

Sustainability Tools for Transportation
Envision & GRESB

WSP

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We are WSP



Rail & Transportation

Buildings

Maritime



Environment

Energy

Infrastructure



Geomatics



ENVISION



Project Types

Envision



Energy

Distribution
Hydroelectric
Coal
Natural Gas
Wind
Solar
Biomass



Water

Treatment
Distribution
Capture / Storage
Stormwater
Flood Control
Nutrient Management



Waste

Solid waste
Recycling
Hazardous
Waste
Collection & Transfer



Transportation

Airports
Roads / Highways
Bikes / Pedestrians
Railways
Transit
Ports
Waterways



Landscape

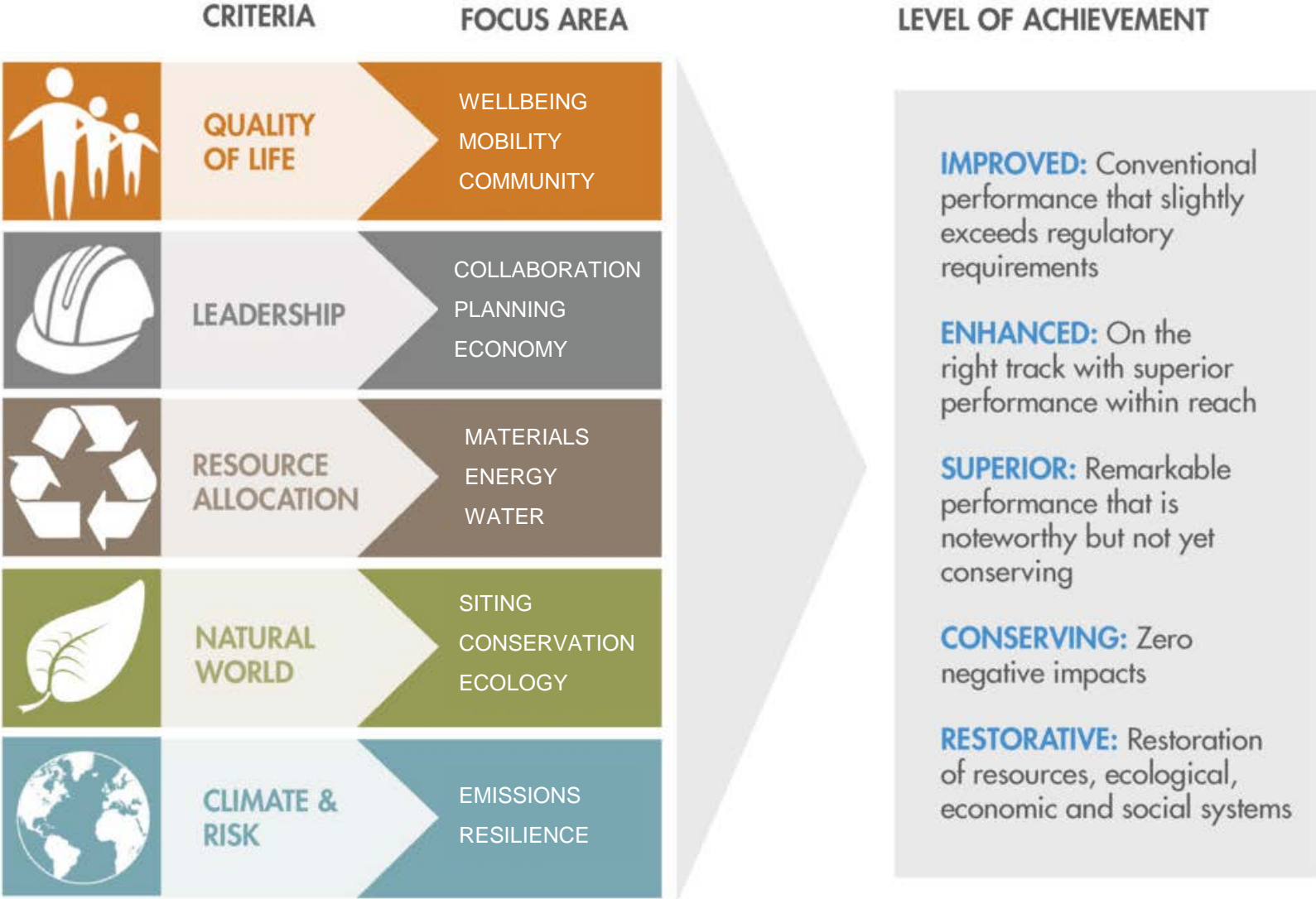
Public Realm
Parks
Ecosystem Services
Natural Infrastructure
Environmental Remediation



Information

Telecom
Cables
Internet
Phones
Data Centers
Sensors

Structure Envision



Certification Award Levels

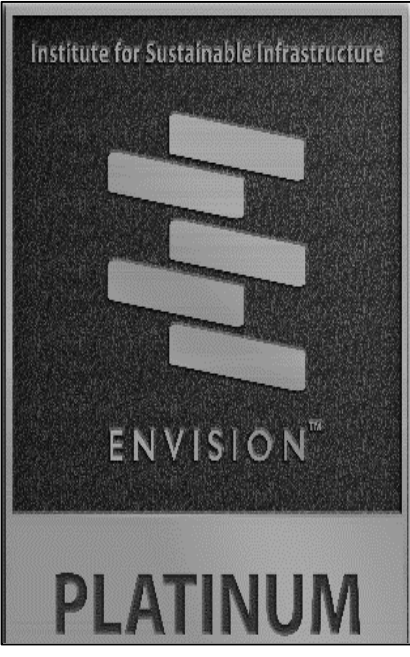
Envision

20%

30%

40%

50%



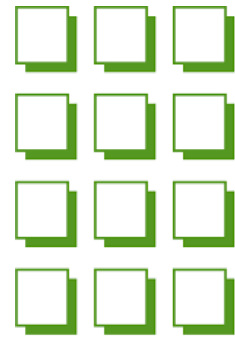


G R E E S B[®]

Berkeley
UNIVERSITY OF CALIFORNIA



Maastricht University



GBCI[®]

Project Types

GRESB Infrastructure



**Energy
Generation (Incl.
renewables)**

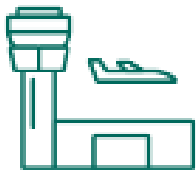


**Energy
Transmission to
Storage**



**Water Resource
Management**

8



Transportation



**Social
Infrastructure**



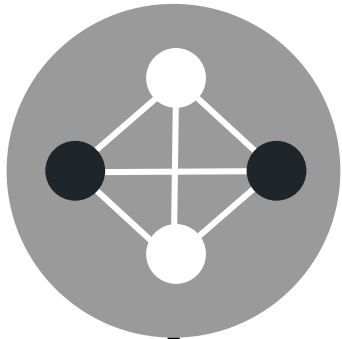
Telecomm.



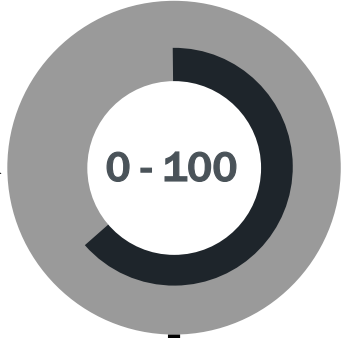
**Waste Treatment
& Disposal**

Structure

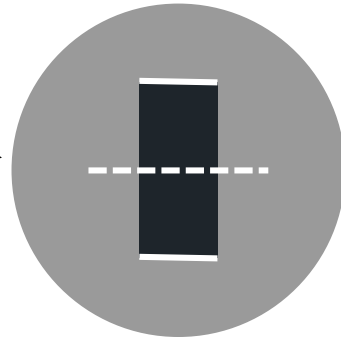
GRESB Infrastructure



Systematic assessment of infrastructure funds and asset



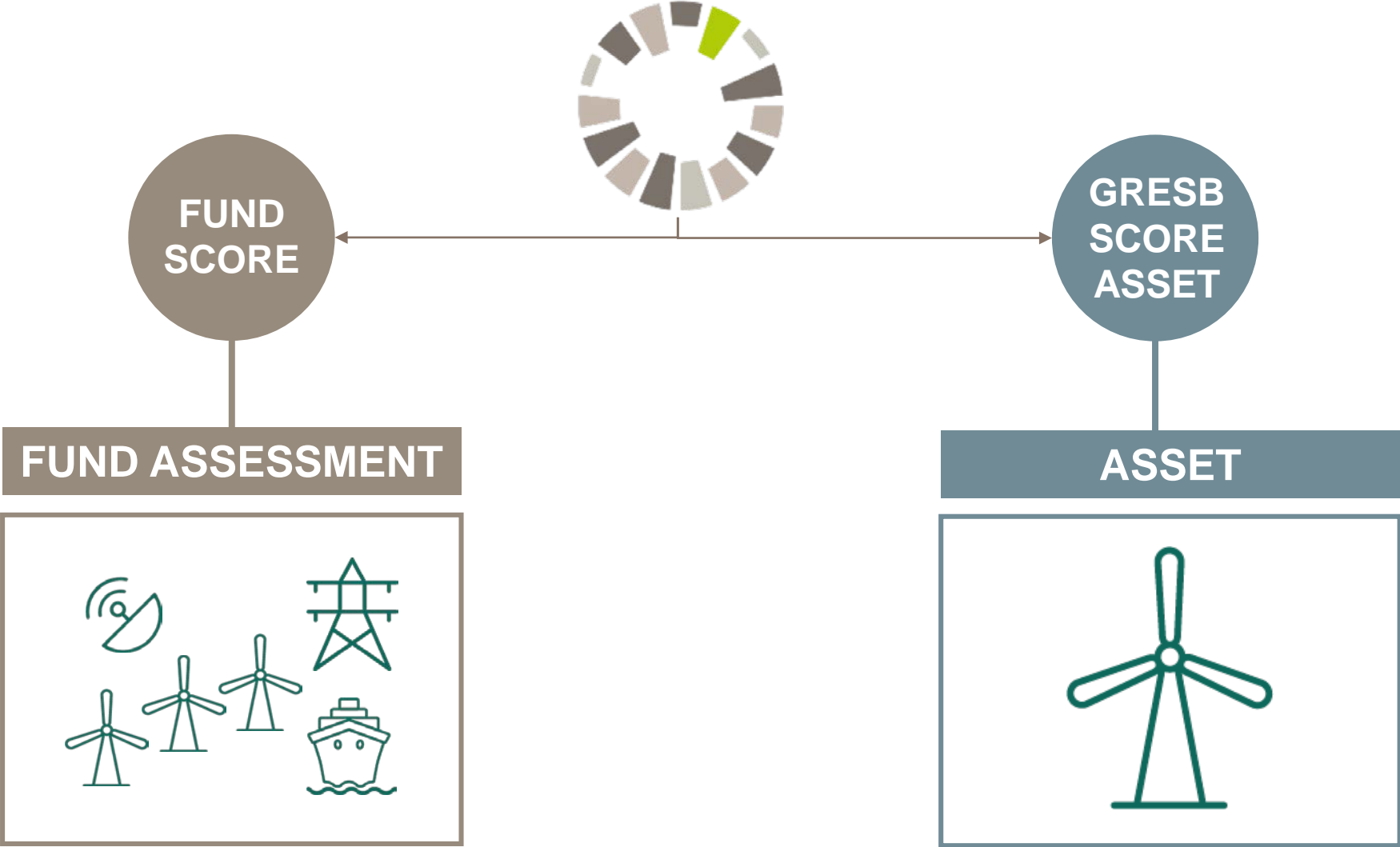
Objective scoring of environmental, social, and governance performance



Peer benchmarking to differentiate market participants

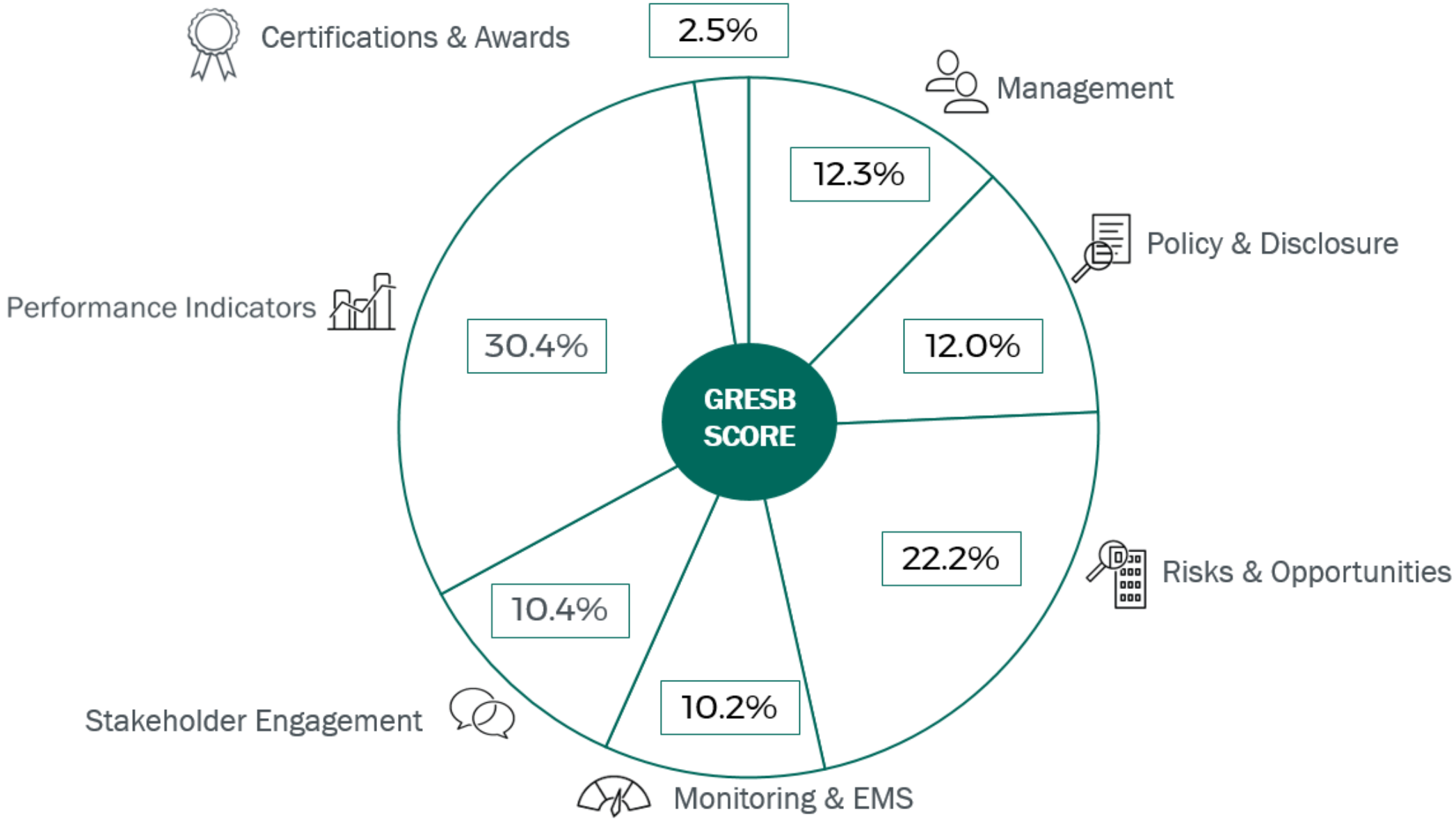
Structure

GRESB Infrastructure



Assessment Metrics

GRESB Infrastructure



Timeline

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- Planning through construction
- Impacts Operations
- No ongoing documentation



GRESB

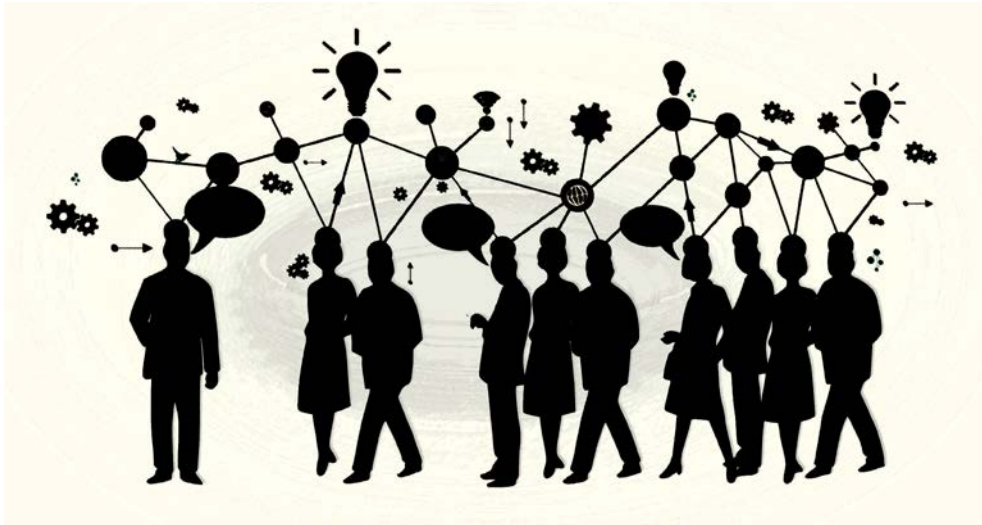
- Ongoing annual reporting
- Ongoing tracking of relevant metrics



Motivators

Envision

- 3rd party validation
- High Public Interest
- Demonstrate leadership



GRESB

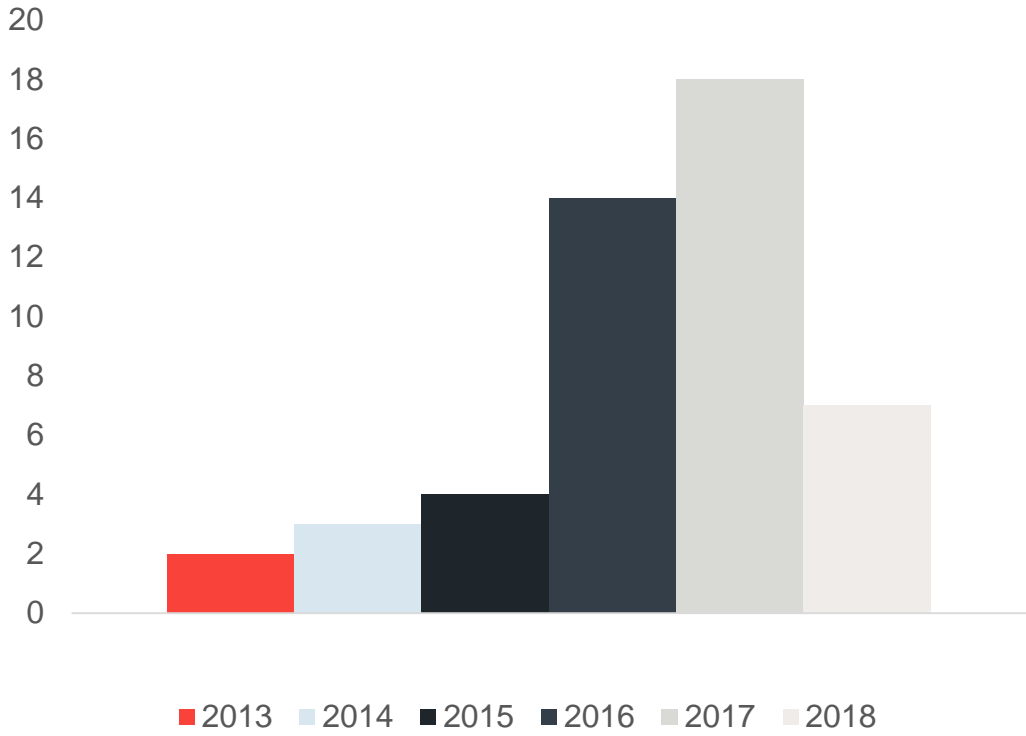
- Attract investors
- Evaluation mechanism
- Comparative peer analysis



Indicators of Success

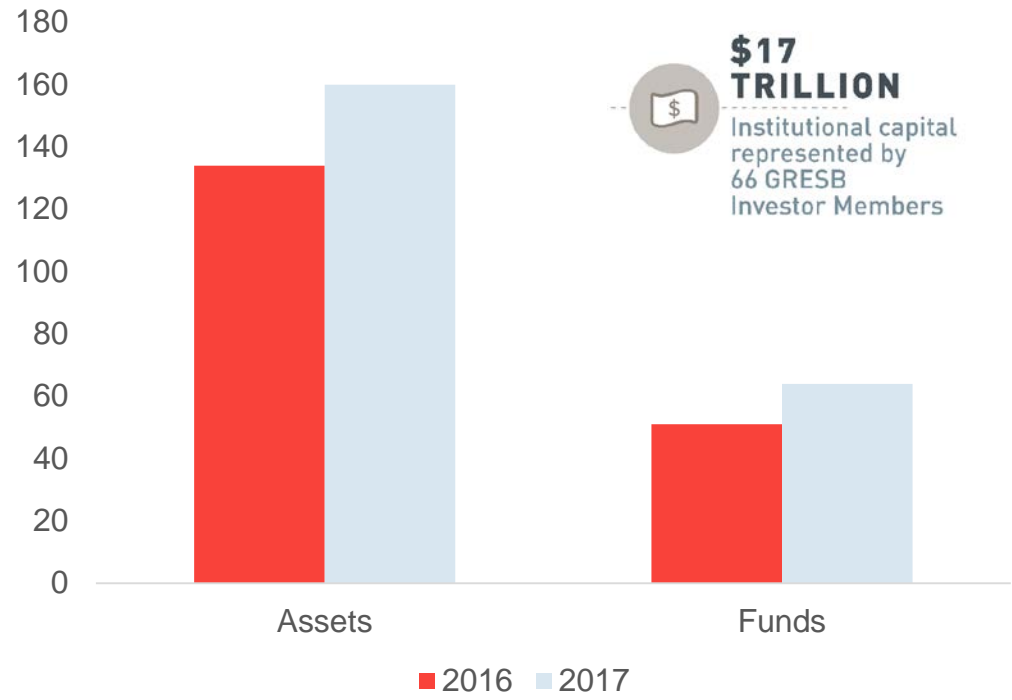
Envision

- Increased visibility
- Increased certifications



GRESB

- Reporting is now standard
- Global uptake
- Broad range of sectors



Thank you!

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