



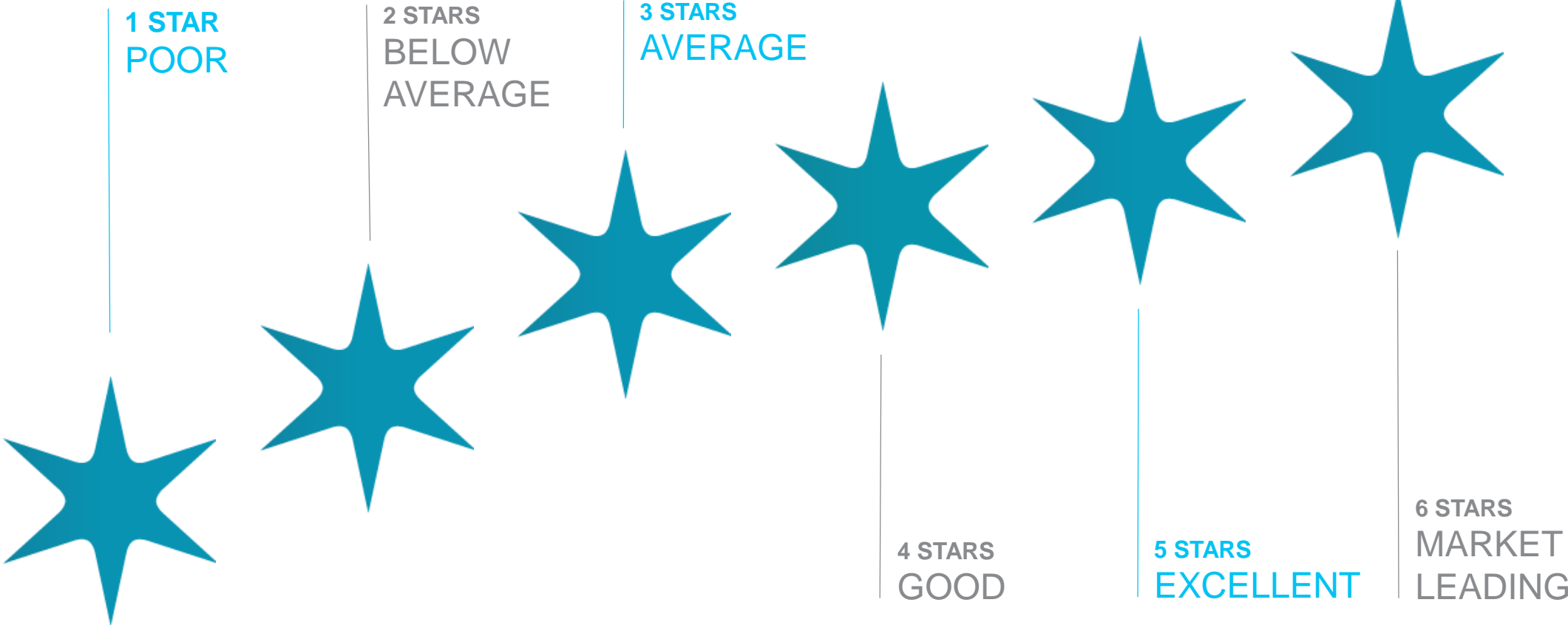
## **NABERS and Australia's pathway to zero emissions in buildings**

**Carlos Flores**

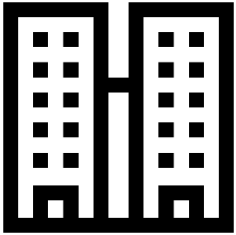
Director, NABERS and Building Sustainability



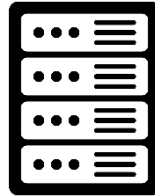
# A language for sustainability



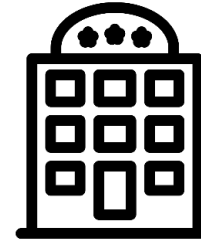
# Sectors currently covered by NABERS



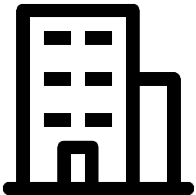
Apartment Buildings



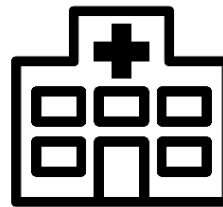
Data centres



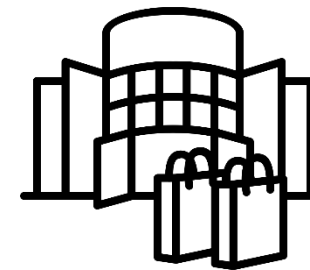
Hotels



Offices



Public Hospitals



Shopping centres

# We certify buildings on

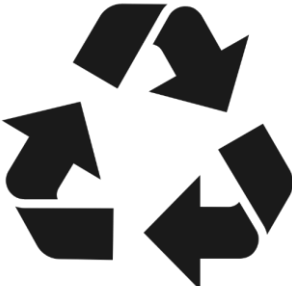


Energy

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Water



Waste



Indoor Environment  
Quality

**Who is using NABERS?**



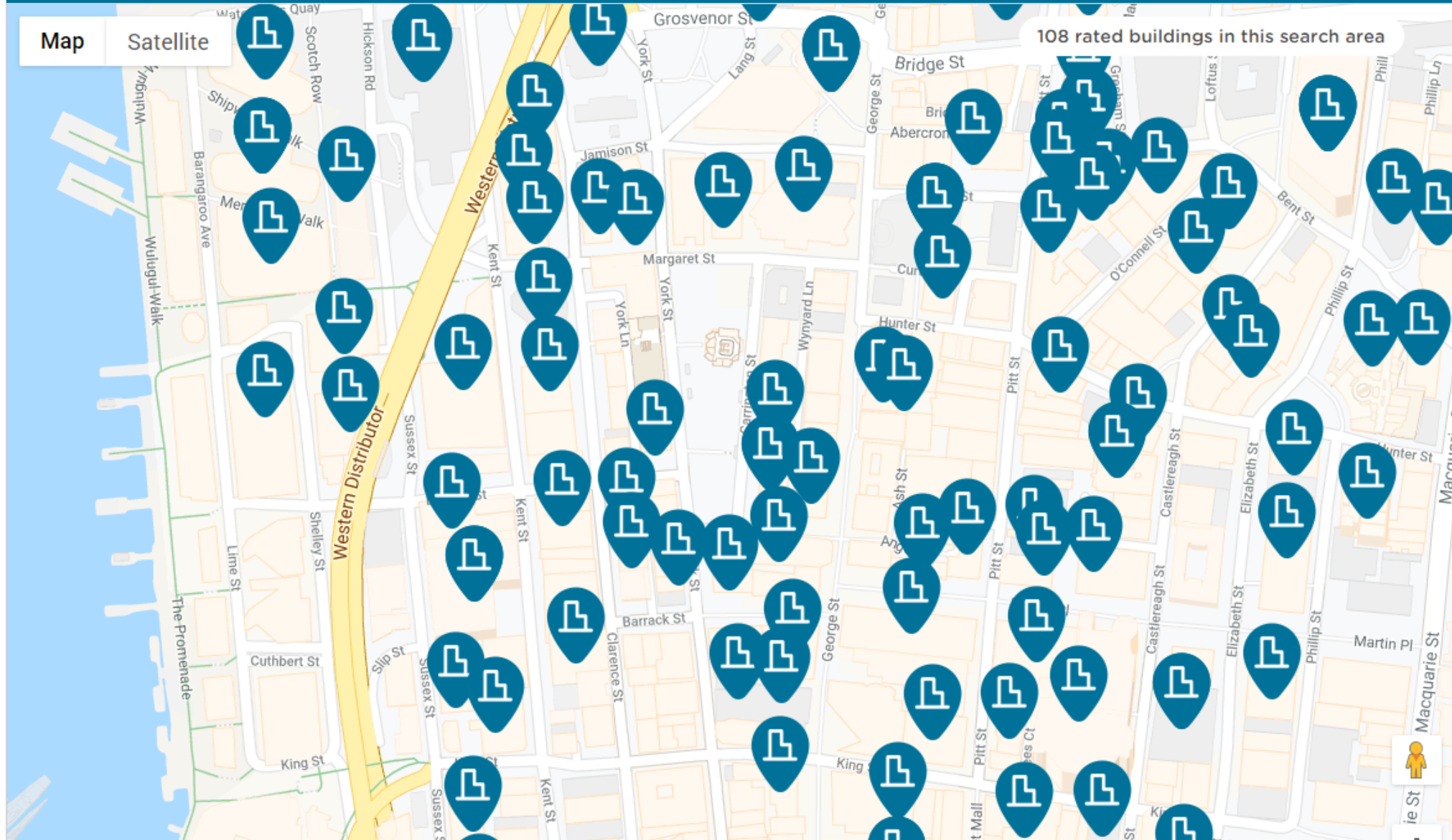


X Postcode: 2000

Map

Satellite

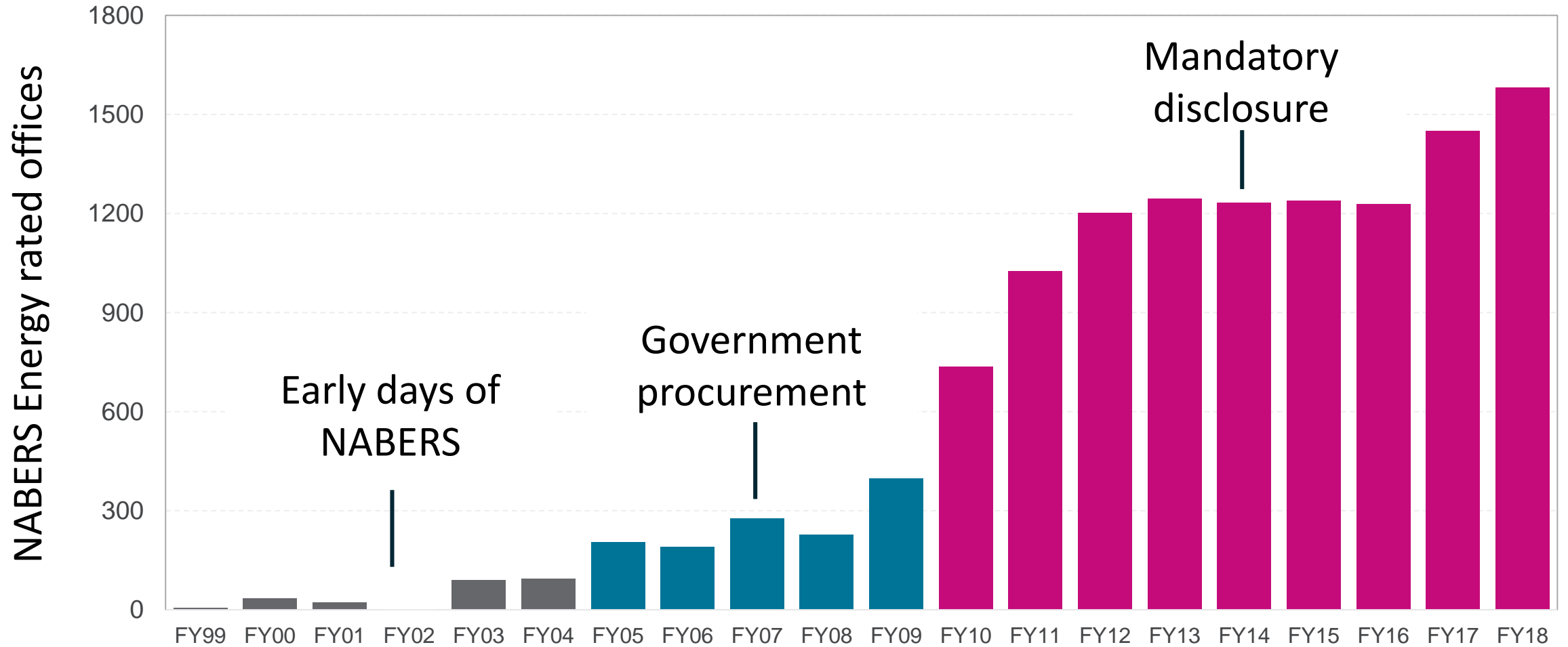
108 rated buildings in this search area



**NABERS is at the centre of many  
government policies**

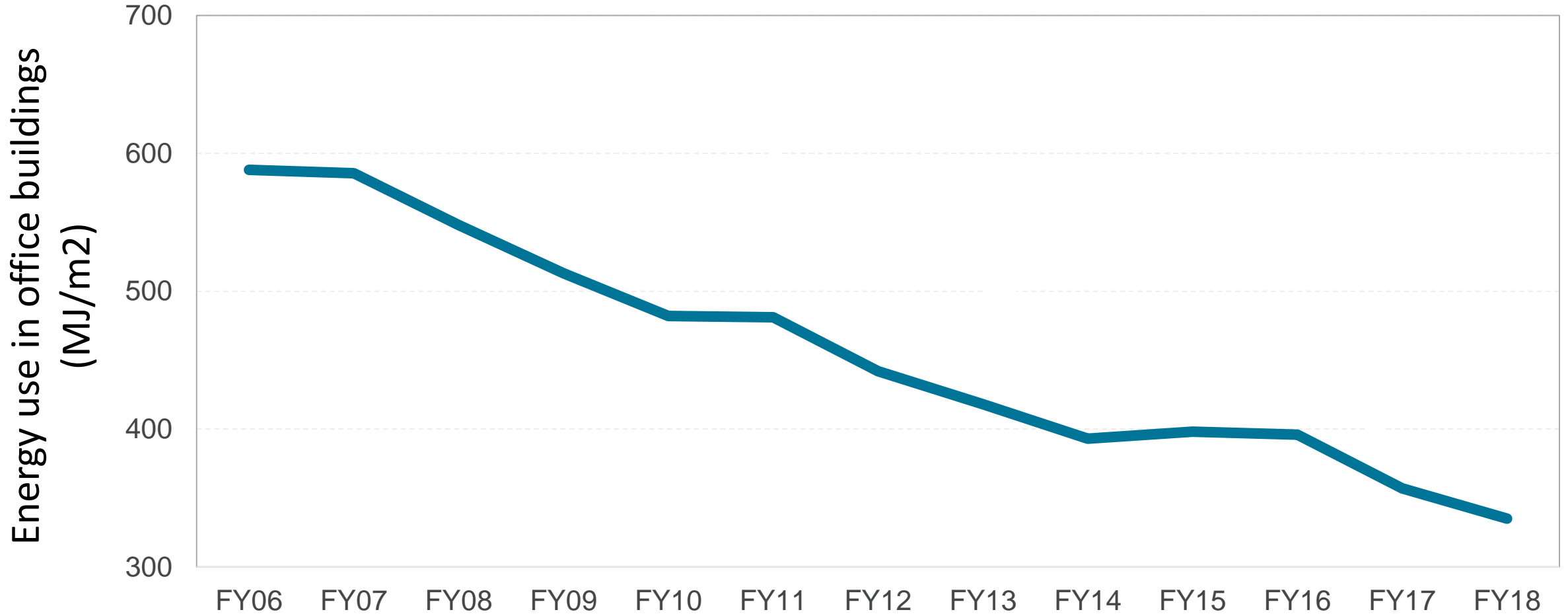


# Policy has been key in building energy efficiency demand

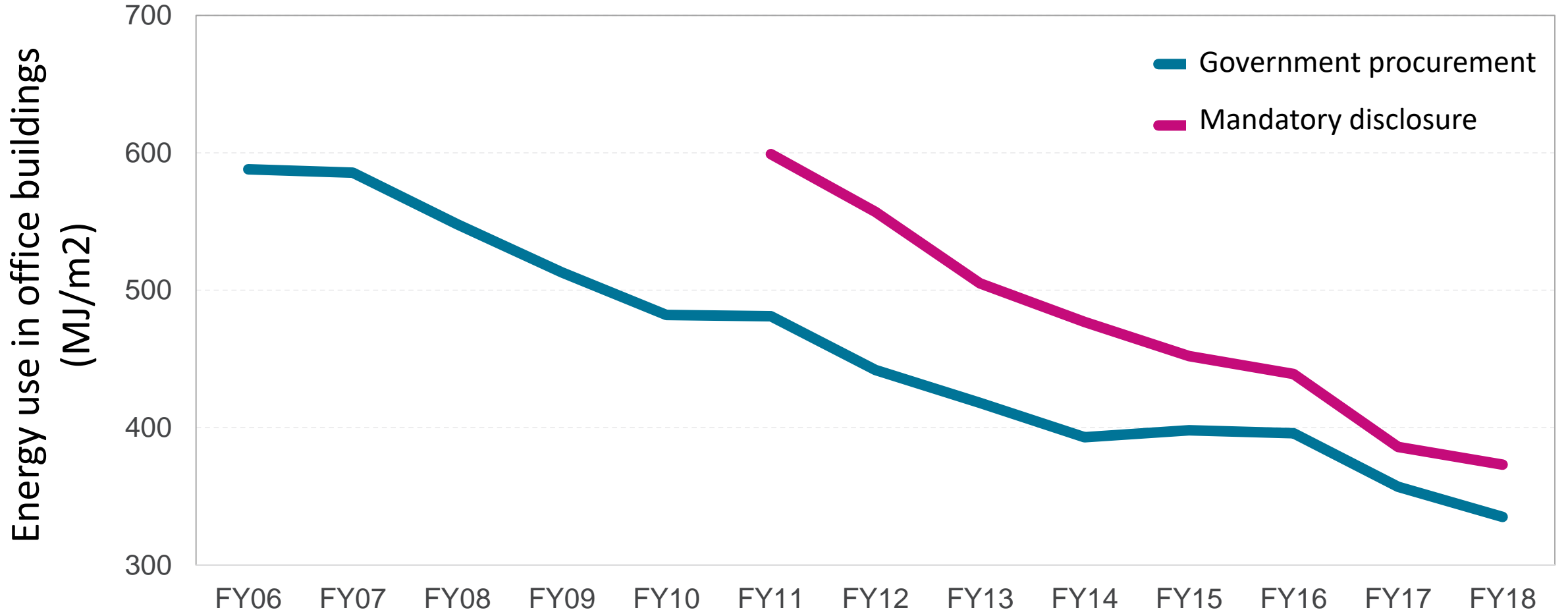




# Energy savings driven by government procurement



# Energy savings driven by mandatory disclosure

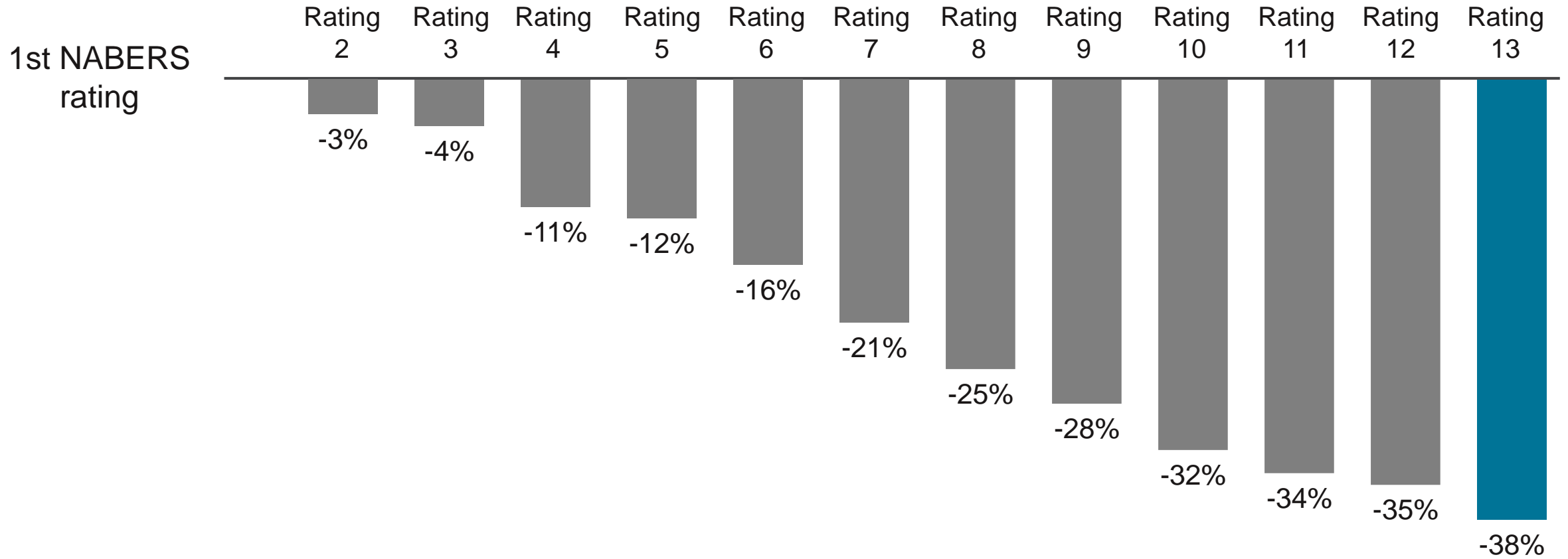


**Buildings certifying under NABERS reduce energy use  
at one of the fastest rates in the world**

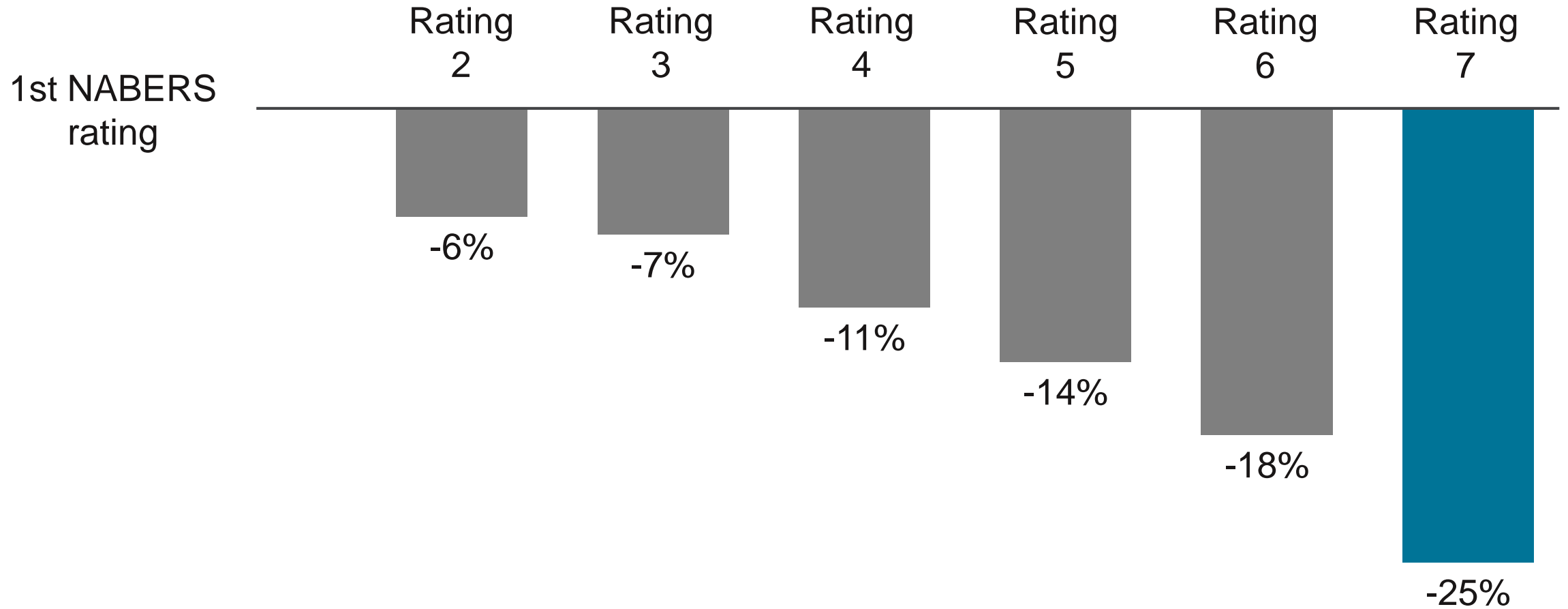


**N A B E R S**

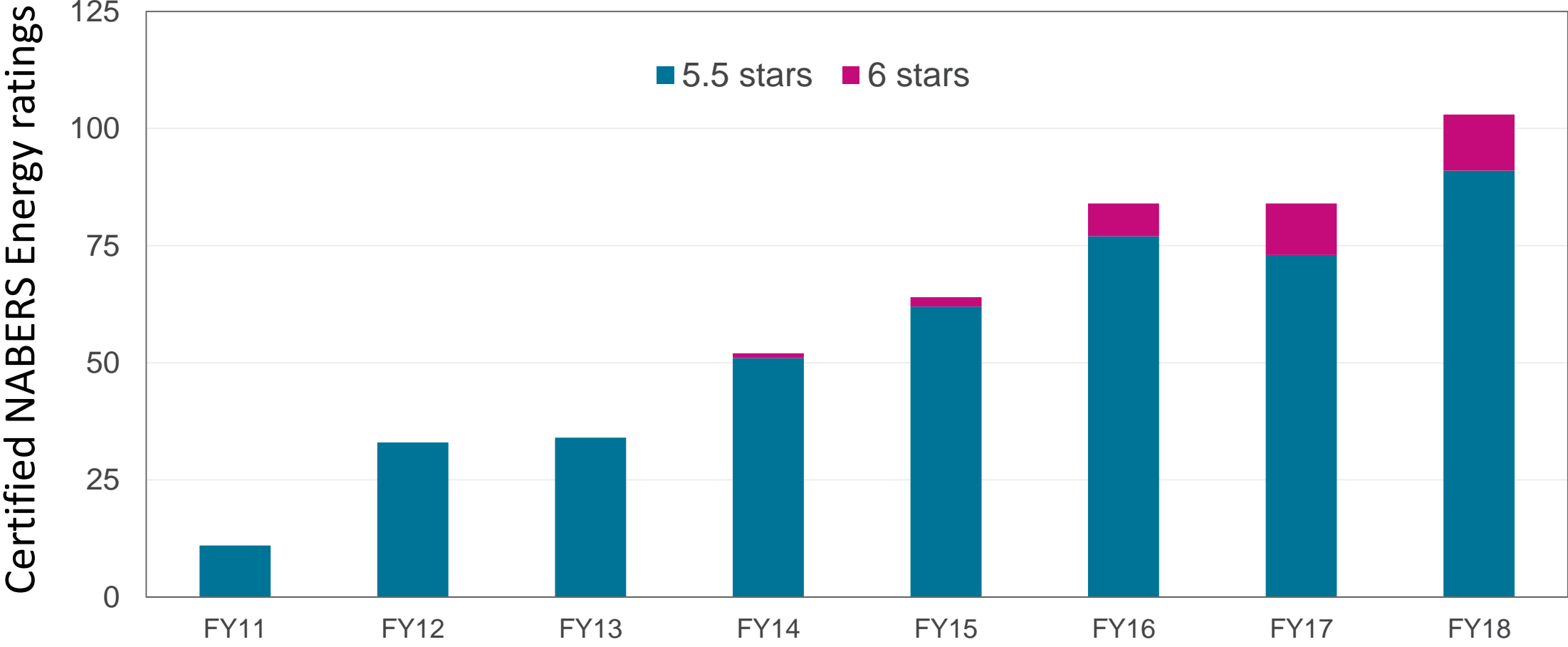
# Energy use reduction in NABERS-rated offices



# Energy use reduction in NABERS-rated shopping centres



# High performing offices are on the rise

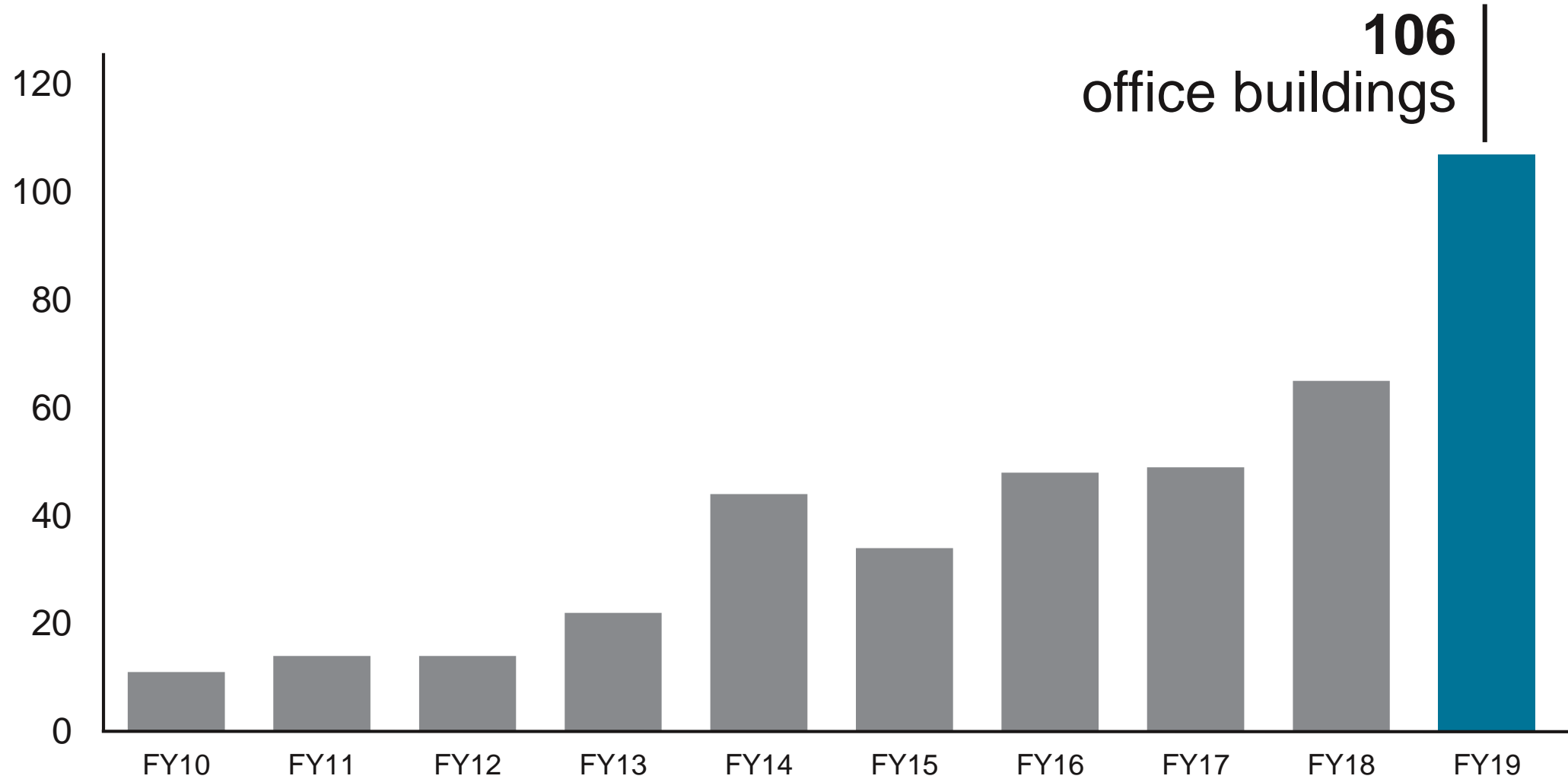


**We do work beyond energy and carbon**



**NABERS**

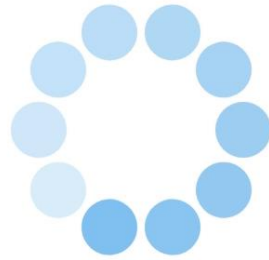
# Offices rated under NABERS Indoor Environment







DISPLAYING DATA FOR | 1 Bligh from 30 Mar 2018 to 29 Mar 2019 FILTER



**Catalysing the role of sustainable finance?**



**NABERS**



N A B E R S

## Sustainable Portfolios

Company	Portfolio	^Rating Period	Portfolio Energy rating		Green Power %	Portfolio rated %	Assets rated	More detail
			without GP	with GP				
Abacus	Abacus Funds Management Limited	FY19	4.1	4.1	0%	94%	15	<a href="#">i</a>
Brookfield	Brookfield Premier Real Estate Partners Australia	CY18	5.3	5.3	0%	100%	4	<a href="#">i</a>
	Brookfield Property Partners	CY18	4.7	4.7	6%	100%	11	<a href="#">i</a>
CBUS Property	Cbus Property	FY19	5.5	5.5	0%	100%	8	<a href="#">i</a>
Charter Hall	Charter Hall Office Trust	FY19	4.7	4.7	1%	100%	10	<a href="#">i</a>
	Charter Hall Prime Office Fund	FY19	4.8	4.8	0%	100%	16	<a href="#">i</a>
Dexus	Dexus Group Office	CY18	4.8	5.0	6%	98%	53	<a href="#">i</a>
Frasers Property	Frasers Property	FY19	4.8	5.0	14%	100%	5	<a href="#">i</a>
GPT	GPT Group Office	FY19	4.7	5.1	17%	96%	26	<a href="#">i</a>
	GPT Office	FY19	4.7	5.1	17%	100%	12	<a href="#">i</a>
	GPT Wholesale Office Fund (GWOF)	FY19	4.7	5.0	22%	95%	17	<a href="#">i</a>
ISPT	ISPT Core Fund	FY19	4.8	4.9	1%	89%	23	<a href="#">i</a>
Lendlease	Australian Prime Property Fund (APPF) Commercial	FY19	4.8	4.8	2%	100%	16	<a href="#">i</a>
	Lendlease Group Office	FY19	4.9	4.9	2%	100%	16	<a href="#">i</a>
Local Government Super	Local Government Property Fund	FY19	5.2	6.0	100%	100%	4	<a href="#">i</a>
Property NSW	Property NSW GREP Sustainability Plan	CY18	3.7*	3.9*	6%	100%	22	<a href="#">i</a>
Stockland	Stockland Office	FY19	4.3	4.3	0%	84%	14	<a href="#">i</a>

# NABERS method for green bonds and green loans



Robustness



Ease of use  
and cost



Partnership

# The new NABERS Strategic Plan: Stakeholder Feedback



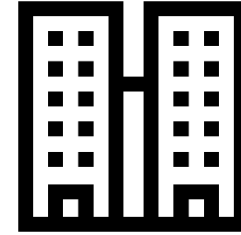
# Allow more sectors to participate in NABERS



Age care & retirement



Industrial buildings



Mix-use buildings



Public buildings



Retail shops & outlets



Schools



Universities

# Carbon neutral certification

Enabling net zero buildings, today



NABERS

# Certifying Carbon Neutral Buildings with NABERS

Establish emission boundary



Offset carbon emissions



# Certifying Carbon Neutral Buildings with NABERS

Establish emission boundary



# NABERS Commitment Agreements

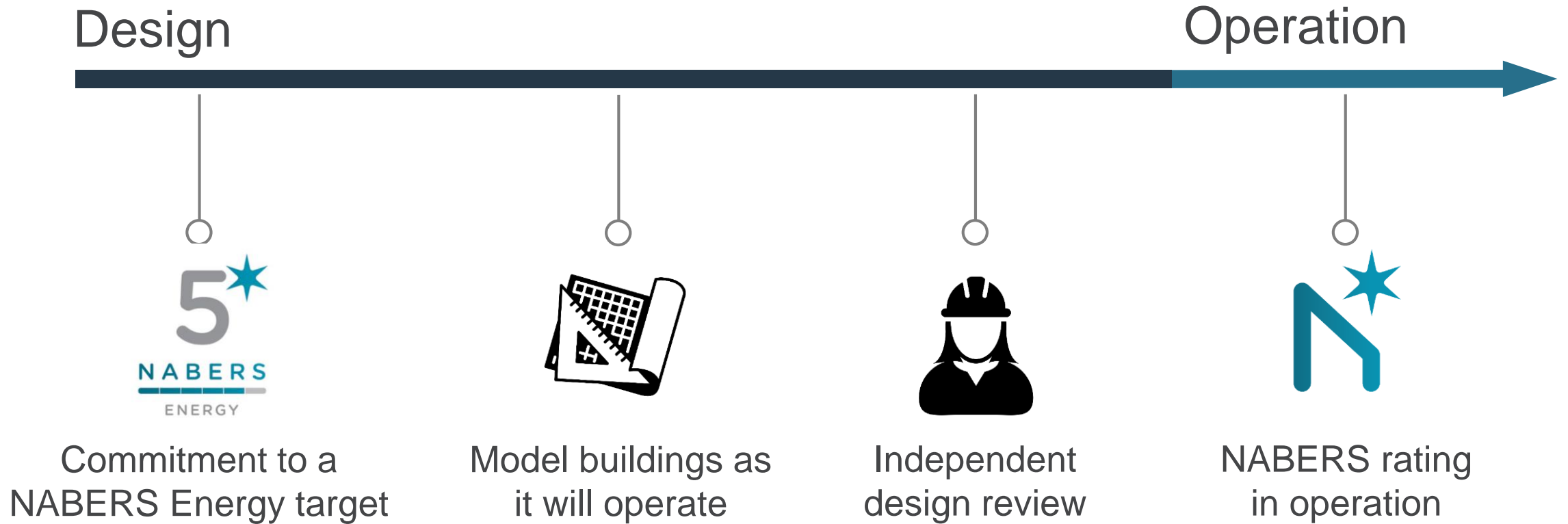
**Bridging the gap between design and performance**



N A B E R S

# NABERS Commitment Agreements

Bridging the gap between design and performance





NABERS

**Thank you**

**Carlos Flores**

[Carlos.Flores@environment.nsw.gov.au](mailto:Carlos.Flores@environment.nsw.gov.au)

[nabers.gov.au](http://nabers.gov.au)