

# Using our collective power across the value chain to deliver impact locally and on a global scale





































































7 million rooms

50,000 hotels

**CEOS** and C-Suite









































































# **NetPositiveHospitality**



### **Prosperity**

Ensuring economic successes and opportunities benefit all

#### **Planet**

Replenishing resources and restoring biodiversity for a thriving natural world





#### **Place**

Working in harmony with our communities and habitats



## **People**

Respecting and enriching the lives of all our people



## The business case for sustainable hotels



**Boost profit margins** through utility savings



Regulatory risks and benefits



Increase revenue through satisfying consumer preference



Increase value through certification



Future proof investment strategies



Ensure a long-term energy supply



www.sustainablehospitalityalliance.org/businesscase

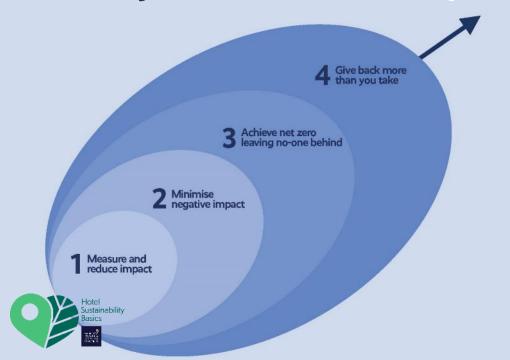
# Pathway to NetPositiveHospitality











#### **Environmental**

- Resource use and pollution
- Protection and regeneration of nature

#### Social

- Fairness in the workplace
- Equitable and better opportunities
- Community partnerships and support
- Customer welfare

#### Governance

- Stakeholder engagement
- Management and compliance
- · Commitments and reporting





For guidance please see the 'Instructions' tab Filter to find relevant actions

For guidance please see the instructions tab			Fillet to tilla relevant actions																
				Stakeholde	ier relevance	e		$\Lambda$				Related departments							
Issue		Action			Asset	t owner	Type of	Cont	Ease of	Potential	uring	pur	esk		ship		smoo	ment	
	Action category		Brand	Operator	New-build and renovations	buildings	solution	Cost	doing	impact	Engineering	Food and Beverage	Beverage Front desk	/ GM /	Leadership Housekeepi	壬	Meeting room:	Procurer	
	<b>T</b>	·	~	Ψ. Ψ.	1	<b>T</b>	· ·			*	Y	*	Y	4	4	*	Y	4	
		Install LED lighting		Y	Y	Y			Easy	Low	х			х				×	
Climate Action	Energy efficiency	Install smart ventilation in kitchens			Υ	Y	Technical	High cost	Medium	Medium	×	х		x				×	
**************************************	Energy efficiency	Install solar film on windows		Υ	Y	Y	Technical	Medium cost	Easy	Medium	х			x				×	
		Install double or triple glazed windows			Y	Y	0.33240.073101		More difficult	Medium	Х			х				X	
Climate Action	7.1	Install automated lighting controls, such as occupancy or daylight sensors.			Y	Y	Technical	Medium cost	Medium	Medium	X.			×				×	
Water Stewardship		Intall water efficient showers eg. smart showers or low- flow shower heads (<9 liters/min)		Y	Y	Y	Technical	Low/no cost	Easy	Medium	х			x				x	
Water Stewardship	Team engagement	Educate employees about water-related issues and any water-saving initiatives in place	Υ	Υ			Operational	Low/no cost	Easy	Medium						×			
Notice and the second of the s		Allow guests to opt-out of room cleaning and ensure adequete team training	Υ	Y			Operational	Low/no cost	Easy	Medium			x		х	х			
Waste & Circular Economy		Eliminate single-use plastic straws and stirrers. Offer disposables only on request	Y	Y			Operational	Low/no cost	Easy	Medium		×			x		х	×	
***************************************	Salas Contractor Contr	Have recycling plan in place for glass, paper, plastic and organic and ensure employees are trained	1	Y			Operational		Easy	High	×					×			
•	Team engagement	Educate employees about waste issues and any waste management initatives in place		Y			Operational	DECOMMENDED	Easy	Medium						×			
			Υ	Υ	<u> </u>		Operational		Easy	Medium	X	X	Х	X	×	X	X	X	
	Consumption reduction	Practice portion control	Υ	Y			Operational	Low/no cost	Easy	Medium		X					X		
Waste & Circular Economy	Consumption reduction	Opt for high quality, durable options where possible	Y	Υ	Y	Y	Operational	Low/no cost	Easy	Medium								×	
Biodiversity	Purchasing	Purchase items of high animal welfare standards	Y	Y	,		Operational	Low/no cost	Easy	Medium		Х				1		7	
Biodiversity	Purchasing	Ban the purchase of products created from endangered/ non-sustainable species	Υ	Y			Operational	Low/no cost	Easy	High		x						×	
Biodiversity	Purchasing	Purchase produce with a reputable certification	Y	Y	,	1	Operational	Low/no cost	Easy	Medium	X	X	X	X	X	Х	X	4	
Biodiversity	Team engagement	Educate employees about biodiversity issues and the natural heritage of the local area		Y	,		Operational	Low/no cost	Easy	Medium						x			





## **GRIP: Greening Real Estate Investment Portfolios**

# A TWO-STEP PROCESS

Developing a portfolio decarbonization and investment plan

STRATEGY

- · Baseline assessment of the entire portfolio
- Green guidelines for new developments and acquisitions
- Define corporate-level climate ambitions
- Develop a comprehensive decarbonization pathway, with clear interim KPIs
- Create a financing plan supporting the green transition

2 IMPLEMENTATION

IFC financing to support the green transition

- IFC provides investment in the form of green/ sustainability-linked loans or other products
- The sponsor agrees to report the use of proceeds and progress in achieving agreed interim targts





## **EDGE for Green Hotels**

www.edgebuildings.com

EDGE is an innovation of IFC, a member of the World Bank Group.

## **IFC's Approach to Green Building Growth**

**Investment & Advisory Investment & Advisory** for Banks for the Building Sector IFC's Green **Building Market** Transformation Program **EDGE Green Building** Codes & Incentives Certification Create a scalable voluntary A certification system and software to empower the property industry to build green



## **EDGE: Excellence in Design for Greater Efficiencies**

1. Free Software

The property of the property o

Further Resource: **EDGE Software Demo** 

**Z.**Achievable Standards



3. Verified Green Label





Case study:
Villas in Phuket
achieved 54%
Energy saving



#### La Vista Villas statistics

- Located on the island of Phuket, the project is comprised of 11 villas of 3 types: two-story, three-story and four-story.
- The project reduced energy consumption through measures such as insulation of roofs, ceiling fans in habitable areas, high COP air-conditioning systems, and energy-saving lightbulbs, while also achieving a reduction in water consumption and embodied energy with low-flow water fixture and AAC blocks.

Predicted Savings of EDGE Certification

La Vista Villas

54%

**Energy Savings** 

29%

Water Savings

36%

Less Embodied Energy in Materials

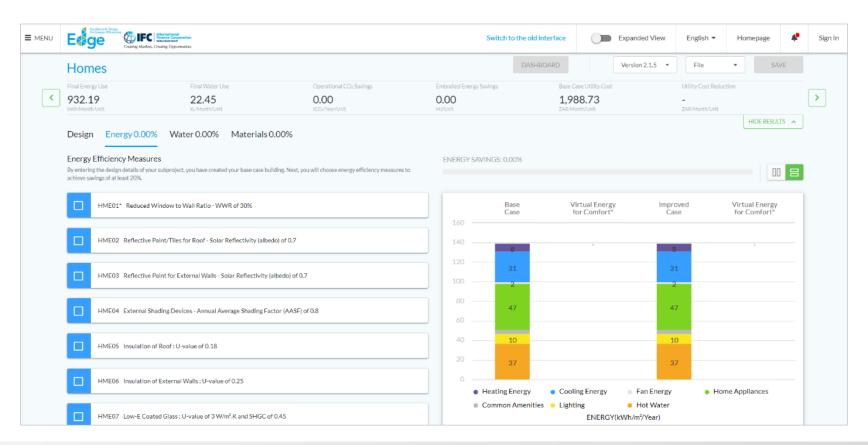


# The Free Software Shows Return on Investment for Resource Efficiency Measures, Tailored to Local Climate



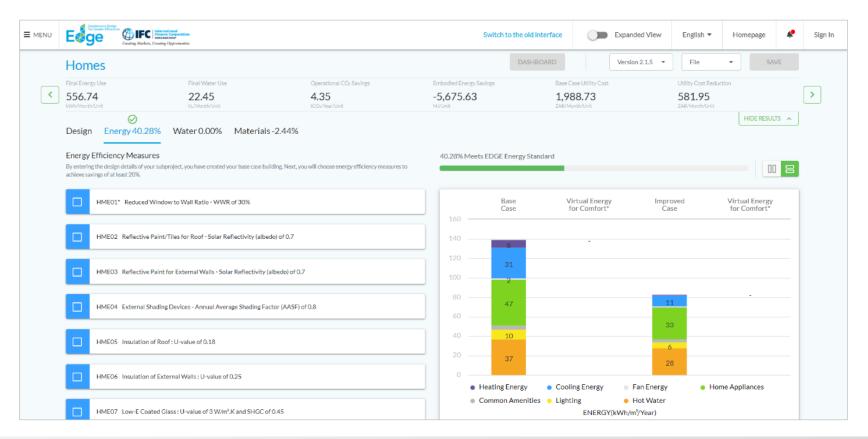


## **EDGE Compares Your Green Building to a Conventional Building**





## **Choose Green Building Strategies and Calculate their Financial and Environmental Impacts**





EDGE is different from other certification systems



#### **International Acclaim**

Integration of the EDGE brand into your marketing efforts distinguishes your projects and brings global prestige.



#### **Cost Calculator**

EDGE helps you to decide the best green options and estimate the incremental cost (typically less than 2%).



#### **Focus on Resource Efficiency**

EDGE focuses on energy, water, and embodied energy in materials, for a quantitative approach.



#### **Bio-Climatic Modeling**

EDGE is location-specific, with climate and lifestyle data for thousands of cities.

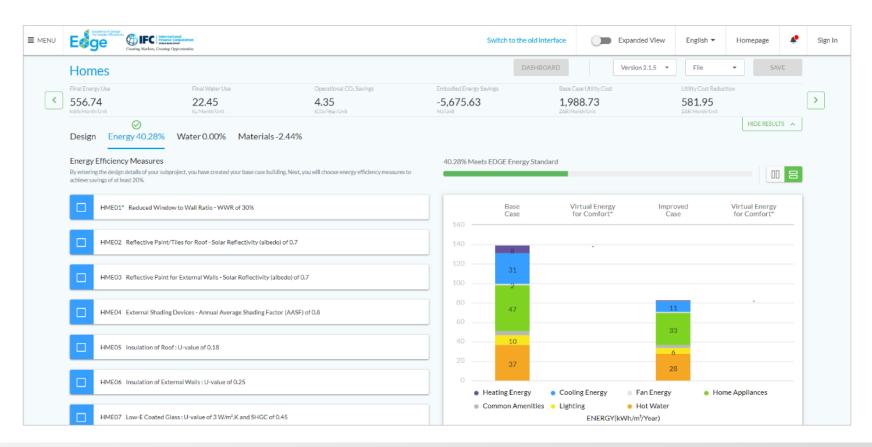


#### **Streamlined Process**

A shorter certification workflow saves you time, with most required documentation already on hand.

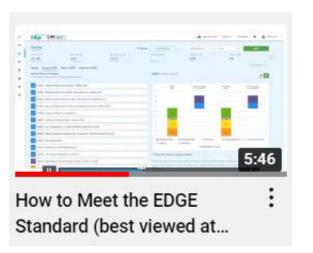


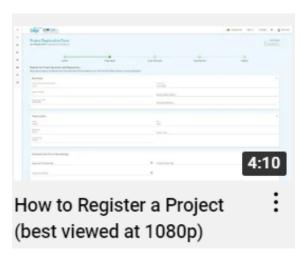
#### **EDGE Demo**

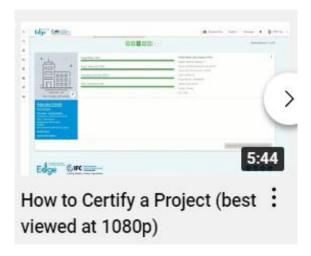




## **EDGE Demo**







*Further resource:* 

EDGE YouTube Channel



## There are Three Levels of EDGE Certification



## **Level 1** - EDGE Certified

20% or more savings in energy, water, and embodied energy in materials.



#### Level 2 - EDGE Advanced

EDGE certified with 40% or more on-site energy savings.



#### **Level 3 - Zero Carbon**

EDGE Advanced with 100% renewables or purchased carbon offsets.

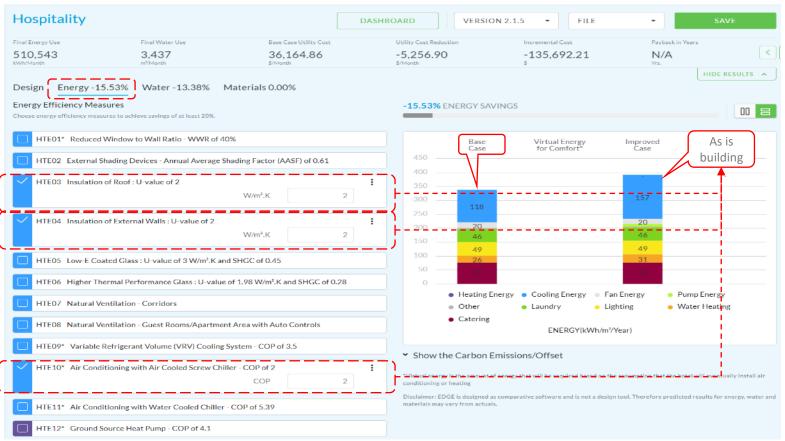


## **EDGE** is Available in a Variety of Building Typologies



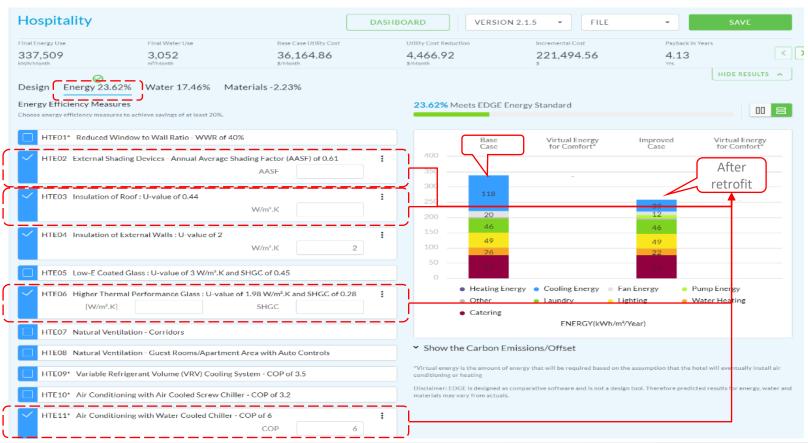


## Retrofit Process: First model the building as is



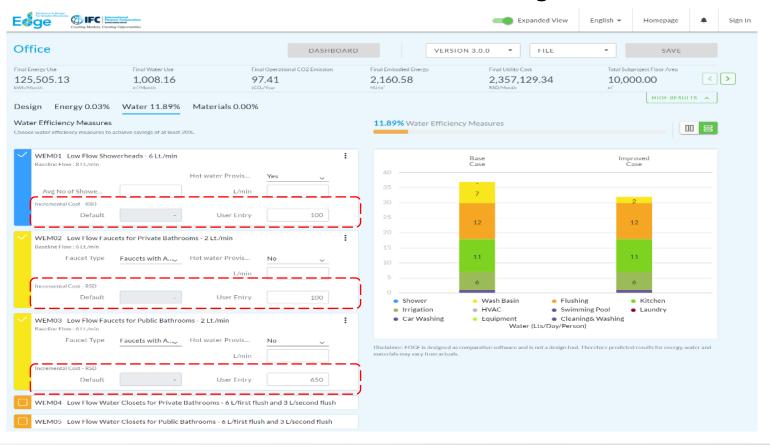


## ... then model the retrofit





## Future versions of EDGE will allow more fine-tuning of cost assessment





## EDGE website has a library of case studies of certified projects



Hilton Cucuta (COL)

By Hilton



Ascott Makati (PHL)

By the Ascott



Fiesta Americana (MEX)
By Grupo Posadas and Fibra



Eco Green Hotel (VNM)

By Công ty TNHH TM & DV Anh Mỹ



Springhill Condotel (IDN)
By Springhill Group



AC Hotel by Marriott (MEX) By Grupo Posadas and Fibra



Fairfield by Marriott (IND)

By SAMHI



101 Bogor Suryakancana (IDN) By Panoramaland



Faranda (COL)
By Argenaria SAS



Accor Ibis (COL)

By Arquitectura y Concreto

## **Projects can be Certified Anywhere Around the World**

EDGE-certified projects can be found in 85 countries





Case study:

Sheraton Belitung Resort

Indonesia





#### **Sheraton Belitung Resort**

- Sheraton Belitung Resort is an eco-concept resort development on Belitung Island, Indonesia.
- The resort will utilize resource-efficient design features and technologies to reduce its environmental impact and lower its carbon footprint.
- LED lighting, a variable refrigerant cooling system and a heat pump for hot water generation will be installed to reduce the resort's energy use by almost half. Dualflush water closets, low-flow showerheads and water-efficient landscaping will be used to reduce the resort's water use.

Predicted Savings of EDGE Advanced Certification

46%

**Energy Savings** 

36%

Water Savings

**56%** 

Less Embodied Energy in Materials



Case study:

Hampton by Hilton

Quito





#### **Hampton by Hilton Quito statistics**

- Hampton by Hilton Carolina Park is a 12-story hotel in Quito's financial district.
- LED lighting, an energy-efficient cooling system, and a heat pump for hot water generation will contribute to the building's energy savings, while water-efficient and low-flow plumbing fixtures will contribute to the building's water savings.

Predicted Savings of EDGE Certification

**Hampton Quito** 

**54%** 

**Energy Savings** 

**37%** 

Water Savings

44%

Less Embodied Energy in Materials



## **Green Building Standards to access International Green Finance**

## **Finance Standards**















## Further resource: Green Buildings – A Financial and Policy Blueprint for Emerging Markets



### **CERTIFIED GREEN**

Verified by a third party, using internationally recognized certification standards



## BETTER PERFORMANCE **COMPARED TO BASELINE**

Quantifiable approach to building design and operations



## IMPACT REPORTING

Able to report energy, water, and GHG impacts

## Case study:

The Ascott Limited adopted EDGE for hundred projects worldwide





#### **Somerset Grand Hanoi**

- As a leading international lodging owner-operator, green buildings is one of Ascott's focus areas, as reflected in its commitment to certify all new buildings and major retrofits.
- The existing hotel located in Hanoi was retrofitted to improve its resource efficiency.
- CapitaLand (CLAS), parent company of Ascott, raised \$150 million in a sustainable-linked bond with IFC.
- CLAS has raised about \$450 million in sustainable financing.

Final Savings of EDGE Certification

Somerset Grand Hanoi

28%

**Energy Savings** 

48%

Water Savings

88%

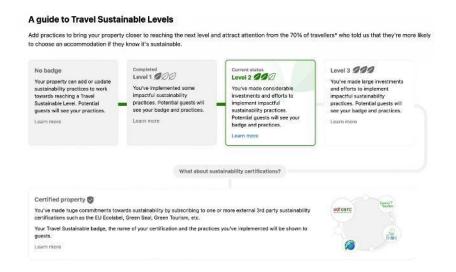
Less Embodied Energy in Materials



## **Booking.com** - Sustainability as a Marketing Tool

#### **CERTIFICATION MATTERS!**

To receive the highest level of recognition as part of the Travel Sustainable program, these accommodations are recognized with a certified badge, including the name of their certification

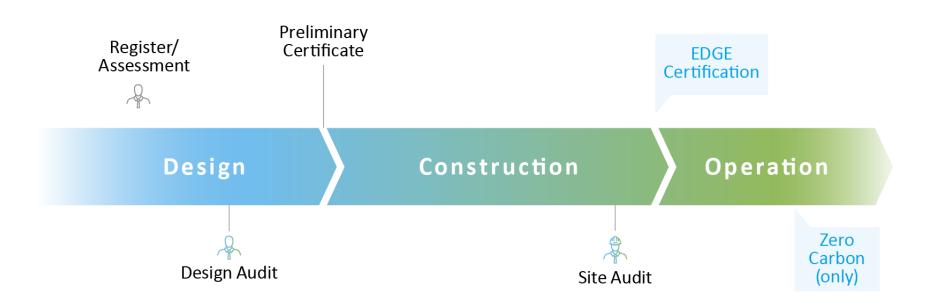








## The Certification Flow has Two Steps that are Repeated at Post-construction





## Each Project Receives a Certificate, with Plaques and Decals Available



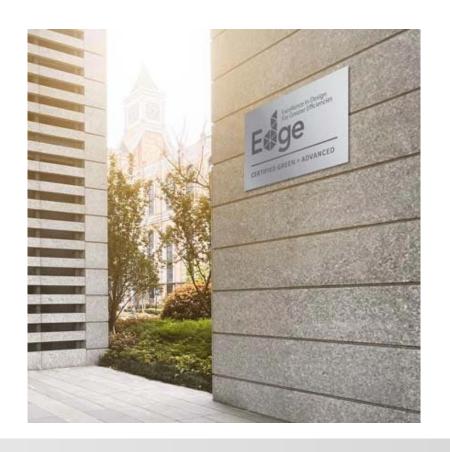
**Certified Green** 



**EDGE Advanced** 



**Zero Carbon** 





## The Certification Flow Has Three Steps





Design your project in the EDGE App and click apply for certification.
Hire an auditor directly or request a certifier to assign one. The certifier will follow up to confirm certification pricing.



## **STEP 2:** Certify

Once your project is registered, upload your documentation into the EDGE App. When you're ready, go to your dashboard and initiate the certification workflow.



### **STEP 3: Validate**

After you've received a preliminary certificate, repeat Step 2 at the post-construction stage, uploading any fresh design changes and documentation to the EDGE App.



## **EDGE Expert Training**



#### **Local Training**

Local training is provided in a classroom environment by licensed training providers.

Cost: Varies

Length: One day of eight hours



#### **Online Training**

Online training is provided in English or Spanish and can be taken at your own time and pace.

Cost: up to \$150

Length: Five to six modules (approximately one hour each)



#### **Livestream Training**

Livestream training is provided by accredited certifiers with virtual trainers leading the webcasts.

Cost: Varies

**Length:** Either two days of four-hour sessions or one day of an eight-hour session



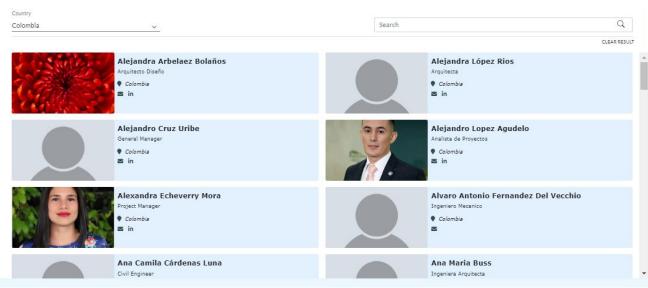
## **Hire an EDGE Expert**

#### Find an Expert

Interested in finding an EDGE Expert? EDGE Experts provide their services internationally.

EDGE Experts serve as trusted and experienced advisor, supporting clients in their decision-making as to the best ways to design and build green. They also have extensive knowledge of the EDGE software and certification process. While not required in order to achieve certification for project, EDGE Experts provide significant value to clients through their skills, insights and technical know-how.

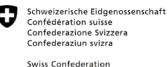
DOWNLOAD COMPLETE LIST OF EDGE EXPERTS





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Federal Department of Economic Affairs, Education and Research EAER State Secretariat for Economic Affairs SECO

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