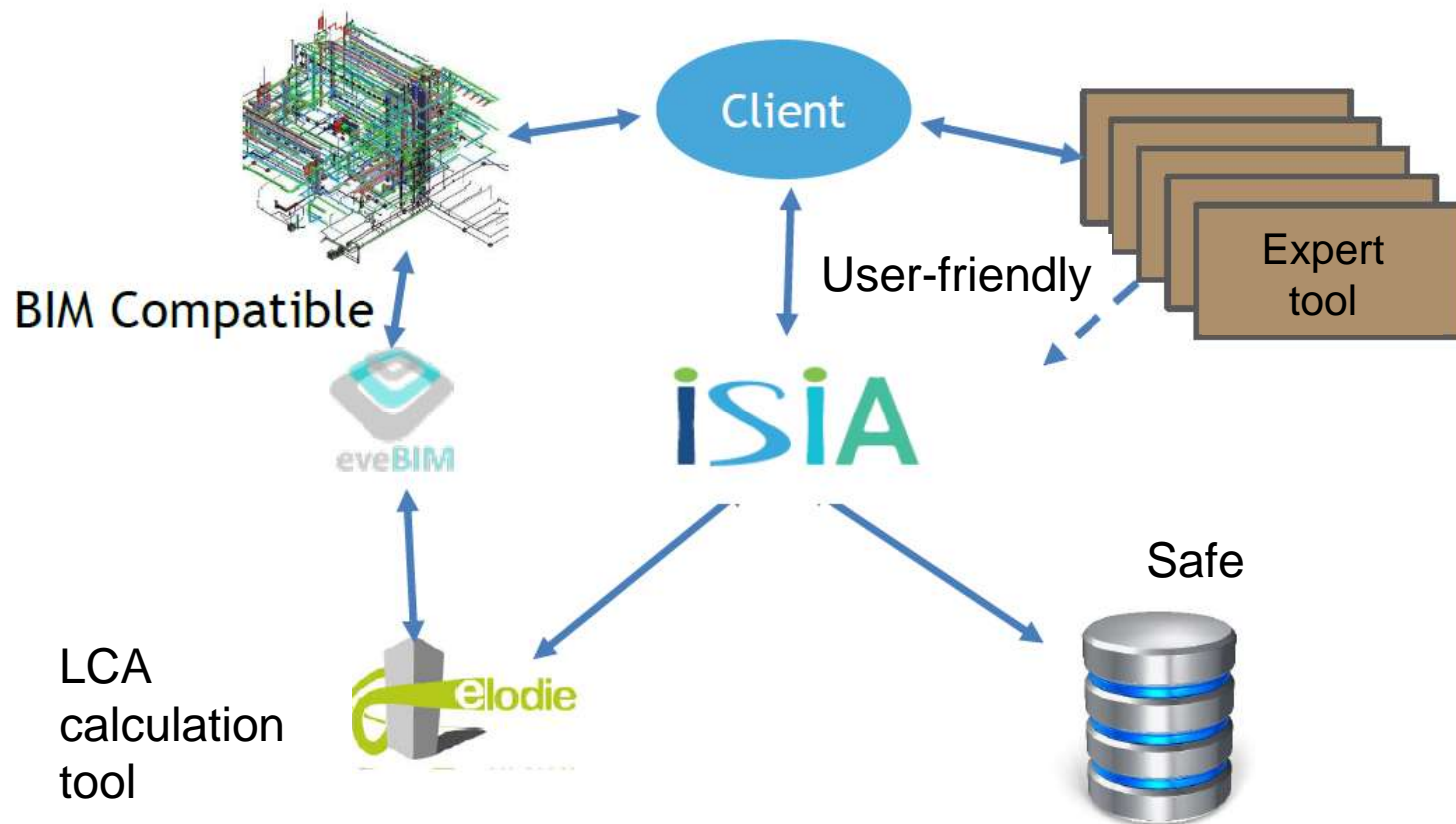
HQE FOR SOCIAL HOUSING

- **Affordability**
- **Sustainability**
- **Quality of life (focus on comfort and health)**
- **Biodiversity**
- **Example in Colombia, 2600-unit affordable housing project**



THE FUTURE: SELF-ASSESSMENT TOOL

Launched in October for the French market: online tool for self-assessment of environmental building performance.



OUR PARTNERSHIP STRATEGY

- Our GBC is open to partnerships
- Example: Morocco GBC providing HQE initial training for professionals
- GBCs can become a knowledge center
- Our team can participate in your green building events





JOIN THE MOVEMENT FOR
PERFORMANCE AND QUALITY OF LIFE

To know more: international@hgegbc.org

www.behqe.com



Questions for discussion

- All GBCs should be striving to “green” 100% of their country’s buildings – is your GBC aiming for 100% certification, or do you see certification as a ‘lever’ to stimulate wider market transformation?
- What additional activities – complementary to certification - do you believe will stimulate that market transformation?
- Does your GBC need to change its certification approach to lead to deeper market penetration?

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