



A Review of 2019

“driving towards a sustainable built environment”

DEVELOPMENT OF **LOTUS** RATING TOOLS

LOTUS NC v3 replaces LOTUS NR v2
and LOTUS MFR from 17.10.2019

Updating **LOTUS BIO** for existing
buildings

Integrating new standards and codes



Refining all criteria and requirements



Enlarging scope of certain credits



Providing clearer explanation where needed



Covering almost all building types and sizes

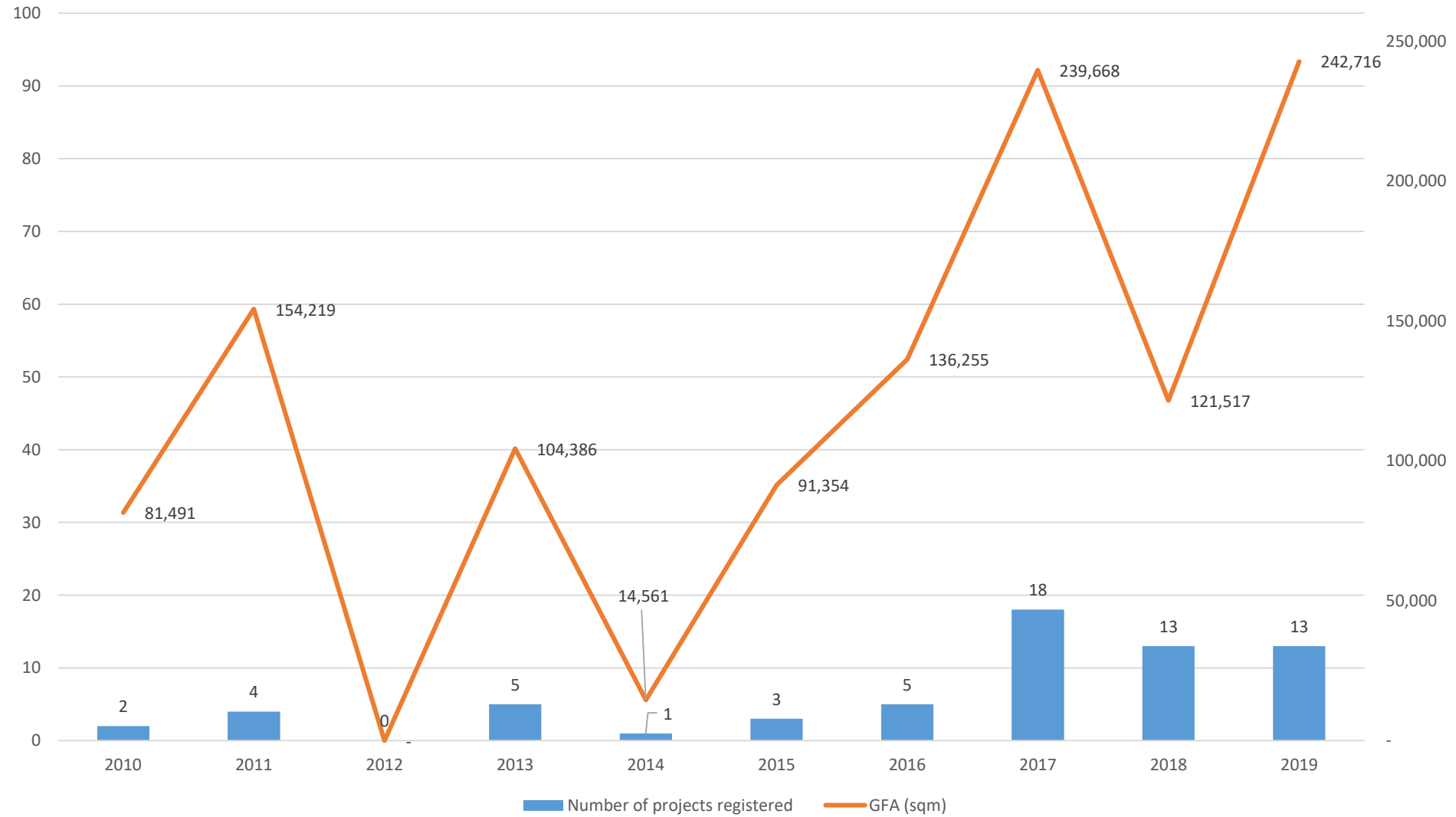


Number of New registered projects

13

- 1 Healthcare
- 1 Office Interiors
- 1 Multi-family Residential
- 2 Private Houses
- 2 Office buildings
- 3 Schools
- 3 Factories

New LOTUS projects annually



25

PROJECTS WITH
FULL CERTIFICATION

39

PROJECTS
UNDER PROCESS
OF CERTIFICATION*



021-NR-2.0-NC - Dong Phu Cuong Garment Factory



003-NR-2.0-MR - Green One UN House



002-NR-P-NC - Vietnam Moc Bai JSC Factory



017-NR-2.0-NC - HCMC Labour Cultural Palace



026-NR-2.0-NC - TNG Vo Nhai Factory



015-NR-2.0-NC - British International School EYFS

WHO USE LOTUS?

International Agencies

International Schools

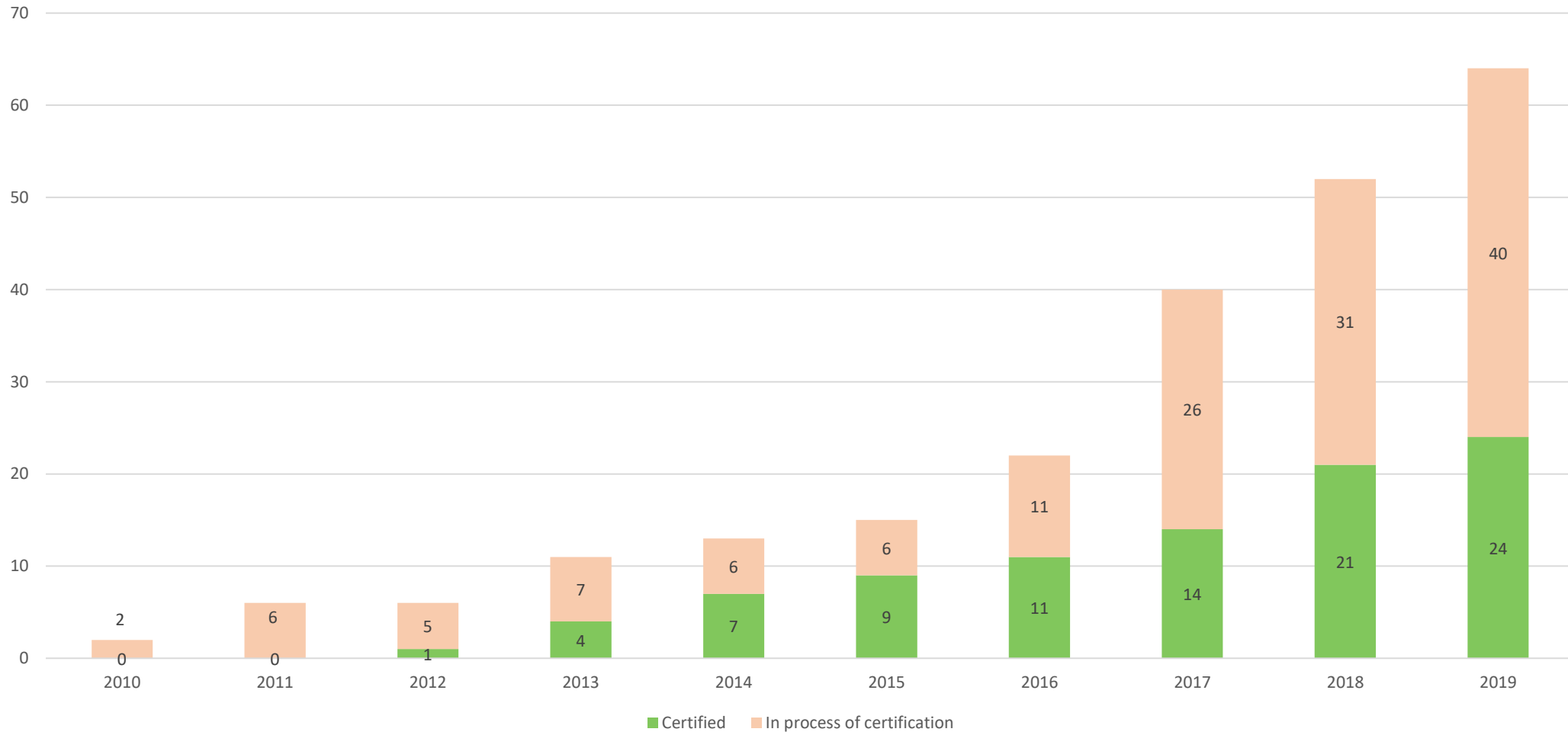
International Brands

International Investors

Local developers?

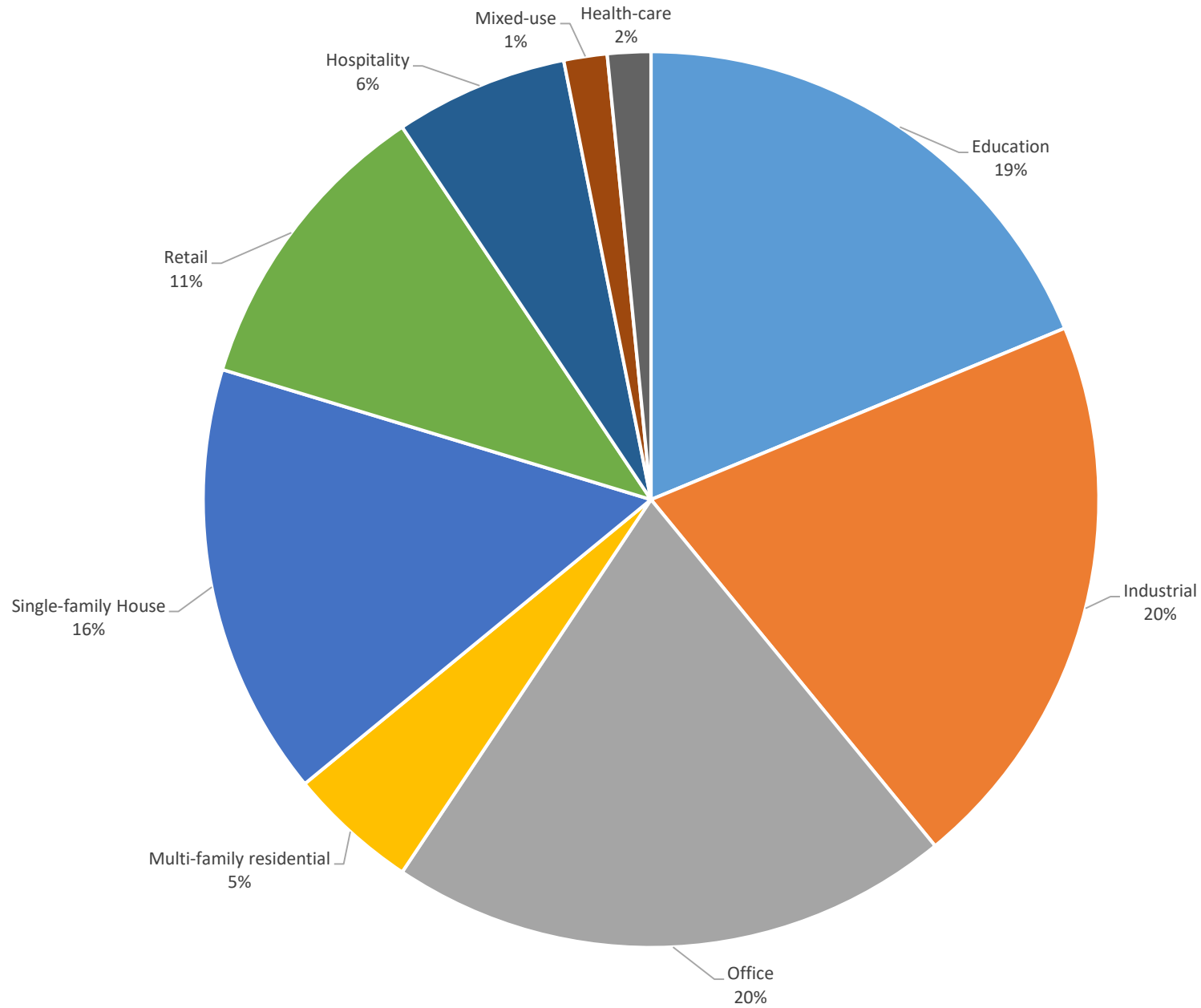


MARKET ADOPTION (CUMULATIVE)



LOTUS

USED IN MOST SEGMENTS



(As of 12/2019)

LOTUS

Projected Energy Savings of 16 certified Projects



19,094,056

kWh, each year

Projected savings derived from proposed building compared to baseline model. Actual savings might be different, depending on actual operational schedule, occupancy and usage

**0.48 kg
of coal
per kWh**

MOIT Decision 281 on pricing of electricity generated by coal power plant ([link](#))

Avoid burning



9,000

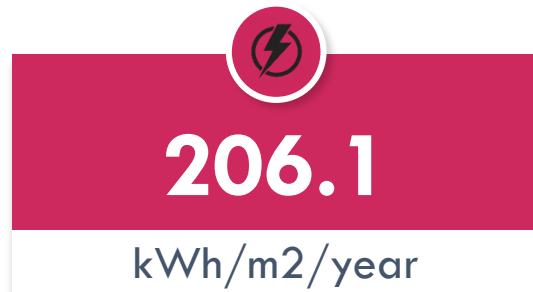
TONS OF COAL, each year

Green One UN House (United Nations HQ in Vietnam) – LOTUS Platinum

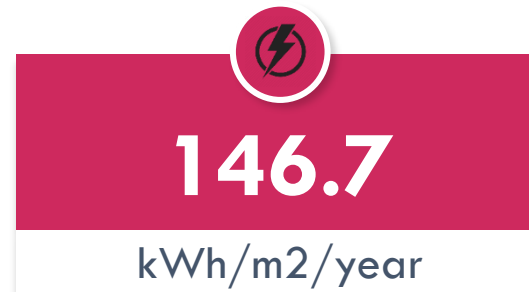


Energy Use Intensity (EUI)

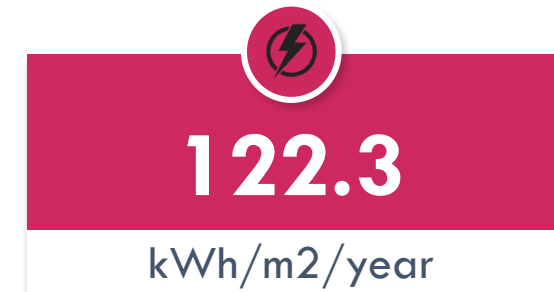
Baseline



As-built



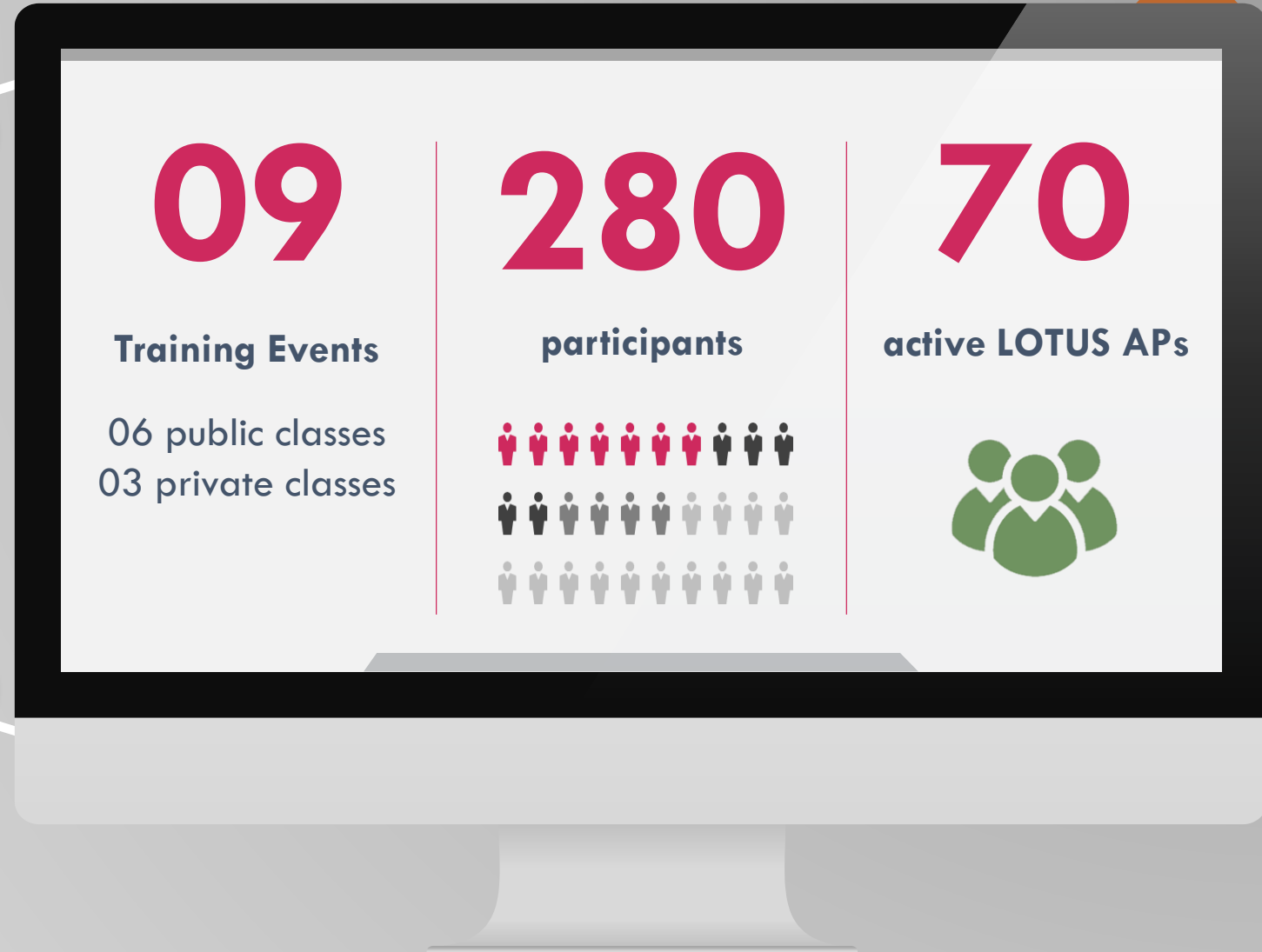
Actual



TRAINING AND EDUCATION

To be done:

- Updating LOTUS Introductory course (v3)
- Non-technical, foundational training to non-AEC professionals, business leaders



VGBC GREEN DATABASE

141 products listed on greendatabase.vgbc.vn at the end of 2019

The screenshot shows the VGBC Green Database website. The header includes the VGBC logo (Vietnam Green Building Council) and navigation links: About us, Green Building, LOTUS, Articles, Events, Education, and Green Database. A search bar is also present. The main banner features the text "VIETNAM GREEN DATABASE" and "The first Vietnam Green Building Products & Services Directory". Below the banner, there is a "Categories" sidebar with options: Structure, Facade & Envelope, Interiors & Finishes, Electrical Equipment, Mechanical Equipment, Water Fixtures, and Services. The main content area displays three product listings:

- VGD-ST-0007 - Fico Eco Green concrete Concrete**: Image of a FICO PanU logo.
- VGD-FE-0012 - Graphenstone Biosphere Premium Exterior Paints**: Image of a Biosphere Premium paint bucket.
- VGD-IF-0026 - Graphenstone Ecosphere Premium Interior Paints & Coatings**: Image of an Ecosphere Premium paint bucket.

Below these, there are partial views of Gyproc Drywall and KONE logos.



Whether you are working on a LOTUS project or you are looking for products and services to improve your building, you can use the Green Database to find the best solutions available.

Targets for 2020

Objectives:

- Increase awareness and market preference for green building
- Increase visibility and brand awareness for VGBC and LOTUS

KPIs

1. Update LOTUS BIO
2. 15-20 new LOTUS projects
3. 9-10 training classes, 250-300 participants
4. Organize or co-organize with strategic partners in least 10 events (conferences or seminars)



VGBC.VN

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