



Building Energy  
Research Center  
Tsinghua University



## Carlos Flores

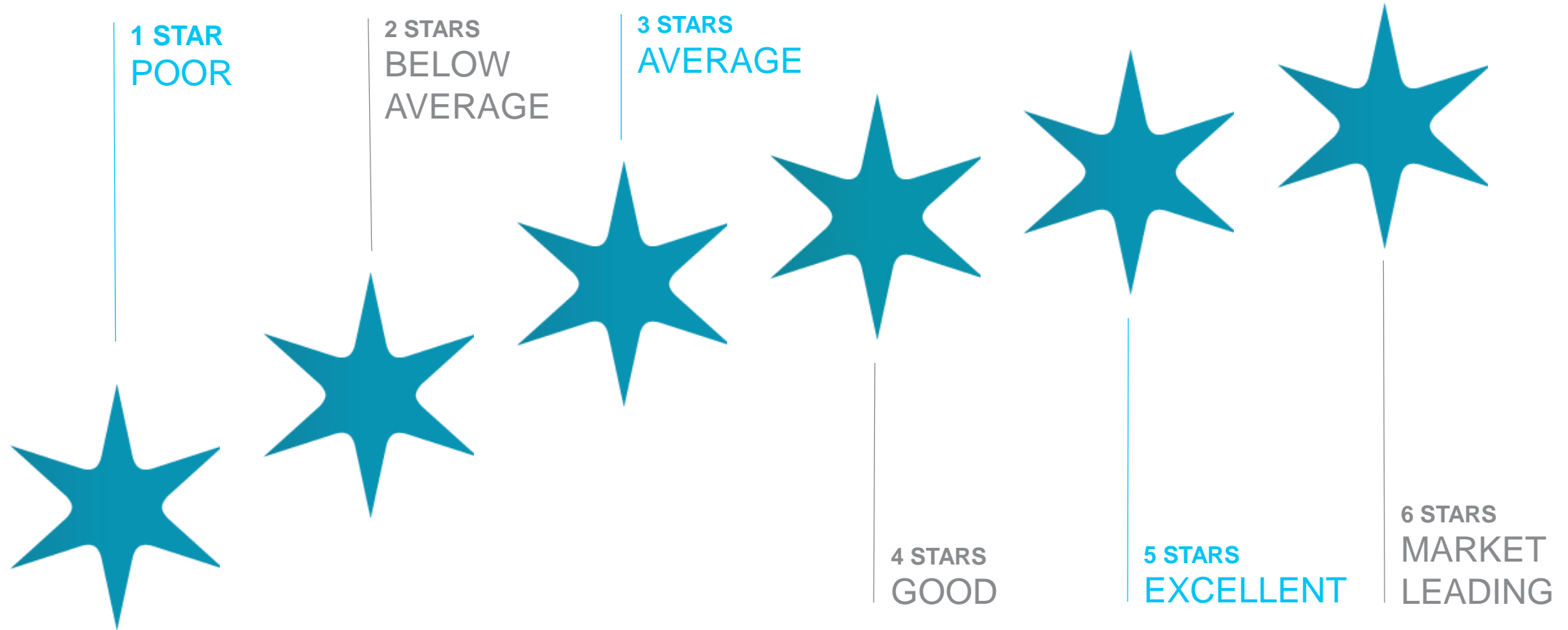
澳大利亚国家建筑环境评估系统 总监

**Director, National Australian Built Environment Rating System (NABERS) in the Department of Planning, Industry and Environment**

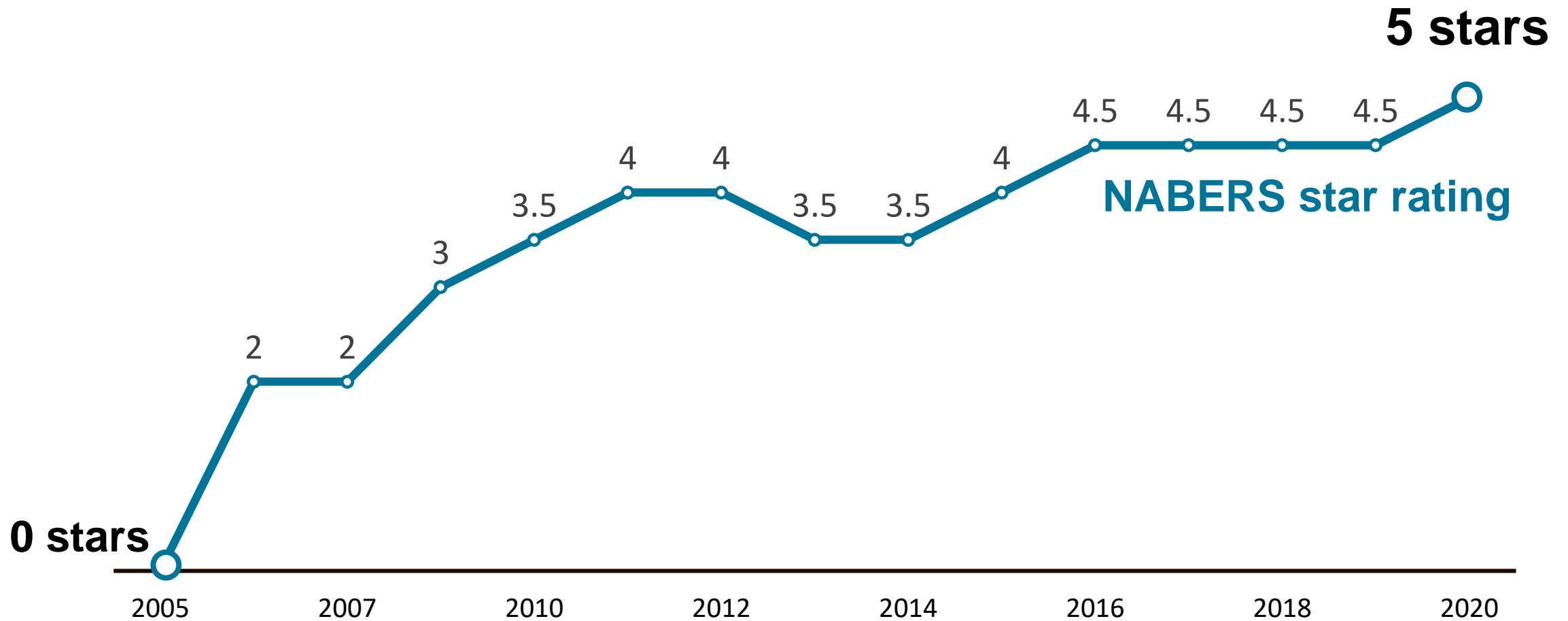
澳大利亚建筑领域政策的最佳实践

**Best practices in buildings policy package: the case of Australia**

# NABERS is Australia's language for building sustainability

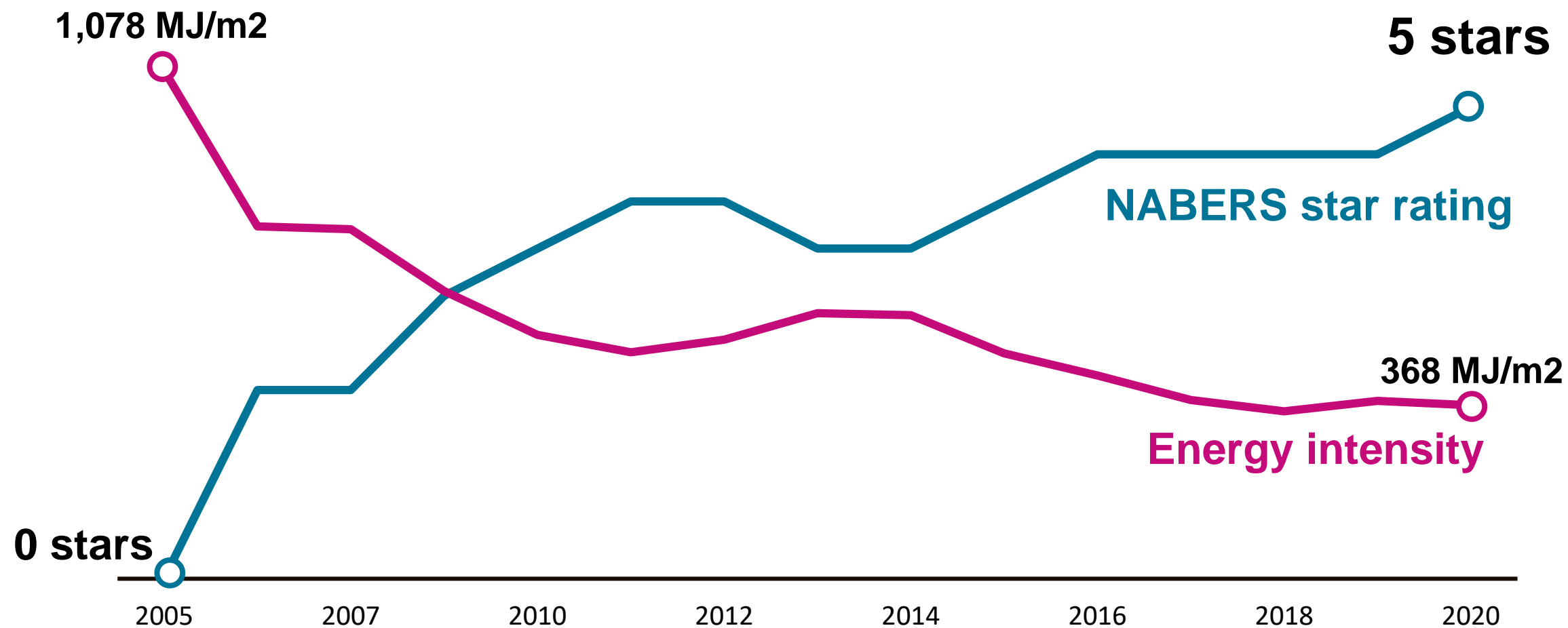


# Australia Square: a journey from zero to hero



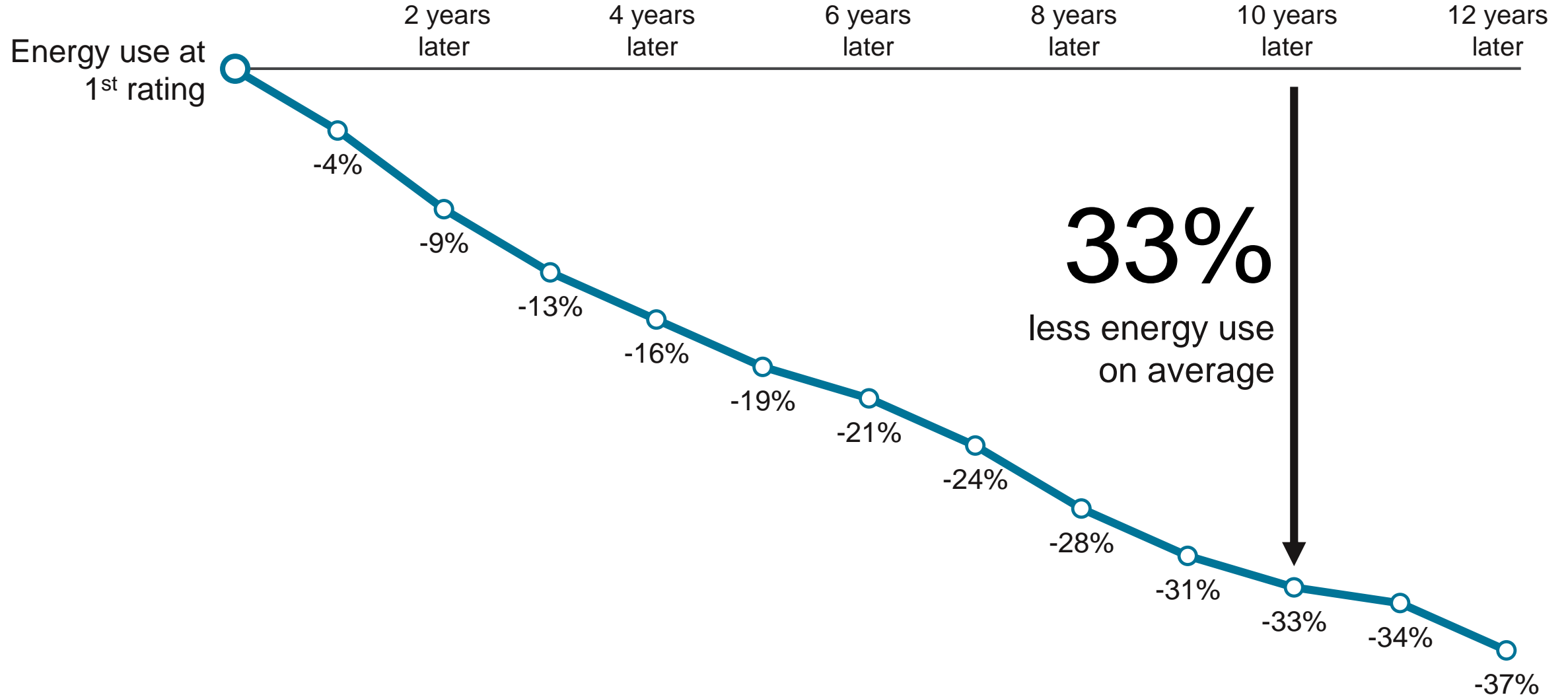
\*Australia Square | 264-268 George St, Sydney. Co-owned by DEXUS and GPT.

# Australia Square Building: a journey from zero to hero



\*Australia Square | 264-268 George St, Sydney. Owned by DEXUS and GPT.

# NABERS-certified buildings reduce energy use at one of the fastest rates in the world



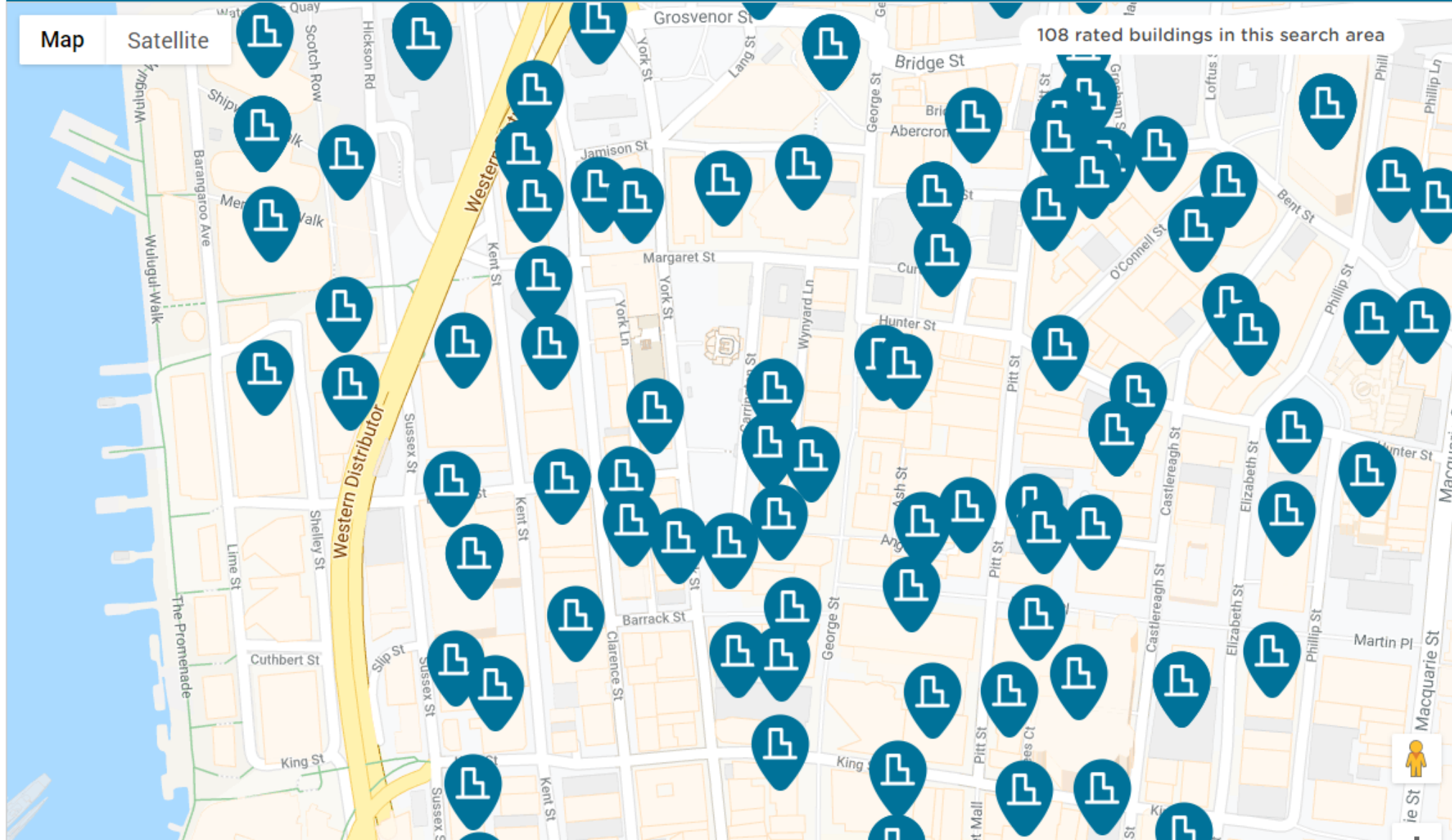


✕ Postcode: 2000

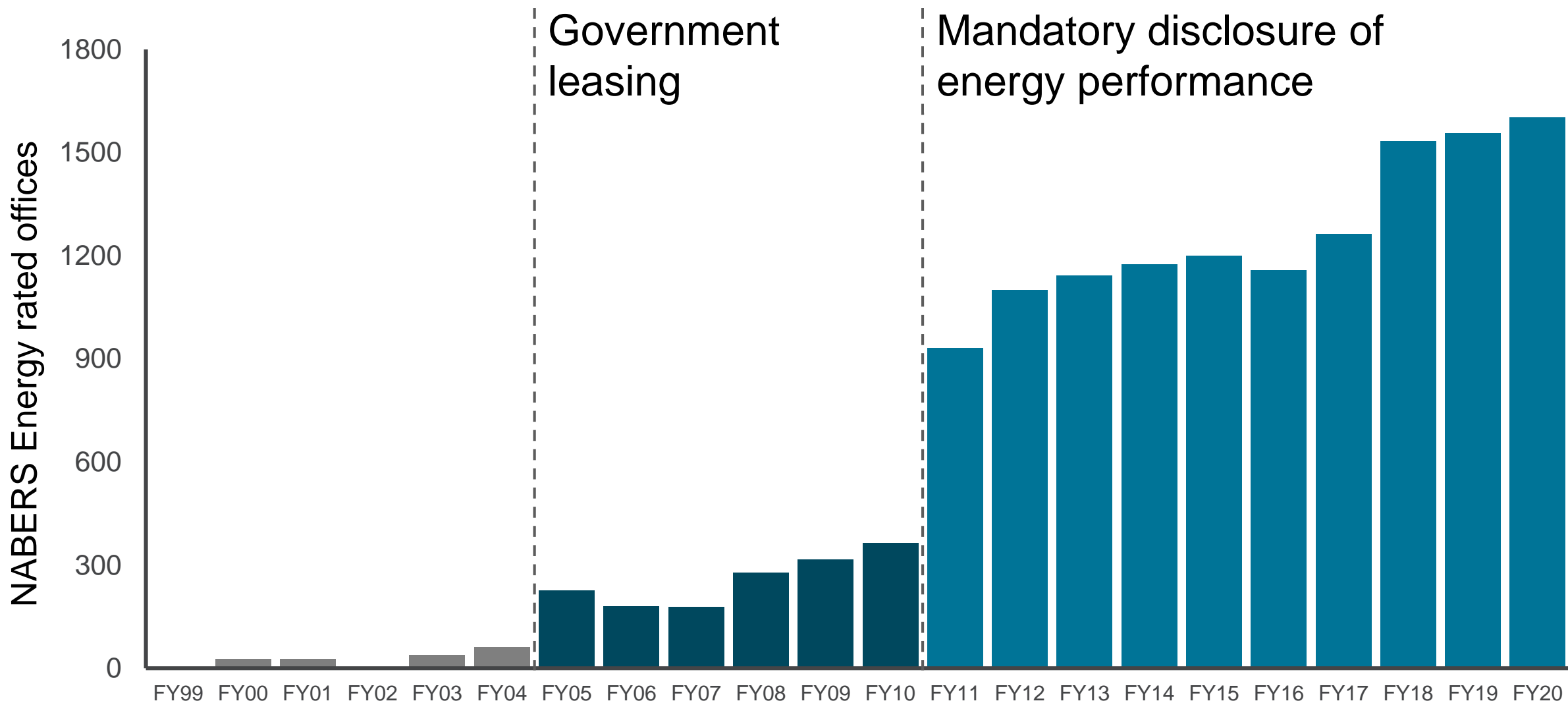
Map

Satellite

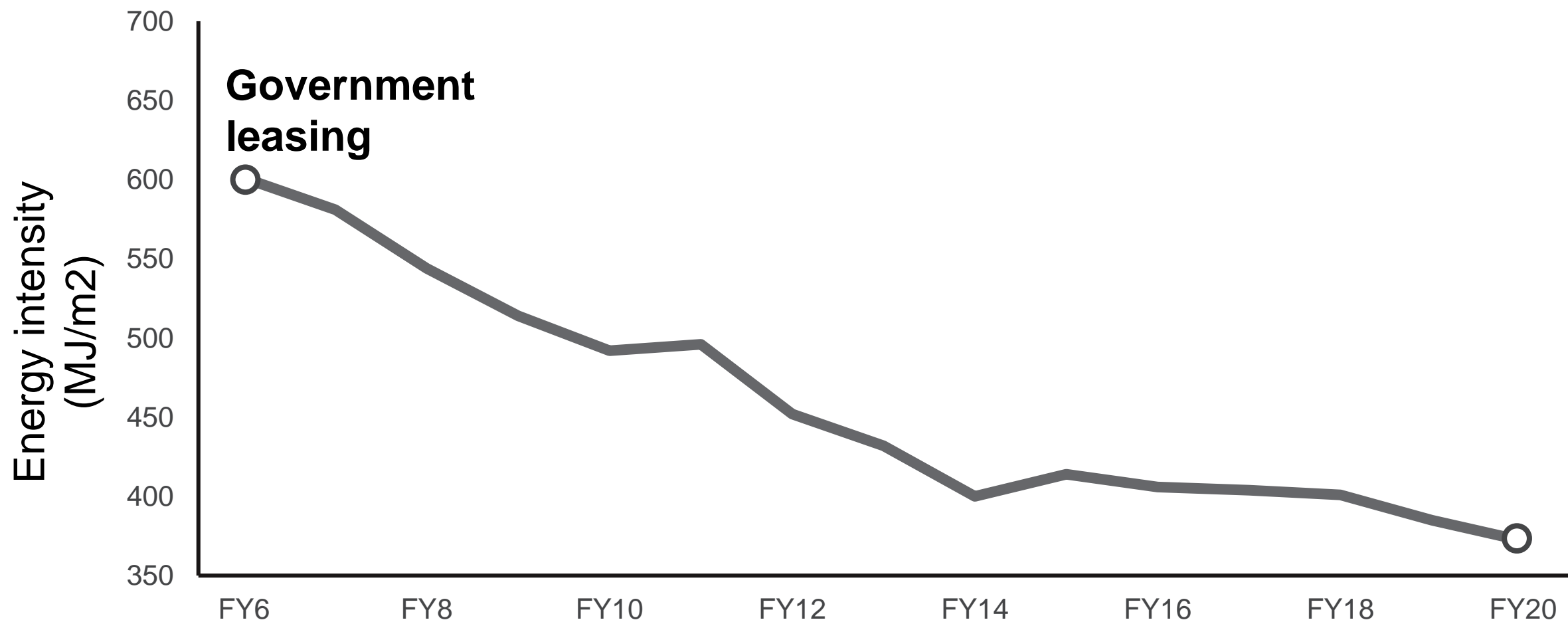
108 rated buildings in this search area



# Government policies made building energy efficiency visible

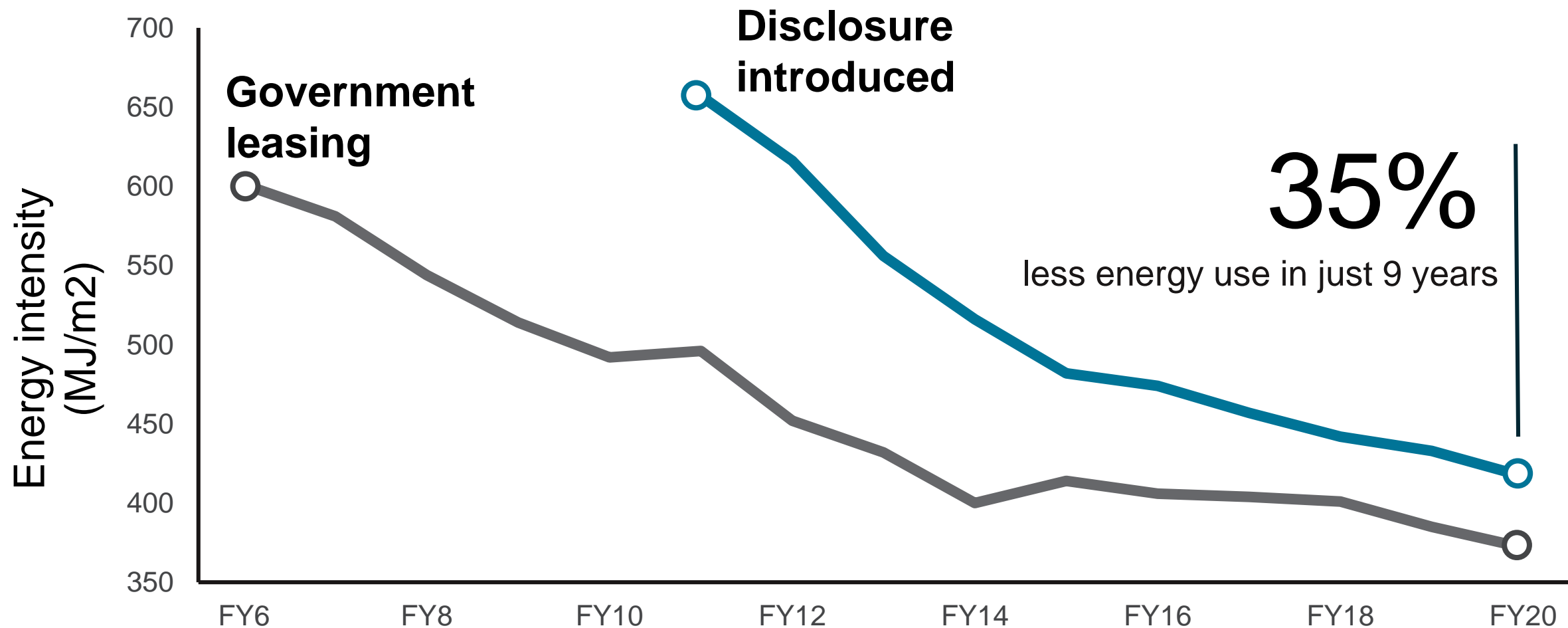


# Energy savings following mandatory disclosure

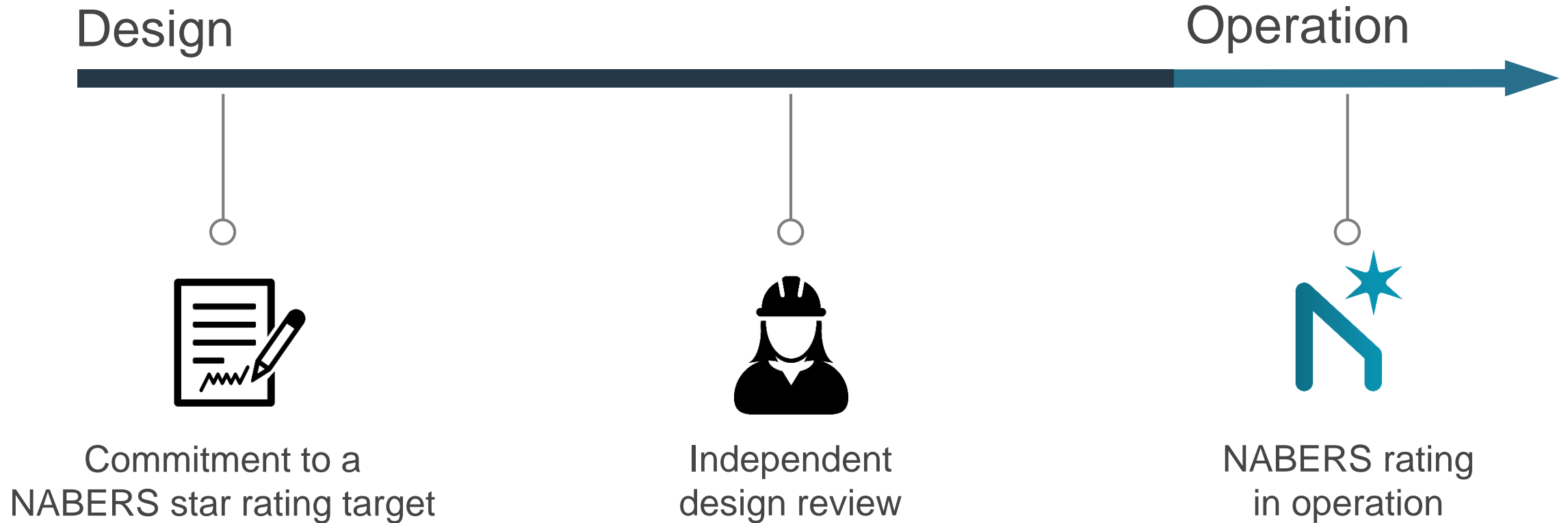




# Energy savings following mandatory disclosure



# NABERS in the Australian building code - bridging the gap between design and performance

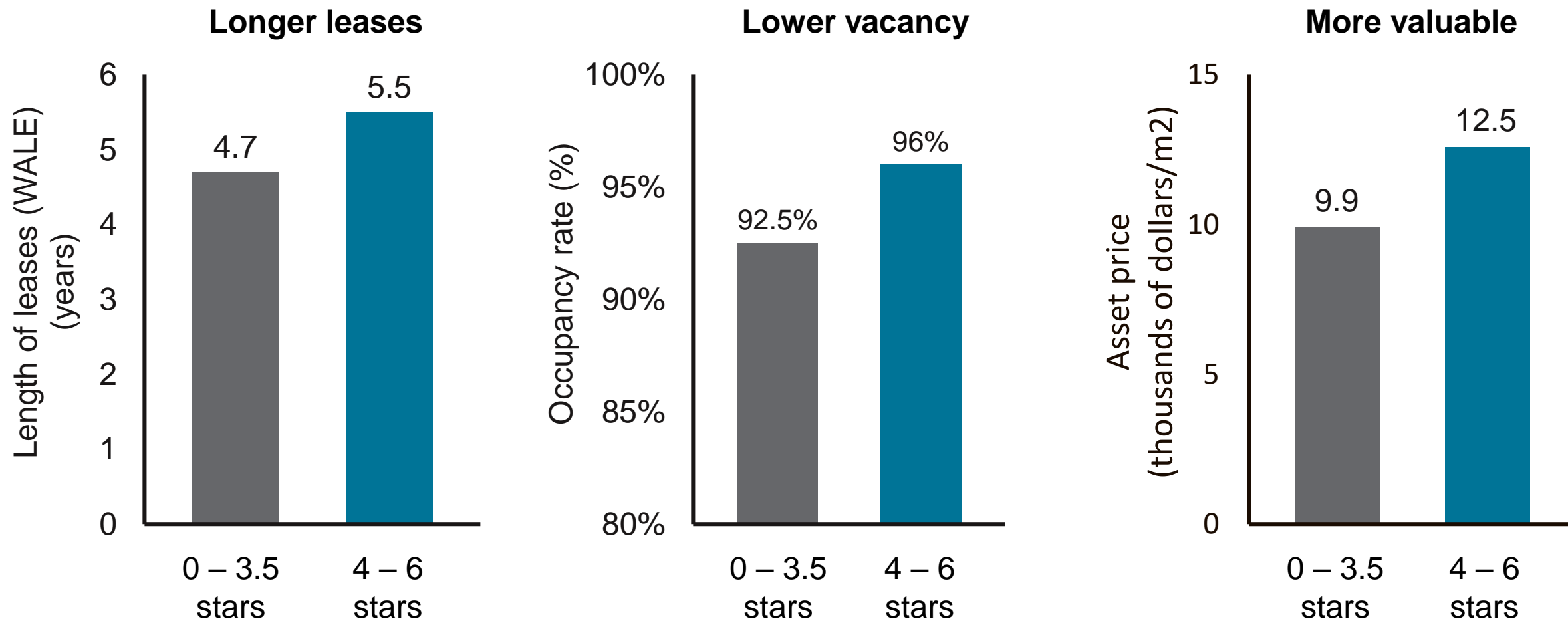




**92%**

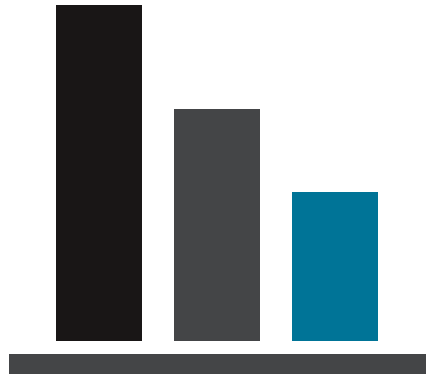
**of new buildings with a NABERS Commitment  
Agreement meet their energy target in operations**

# Good for business, good for the planet (Source: RIA)



\*Source: Real Investment Analytics, Australian Green Office Property indicators 2020 Q2. Figures represent the 5-year average.

# Three things we need from buildings to get to net zero emissions



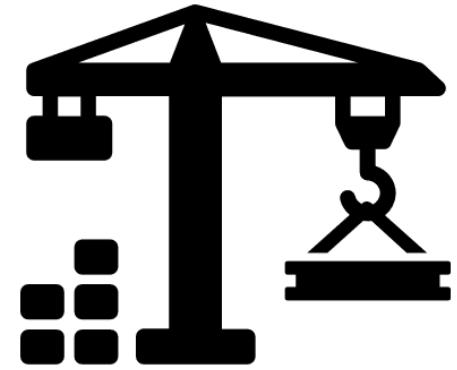
## **Reduce energy use**

To reduce emissions and  
make room for electrification



## **Eliminate fossil fuels**

By electrifying or using  
zero carbon fuels



## **Reduce embodied carbon**

Through low-carbon construction  
materials less-wasteful design

**We are helping other countries create programs like NABERS**

