

## This event possible thanks to a grant from

# THE KRESGE FOUNDATION



## Speakers:

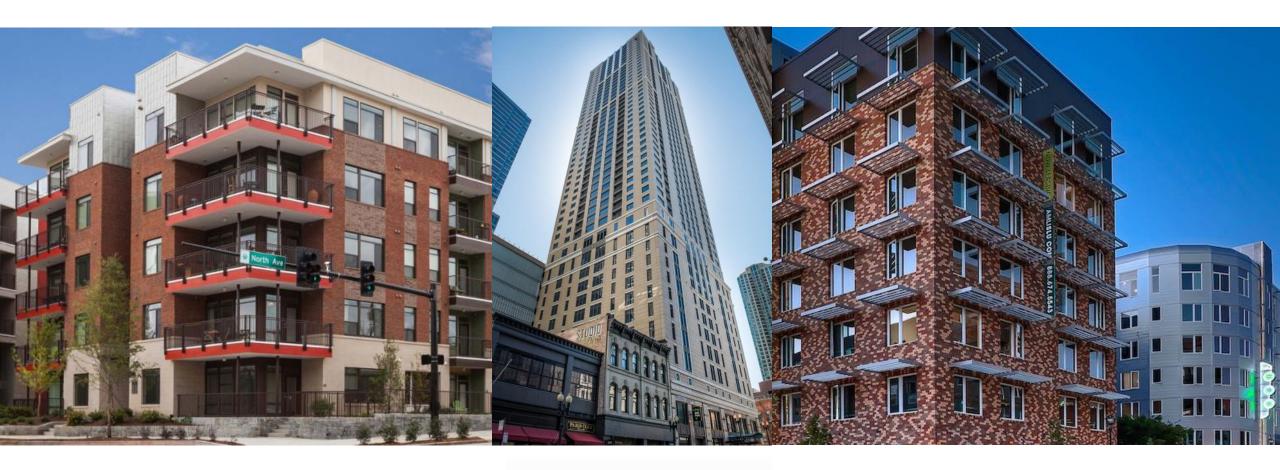


Erin Hatcher, Vice President Sustainability, AMLI Residential



Kimberly Pexton,
Vice President Sustainability,
JBG Smith



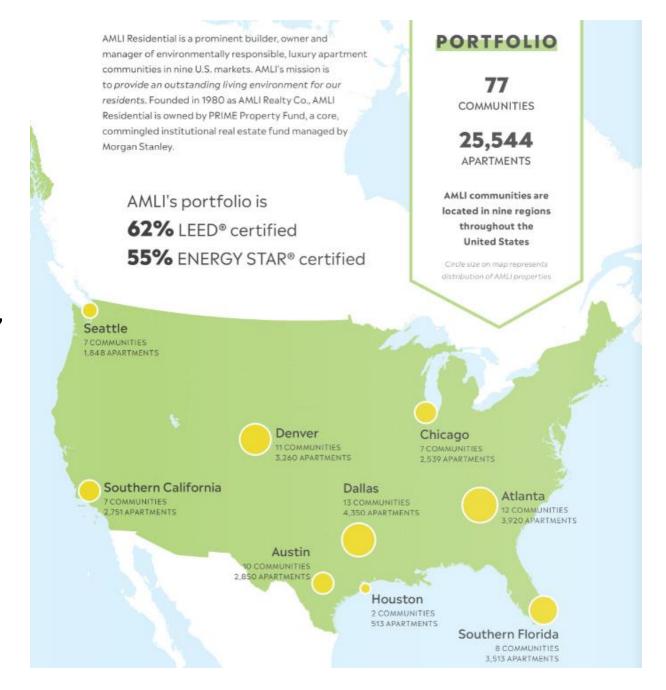




ULI Nashville: Practicing Heat Resilience in a Hot Market: Lessons from Developers



- Developer, manager, and longterm owner of apartment communities.
- Owned by PRIME Property Fund, a core, commingled institutional real estate fund managed by Morgan Stanley.
- Located in eight U.S. markets.



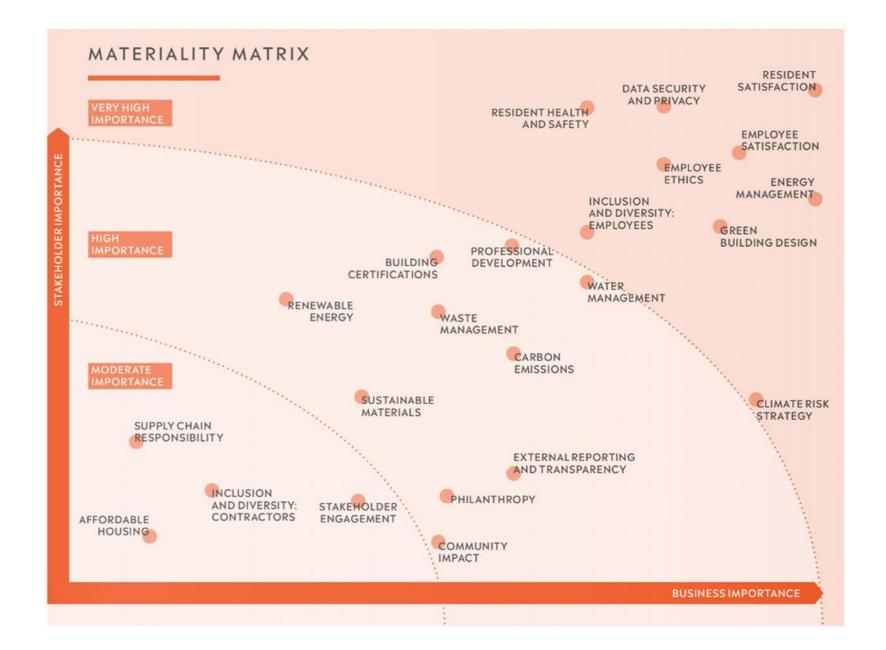
# Early Sustainability Commitments to ESG



## **ESG** Drivers

- Investors
- Residents
- Employees





## Building for climate resilience

## **Development**

- Regional transition risk and physical risk evaluated at land purchase. Examples:
  - Building performance requirements (transition risk)
  - Known climate risks (physical risks)
- LEED Silver minimum.
- Energy Modeling, early and often, integrated into design process.
- Heat resilience specifically focuses on windows: ratio and window values.



Integrating resilience discussions into our existing processes.

# Building for climate resilience

## Governance

- ESG Steering Committee
- ESG Development Policies

## **Acquisitions**

- Due diligence includes:
  - Building envelope & mechanical systems. CAPEX budget may need to be allocated to address concerns.



## What's next?

- Improve communication and reporting:
  - Portfolio building performance rankings.
  - Pilot projects.
- More education for internal teams.
- Integrating resilience tools into our processes.
- Internal standards for specific building features or an energy performance metric.









EXTRAORDINARY SCALE & CONTROL



71% OF COMMERCIAL MARKET (6.2M SF)



20% OF RESIDENTIAL MARKET (2.4M SF)



OF UNENCUMBERED DEVELOPMENT SITES (6.9M S

#### PLACEMAKING & DEVELOPMENT

WE'RE MAKING MAJOR INVESTMENTS TO FURTHER IMPROVE & CONNECT NATIONAL LANDING.





HOMES

#### URBAN OPERATING SYSTEM

IT WILL SERVE AS THE DIGITAL FOUNDATION FOR INNOVATION, ALLOWING US TO IMPROVE **OPERATION EFFICIENCY &** CREATE A DIFFERENTIATED CONSUMER EXPERIENCE.

SMART GRID















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#### SAFETY





SMART CCTV







### TRANSPORT



TRAFFIC MANAGEMENT



SMART VEHICLES



ELECTRIC TRANSPORT

## RESOURCES



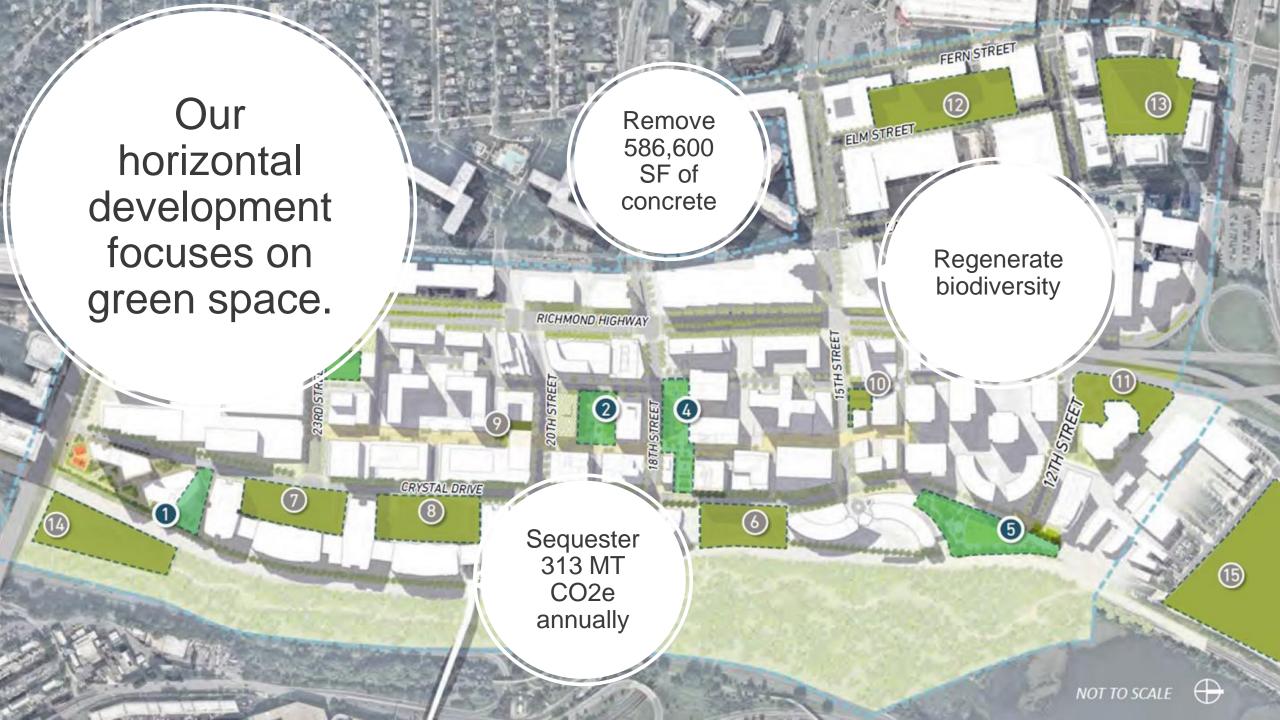












Our horizontal development focuses on heat island effect.



National Landing in Arlington, Virginia. (JBG Smith)



ENVIRONMENTALLY FRIENDLY, COOL PAVEMENT **SEALCOATING PRODUCT** 



# Our new developments focus on window to wall ratio.







# Our existing assets focus on windows. 2451 Crystal Drive: Uncoated Glass: 7.1-7.4 Coated Glass: 3.9-4.4 Outside Temp: 41 1901 Bell Street: Uncoated Single Pane: 2.4-2.8 Uncoated Double Pane: 2.0-2.4 Coated Single Pane: 0.6-1.0



Thanks Jerry, can you share with us the instrument you are using for the readings?

Coated Double Pane: 0.6-1.1

Outside Temp: 41

On Feb 8, 2021, at 9:28 AM, Orr, Jerry < JORR@hitt-gc.com> wrote:

Good morning Eddie & Kim. I stopped by the 2 mock-up locations last week to take a look at the glass and get a BTU reading comparing glass we coated vs. glass we didn't coat.

Increase in performance of glazing resulted in a reduction in EUI of 3 kBTU/SF







