GRESB: The ESG Benchmark for Real Assets

**VISION**
Sustainable Real Assets

**MISSION**
GRESB assesses and benchmarks the ESG performance of real assets, providing standardized and validated data to capital markets

**STRATEGY PILLARS**

**ASSESSMENTS**
Working in collaboration with the industry, we define the benchmark for sustainability performance in real assets

**TECHNOLOGY**
Our technology platform applies best practices in data science to validate, score and benchmark ESG performance data

**STAKEHOLDERS**
We convene a global community of organizations working together to achieve a shared vision of sustainable real assets
Real Asset Sustainability Data and Benchmarking

Mission-driven and investor-led
Governance Structure
Assessment co-created with the industry

- Institutional investors
- Asset managers
- Industry associations

Reporting framework
Benchmarking tool
ESG performance Assessment
Engagement tool

INFRASTRUCTURE ADVISORY BOARD

INFRASTRUCTURE Benchmark Committee
- Asset managers
- Service providers
- Data providers
Two Complimentary Assessments

Funds with ≥25% asset participation

GRESB Score (Fund)

Funds with ≥25% asset participation

30%

70%

FUND ASSESSMENT

FUND SCORE

ASSET ASSESSMENT

ASSET SCORE
GRESB Infrastructure Members

Investor Members

Fund Manager, Asset Operator and Company Members
GRESB Infrastructure Partners

Global Partner

Premier Partners

Partners

Industry Partners
Alignment of ESG Standards

MANAGEMENT COMPONENT
Asset Level
- Strategy & Leadership
- Policies
- Reporting
- Risk Management
- Stakeholder Engagement

PERFORMANCE COMPONENT
Asset Level
- Risks & Opportunities
- Monitoring
- Performance Indicators
  - Energy
  - GHG emissions
  - Water
  - Waste
  - Air pollution
  - Health & Safety
  - Biodiversity & Habitat

- Targets
- Certifications
- Customer satisfaction
- Community Engagement
GRESB Competencies

Self-reported data is validated, scored and benchmarked
Assessments

Structure | Output | Timeline
Asset Assessment Structure

• Annual online Assessment: ESG related indicators covering seven core aspects

• Aligned with international ESG reporting frameworks, guidelines and best practice recommendations

• Sustainability performance across all aspects is expressed in an **Asset Score**

- Management
- Policy & Disclosure
- Risks & Opportunities
- Monitoring & EMS
- Stakeholder Engagement
- Performance Indicators
- Certifications & Awards
## ESG Issues – Asset Assessment

### Environmental issues:
- Air pollutants
- Biodiversity and habitat protection
- Contamination
- Energy
- Greenhouse gas emissions
- Light pollution
- Materials sourcing & resource efficiency
- Noise
- Resilience to catastrophe/disaster
- Resilience (adaptation) to climate change
- Waste
- Water discharge/pollution
- Water use/withdrawal

Other issues: ____________

### Social issues:
- Child labour
- Community development
- Customer satisfaction
- Employee engagement
- Forced or compulsory labor
- Freedom of association
- Gender and diversity
- Health and safety: contractors
- Health and safety: employees
- Health and safety: customers
- Health and safety: community
- Health and safety: supply chain
- Labor standards and working conditions
- Social enterprise partnering
- Stakeholder relations

Other issues: ____________

### Governance issues:
**Board-level issues:**
- Audit committee structure/independence
- Board composition
- Compensation committee structure/independence
- Executive compensation
- Independence of Board chair
- Lobbying activities

Other issues: ____________

### Operational issues:
- Bribery and corruption
- Data protection and privacy
- Cybersecurity
- Fiduciary duty
- Fraud
- Political contributions
- Whistleblower protection

Other issues: ____________
Fund Assessment Structure

• 11 indicators focused on management and investment processes

• Aligned with international ESG reporting frameworks, guidelines and best practice recommendations

• Funds participating with at least 25% of assets in the Asset Assessment receive an overall GRESB score and be allocated to a corresponding peer group.
Assessment Components

- **FUND ASSESSMENT**
  - **FUND MANAGEMENT 30%**
    - Organizational Level
  - **PERFORMANCE 70%**
    - Aggregated Asset Assessments

- **ASSET ASSESSMENT**
  - **MANAGEMENT COMPONENT**
    - Asset Level
  - **PERFORMANCE COMPONENT**
    - Asset Level

- **ASSET ASSESSMENT**
  - **MANAGEMENT COMPONENT**
    - Asset Level
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  - **MANAGEMENT COMPONENT**
    - Asset Level
  - **PERFORMANCE COMPONENT**
    - Asset Level
GRESB Benchmark Reports

Peer-benchmarking and actionable business intelligence for participating managers
GRESB’s commitment to transparency

Intellectual Property available online

- Assessments and Reference Guide
- Participants
- Aggregated Results

What is the GRESB Infrastructure Asset Assessment?

The GRESB Infrastructure Asset Assessment provides the basis for systematic reporting, objective scoring and peer benchmarking of ESG management and performance of infrastructure assets around the world. Both single and multi-asset operators can participate and the process leads to deep data insights for investors, fund managers and asset operators.

The Asset Assessment is organized around 7 core aspects, as set out above. These aspects are broken down into indicators addressing asset-level plans and policies, implementation actions and operational performance.

The Assessment provides the information needed to assess efforts to maximize beneficial outputs, such as energy production, mobility, or access to clean water, while minimizing social and environmental impacts.

The data are subjected to a multi-layer validation process and the result is high-quality data that investors and participants can use in their investment and decision-making processes.

Based on the Assessment, GRESB provides an overall GRESB Score for each participant as well as peer group comparisons that take into account country, regional, sectoral and investment type variations.

Download 2019 Infrastructure Indicators Summary
Download 2019 Infrastructure Asset Assessment
Download 2019 Infrastructure Asset Assessment Reference Guide
Download 2019 Infrastructure Asset Scoring Document
Download 2019 Infrastructure Asset Assessment (Excel format)
Download 2019 Infrastructure Materiality Tool
Download 2019 Infrastructure Sector Metrics List

DIRECTORY

GRESB Members
GRESB Partners
GRESB Participants
GRESB Timeline

Preparation | Submission | Validation | Results

March 1st
Release of:
- Assessments
- Reference Guides

April 1st
GRESB Portal opens for Assessment submission
Infrastructure Response Check period begins

June 1st
Infrastructure Response Check request deadline

July 1st
GRESB Infrastructure Assessment submission deadline

September
Launch of individual Assessment Results
GRESB Infrastructure market aggregate Results
2019 Public Results
Summary
GRESB Infrastructure - Regional Coverage

Asset score/facilities (USD billions, 2019)
GRESB Infrastructure Development

Funds

![Graph showing the number of fund participants from 2016 to 2019. The graph indicates a steady increase in participation across different regions.](image)

**Average % of fund’s portfolio reporting to GRESB Asset Assessment**

- 55% in 2018
- 50% in 2019
GRESB Infrastructure Development

Assets

Total Assets (+40%)

$471bn+ GAV
2019 Asset Sector Score

- **Transport**: 105 (+37)
- **Network Utilities**: 36 (+10)
- **Energy and Water Resources**: 16 (+8)
- **Other**: 12 (-5)
- **Renewable Power Generation**: 83 (+20)
- **Power Generation X-Renewables**: 29 (+8)
- **Environmental Services**: 9 (+4)
- **Social Infrastructure**: 77 (+24)
- **Data Infrastructure**: 21 (+10)
- **Diversified**: 5 (-3)

# Participants (Comparison with 2018)

Average GRESB Asset Score
GRESB Asset Model
Asset Aspect Scores

- Management: 57
- Policy & Disclosure: 49
- Risks & Opportunities: 41
- Monitoring & EMS: 42
- Stakeholder Engagement: 47
- Performance Indicators: 42
- Certifications & Awards: 11

- 2017
- 2018
- 2019
Infrastructure Public Disclosure Dataset

- Americas: 70 participants, USD 1,502 bn
- Europe: USD 772 bn, 38 participants
- Asia: USD 519 bn, 37 participants
- Oceania: USD 75 bn, 10 participants
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• Stay up to date with the latest news from GRESB
• Be the first to receive ESG data for the real asset sector
• Learn about the issues investors consider to be critical to the sustainability performance of real asset investments

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