



Final Constituents GLIO/GRESB ESG Index Series

Global Property Research announces the final constituents of the GLIO/GRESB ESG Index Series, which will become effective as of 21 November 2022 (start of trading). The leading and most liquid infrastructure companies worldwide are selected on free float shares traded in the past 12 months. Only companies with a minimum weight of 0.02% and a free float percentage of at least 15% are eligible for inclusion. The constituents included in the GLIO/GRESB ESG Index Series are assigned a base weighting derived from their (i) free float market capitalization on the date of the periodic adjustments and (ii) newly announced GRESB Infrastructure Public Disclosure Score. The constituents of the GLIO/GRESB ESG Index Series as of 21 November 2022 can be found on the next pages.

The constituent changes of the GLIO Index are as follows:

Inclusions		Exclusions	
Country	Company	Country	Company
Canada	Gibson Energy	China	Yuexiu Transport Infrastructure Ltd
New Zealand	Chorus Ltd	Germany	Hamburger Hafen und Logistik AG
United States	Exelon Corp	Indonesia	PT Jasa Marga Tbk
		Italy	Rai Way SpA

The GLIO/GRESB ESG Index series are distributed via our website www.globalpropertyresearch.com, Bloomberg, Reuters, ThomsonReuters/Datastream, ThomsonReuters/Eikon, FactSet Research Systems, Inc. and Rimes Technologies Inc.



Americas

Brazil

CCR SA
Companhia de Saneamento Basico do Estado De Sao Paulo
CPFL Energia SA
EDP - Energias do Brasil SA
Equatorial Energia SA
Rumo SA

Canada

AltaGas Ltd
Canadian National Railway Co
Canadian Pacific Railway Ltd
Emera Inc
Enbridge Inc
Fortis Inc
Gibson Energy
Hydro One Ltd
Keyera Corp
Pembina Pipeline Corp
TC Energy Corp
TransAlta Renewables Inc

Chile

Aguas Andinas SA
Enel Americas SA
Enel Chile SA

Mexico

Grupo Aeroportuario del Centro Norte SAB de CV
Grupo Aeroportuario del Pacifico SAB de CV
Grupo Aeroportuario del Sureste SAB de CV
Promotora y Operadora de Infraestructura SAB de CV

United States

Algonquin Power & Utilities Corp
ALLETE Inc
Alliant Energy Corp
Ameren Corp
American Electric Power Inc
American States Water Co
American Tower Corp
American Water Works Co Inc
Atlantica Sustainable Infrastructure plc
Atmos Energy Corp
Avista Corp
Black Hills Corp
California Water Service Group
Centerpoint Energy Inc
Cheniere Energy Inc
CMS Energy Corp

Consolidated Edison Inc
Crown Castle Inc.
CSX Corp
Dominion Energy Inc
DT Midstream Inc.
DTE Energy Co
Duke Energy Corp
Edison International
Entergy Corp
Essential Utilities Inc.
Eversource Energy
Exelon Corp
FirstEnergy Corp
IDACORP Inc
Kinder Morgan Inc
MGE Energy Inc
Middlesex Water Co
NextEra Energy Inc
NiSource Inc
Norfolk Southern Corp
Northwest Natural Holding Company
NorthWestern Corp
OGE Energy Corp
ONE Gas Inc
ONEOK Inc
PG&E Corp
Pinnacle West Capital Corp
PNM Resources Inc
Portland General Electric Co
PPL Corp
Public Service Enterprise Group Inc
SBA Communications Corp
Sempra Energy
SJW Group
Southern Co
Spire Inc
Targa Resources Corp
The Williams Companies Inc.
Union Pacific Corp
Uniti Group Inc
Unitil Corp
WEC Energy Group Inc
Xcel Energy Inc

Analysts:

Jeroen Vreeker j.vreeker@gpr.nl
Floris van Dorp f.van.dorp@gpr.nl

Global Property Research
Strawinskylaan 1327, B1305
1077 XW Amsterdam | The Netherlands

Phone: +31 6 51189481/+31 6 45456211
Email: info@gpr.nl
Website: www.globalpropertyresearch.com



Europe

Belgium

Elia Group SA/NV

Denmark

Ørsted A/

France

Aéroports de Paris

Engie SA

Eutelsat Communications SA

Getlink SE

SES SA

Vinci SA

Germany

Fraport AG Frankfurt Airport Services Worldwide

Italy

Atlantia SpA

Enav SpA

Enel S.p.A.

Infrastrutture Wireless Italiane SpA

Italgas SpA

Snam SpA

Terna Rete Elettrica Nazionale SpA

Netherlands

Vopak NV

Portugal

EDP

EDP Renovaveis SA

Redes Energeticas Nacionais SGPS SA

Russia

Federal Grid Company Unified Energy System PJSC

Spain

Aena SME SA

Cellnex Telecom SAU

Enagas SA

Ferrovial SA

Iberdrola SA

Red Electrica Corp SA

Switzerland

Flughafen Zuerich AG

Turkey

TAV Havalimanlari Holding AS

United Kingdom

National Grid plc

Pennon Group PLC

Severn Trent PLC

SSE PLC

United Utilities Group PLC



Africa, Asia and Oceania

Australia

APA Group
Atlas Arteria
Aurizon Holdings Ltd
Transurban Group

China

Beijing Capital International Airport Co Ltd
Beijing Enterprises Holdings Ltd
Beijing Enterprises Water Group Ltd
China Gas Holdings Ltd
China Merchants Port Holdings Co Ltd
China Resources Gas Group Ltd
China Tower Corporation Limited
ENN Energy Holdings Ltd
Jiangsu Expressway Co Ltd
Shenzhen Expressway Co Ltd
Zhejiang Expressway Co Ltd

Hong Kong

CLP Holdings Ltd
COSCO SHIPPING Ports Ltd
HK Electric Investments & HK Electric Investments Ltd
The Hong Kong and China Gas Company Ltd

Indonesia

PT Tower Bersama Infrastructure Tbk

Japan

Central Japan Railway Co
East Japan Railway Co
Toho Gas Co Ltd
Tokyo Gas Co Ltd
West Japan Railway Company

Malaysia

Malaysia Airports Holdings Bhd
Tenaga Nasional Bhd
Westports Holdings Bhd

New Zealand

Auckland International Airport Ltd
Chorus Ltd

Philippines

International Container Terminal Services Inc
Metro Pacific Investments Corp

Singapore

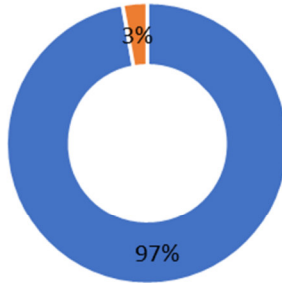
Hutchison Port Holdings Trust

Thailand

Airports of Thailand Public Co Ltd
Bangkok Expressway and Metro Public Company Ltd

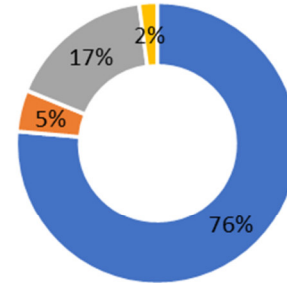


market weights



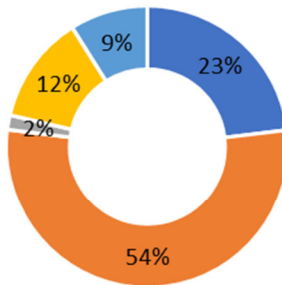
■ Developed Markets ■ Emerging Markets

continent weights



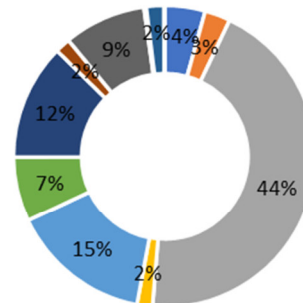
■ Americas ■ Asia ■ Europe ■ Oceania

main sector weights



■ Transportation
 ■ Utilities
 ■ Renewables
 ■ Energy Transportation
 ■ Communications Infrastructure

sector weights



■ Toll-roads ■ Water Utilities
 ■ Electric Utilities ■ Renewables
 ■ Railroads ■ Gas Utilities
 ■ Energy Transportation ■ Airports
 ■ Telecom Infrastructure ■ Marine Ports
 ■ Passenger Rail ■ Satellites