



## EGL's portfolio manager

Jean-Hugues de Lamaze
Managing Director and Portfolio Manager



Portfolio Manager, Ecofin Global Utilities and Infrastructure Trust plc and the Ecofin Sustainable Listed Infrastructure UCITS Fund.

Joined Ecofin as Portfolio Manager in 2008. 33 years of experience in equities and utilities/infrastructure; 16 years as a specialist PM (Ecofin, UV Capital) and, previously, 17 years on the sell-side as a research analyst (Goldman Sachs, Credit Suisse, Enskilda). Director of Direct Energie S.A., 2012-2019.

Education: INSEAD (Paris), Institut Superieur de Gestion (Paris), LLB from Paris II Assas University, CFAF (certified European financial analyst).

**Ecofin** *The bridge connecting ecology and finance* 

Ecofin is a sustainable investment firm founded in 1991 with \$2.0 billion AUM.



Ecofin's objective is to deliver strong risk-adjusted returns as a specialist in global infrastructure and energy transition thematics.

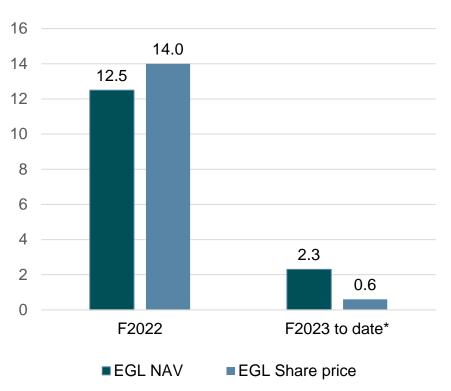
Ecofin combines expertise across public and private equities, private debt as well as social impact investing.

Our London investment team is highly experienced and composed of individuals who have worked together for an average of 10 years.

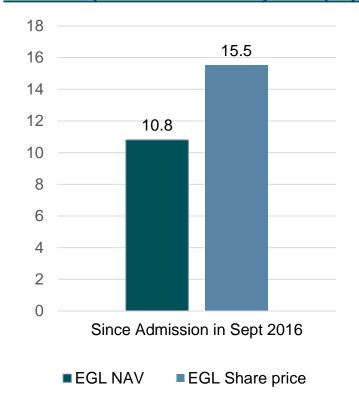


## NAV and share price performance (total returns)





#### From inception to 28 February 2023 (% p.a.)



#### **EGL** is growing:

- Block-listing facility permits issuances in response to daily demand
- Issuance since April 2020: 21.8mn new shares, or £44.7mn, at a premium to NAV



\* to 28 February 2023

## **Performance** (to 28 February 2023)

(all total returns in £)	1 M %	3 M %	6 M %	1 Y %	3 Y %	5 Y %	Since Admission* %	Since Admission* % per annum
EGL NAV	-2.9	-4.0	-6.6	6.4	35.4	95.4	93.5	10.8
EGL Share Price	0.2	3.5	-6.5	16.5	53.2	137.6	152.5	15.5
S&P Global Infrastructure Index	-1.8	-2.5	-4.8	9.8	19.8	41.8	42.5	5.7
MSCI World Utilities Index	-2.8	-5.5	-9.8	4.8	13.5	58.1	51.4	6.7
MSCI World Index	-0.5	-1.1	0.2	3.1	42.0	62.9	94.0	10.8
FTSE All-Share Index	1.5	4.6	8.7	7.2	29.0	29.0	43.6	5.8
FTSE ASX Utilities	0.8	3.5	2.8	1.9	29.0	78.8	33.7	4.6



<sup>&</sup>lt;sup>1</sup> Since admission to trading on the London Stock Exchange on 26 September, 2016

## **Strategy overview**

# An alternative income strategy featuring capital preservation and exposure to global growth Global Income Growth

Diversified across geographies, sub-sectors and investment themes

Balance North America/pan-Europe (EM capped at 10%)

Invested in securities with attractive yields and inflation protection

Portfolio yield c. 4%

Growth-oriented infrastructure businesses and utilities

DPS growth +5-7% p.a.

Target total return: 6-12% per annum

Achieved total return\*: 10.8% per annum

Investment universe: c. 400 companies; c. \$3.4 trillion market cap.

#### A mix of regulated and growth-oriented business segments:



#### **Electric & Gas Utilities:**

Generation, transmission & distribution of electricity, gas and liquid fuels and renewable energies



#### **Environmental Services:**

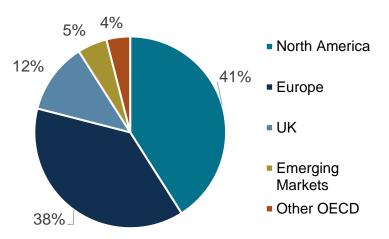
Water supply, wastewater, water treatment and waste management



#### Transportation Infrastructure:

Roads and airports

#### **Geographical allocation** (% of Portfolio)

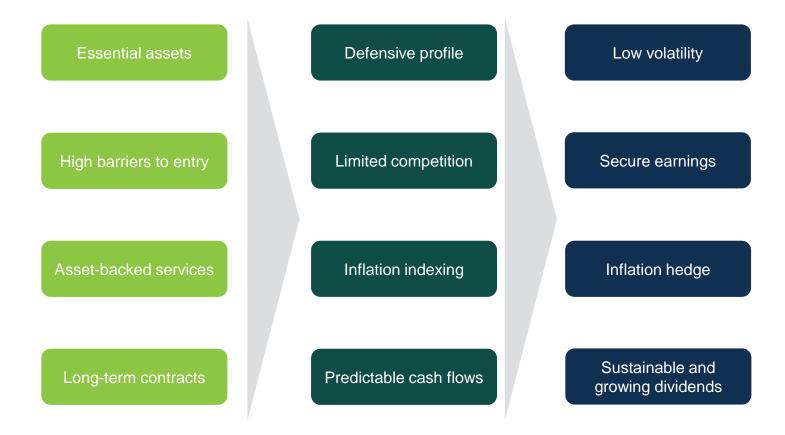


\*NAV total return since inception to 28 February, 2023; share price total return of 15.5% per annum.



### Characteristics of the investment universe

Economic infrastructure offers unique characteristics that make it an attractive asset class for investors





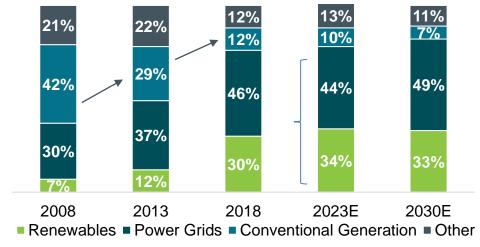
## The opportunity: de-risking of business models

Evolving business mixes drive value creation in the long run

Utilities are rapidly adapting business models to a world which increasingly prioritises decarbonisation...

**EBITDA** split by activity for European Utilities

C. 80% of European utilities'
 EBITDA is fully contracted today

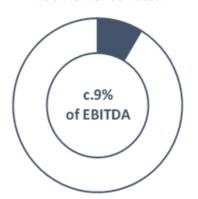


The energy transition is still at an early stage

While Europe's 10 largest Utilities derive nearly a third of EBITDA from renewables on average...



...for the top 10 US Utilities the same ratio is much lower at <10%.





UK power generation from **coal**: 48% in 2008 and less than 1%

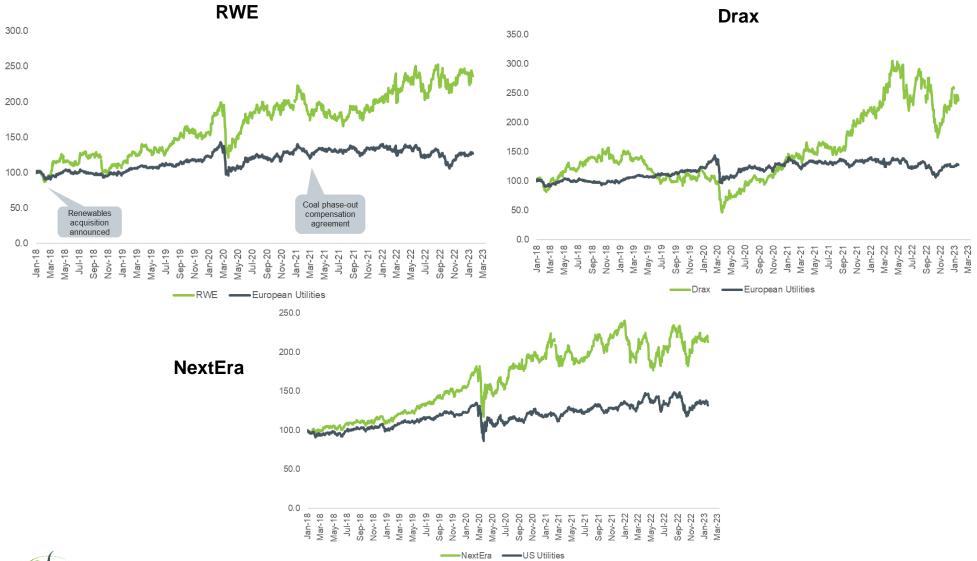
today (as of July 2021)

## The opportunity: enhanced returns & de-risking

Evolving business mixes drive value creation in the long run

...with shifts in capital allocation offering opportunities to unlock significant value.

Re-rating from deeply discounted valuations through transformational reorganisations of asset portfolios



## The opportunity: inflation hedge

Infrastructure as a source of inflation protection

As owners of **essential assets**, listed infrastructure companies provide a uniquely attractive risk profile in times of rising inflation, often combining inflation indexing with strong pricing power and cyclical exposure.

Navigating inflation: The case for listed infrastructure

Real assets such as listed infrastructure can offer valuable diversification and an upward skew to returns in periods of elevated inflation.

Their benefit to a diversified portfolio appears even greater in periods of stagflation.



#### Inflation indexing

Most of our portfolio companies benefit from regulated and/or contracted cash flows which are directly or indirectly indexed to inflation.

Examples: UK, Italy, Portugal, some US states (Illinois), some LatAm countries

### **Pricing power**

Even without inflation indexing, our companies typically benefit from strong pricing power as they operate essential infrastructure.

Examples: environmental services, toll roads, airport management

### **Cyclical tilts**

Power generators typically see their margins expand in periods of inflation due to positive exposure to commodity prices.

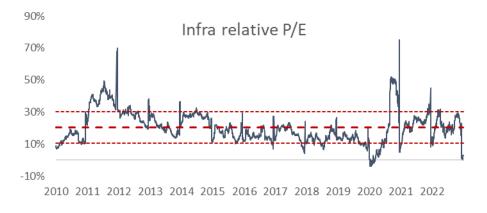
Examples: power generators



## The valuation gap

**Listed infrastructure valuations** relative to broad averages are in line with long term averages

#### Relative P/E: S&P Global Infrastructure Index vs MSCI ACWI



#### Listeds vs. Privates: The case for listed infrastructure

**Listed infrastructure** also offers a valuation buffer as it **continues to trade at a deep discount to private infrastructure**, despite offering similar long-term return characteristics. Record levels of private equity 'dry powder', which has been increasingly deployed into public markets, could help close this gap.

- Australian infrastructure:
  - Over the past 18 months, we have seen 3 takeover bids for listed infrastructure asset in Australia:
     Sydney Airport, power networks owners Spark Infrastructure and AusNet
  - IFM Global Infrastructure Fund increased its ownership of Atlas Arteria to 15% with the initial intent, countered since then, to take over the company
  - Origin Energy and AGL Energy (pending)
- Atlantia takeover by Benetton family and Blackstone





EDF nationalised

## Governments are joining forces to foster renewables growth, while context of high energy prices pushes for additional regulation in EU



RA represents unprecedented US commitment on climate, aiming to reduce carbon emissions by more than 40% by 2030

- Expansion and extension of PTCs and ITCs with 10+ years of full-value credits visibility adjusted for inflation, and including nuclear support
- New tax credits implemented for clean hydrogen and storage facilities



Investment in renewable power

+0.5m ~320-480 GW

Number of jobs created

Build in the US from 2023 to 2030

By 2035, 67% of power generation could come from carbon-free sources - 10% more than if there were no federal clean energy policy

Source: Wood Mackenzie 'US Inflation Reduction Act set to make climate history' 19 August 2022



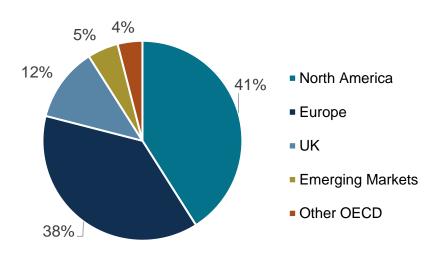
Scenarios of price stabilization and regulation from European governments; LT growth supported by RepowerEU

- Context of high energy prices increases political intervention risk in windfall taxes/price caps
- REPowerEU is centered on decarbonisation and energy security; measures to foster renewables growth being developed in member states
- By 2030, EU is targeting to reach a RES installed base of 1,236 GW. This implies: (i) a c.15% upgrade vs the recent Fit for 55 plan, (ii) a nearly 3.5x increase in the RES installed base vs 2021, and (iii) c.100 GW annual additions from now until the end of the decade, on average, including nuclear support
- **European IRA?**



## Portfolio characteristics (28 February 2023)

#### By geography (% of portfolio)



- Over-weight Europe vs North America
- Circa 9% in 'Rest-of-World'
- Confidence in 6-12% per annum total return (capital plus dividends) over the medium term; portfolio currently yields 4.0%
- F2022 dividend income growth was strong again; longterm dividend growth objective of 5-7% per annum for this strategy

10 Largest holdings	Country	% of portfolio
NextEra Energy	US	6.4
SSE	UK	4.3
RWE	Germany	4.0
Enel	Italy	3.9
ENAV	Italy	3.4
National Grid	UK	3.3
EDP	Portugal	3.3
Veolia	France	3.1
DTE Energy	US	3.1
Drax	UK	3.0
Total		37.9%

Sub-sectors	% of portfolio
Regulated utilities	27
Integrated utilities	36
Transportation infrastructure services	12
Renewables & nuclear	25



## **Summary**

- Ecofin has a long and successful track record of investing in global sustainable listed infrastructure.
- We seek to identify superior risk/reward opportunities as specialists, with a unique focus on identifying utilities in transition.
- We approach our investments with a total return mindset, striking a balance between structural growth and income.
- We rely on **positive selection** for our **ESG implementation**, investing in companies with the most **attractive direction of travel** and trying to avoid those with the most significant risks.



2022 Investment Company of the Year (Finalist)



2021 Investment Company of the Year (WINNER)



2021
Best Specialist
Equities Trust
(Runner-up)



2021
Best ESG Investment Fund:
Infrastructure
(Runner-up)



2020 Investment Company of the Year (Finalist)



2020
Best Specialist
Infrastructure and
Utilities Fund
(Finalist)



Jean-Hugues de Lamaze (2018)
Top 10 Buy-side Individual - All Sectors
Top 3 Buy-side Individual - Utilities

Ecofin (2018)
Top 3 Buy-side Firm - Utilities



# **Appendices**



## **Key performance indicators**

KPIs	As at or year to 30 September 2022	As at or year to 30 September 2021	As at or year to 30 September 2020	As at or year to 30 September 2019	As at or year to 30 September 2018
Change in:					
NAV <sup>1</sup> Share price <sup>1</sup>	12.5% 14.0%	22.9% 28.9%	-2.6% 5.6%	27.4% 32.3%	4.8% 1.1%
Premium/(Discount) to NAV at year-end	4.7%	1.5%	(3.3%)	(10.7)%	(13.6)%
Average premium/(discount) to NAV during the year	(1.1)%	(1.3)%	(2.6)%	(12.3)%	(11.3)%
Revenue return per share	6.42p	5.98p	4.97p	5.48p	4.82p
Dividends paid per share	7.20p	6.60p	6.55p	6.40p	6.40p
Dividend cover <sup>2</sup>	89.2%	90.6%	75.9%	85.6%	75.3%
Ongoing charges ratio	1.35%	1.43%	1.48%	1.68%	1.99%

<sup>1.</sup> Total return, assuming reinvestment of dividends

<sup>2.</sup> Proportion of dividends paid to shareholders which is covered by net revenues



## **Carbon performance**

#### **Emissions performance of EGL's portfolio**

(by Ecofin Advisors Limited with CarbonAnalytics)

- Electricity generators in EGL's portfolio generally have CO<sub>2</sub> emissions which are significantly below the average emissions of their relevant electricity grid and the companies sitting in the global utilities index
- We do not set firm ex-ante limits on fossil fuel exposure and invest in companies in transition to better growth and ESG profiles (rather than permitting only 'clean' stocks). Nevertheless, at a portfolio level our approach delivers an emissions profile which is well within the spectrum of typical impact funds
- At the end of December, EGL's electricity generators' emissions were 28% less than the MSCI World Utilities Index per \$mn invested

31 December, 2022	Share of electricity generation from coal	Share of electricity generation from renewables <sup>1</sup>	CO <sub>2</sub> emissions compared to relevant grid <sup>2</sup>	tCO <sub>2</sub> per \$mn invested
EGL	11.8%	28%	-12%	509
MSCI World Utilities Index	17.0%	21%	-2%	704

-28%

<sup>2.</sup> Computation of CO<sub>2</sub> emissions of the grid in which the companies operate



<sup>1.</sup> Renewables = Wind, Solar, Hydro, Biomass

#### Investment team

#### STRATEGY INVESTMENTTEAM



Jean-Hugues de Lamaze

Managing Director, Senior Portfolio Manager

31 years experience Joined Ecofin 2008

Co-founder and CIO of UV Capital LLP

- Previously with Goldman Sachs and Credit Suisse First Boston
- Institut Superieur de Gestion; Paris II-Assas University, LLB; INSEAD International Executive Programme
- · CFAF certified financial analyst
- · Country of origin: France



**Mathieu Pidoux** 

Investment Analyst

4 years of investment experience Joined Ecofin 2022

- Previously with Goldman Sachs, McKinsey & Co.
- London School of Economics and Political Sciences, MSc: University of St. Gallen, BA
- Country of origin: Switzerland

Michel Sznajer, CFA
Portfolio Manager and Director

27 years experience

Joined Ecofin 2016

Bain & Company

 Languages spoken fluently: French, English, German

#### LISTED EQUITIES INVESTMENTTEAM



**Matthew Breidert** 

Senior Portfolio Manager and Managing Director 27 years experience Joined Ecofin 2006

- Previously with Millennium Partners, SGBarr Devlin and Cornerstone Energy Advisors
- University of Illinois-Urbana Champaign, BS Ecology; Washington University, MBA
- · Country of origin: USA



Max Slee

Portfolio Manager and Director 15 years experience
Joined Ecofin 2009

- Previously a member of the clean energy team of the Clinton Foundation and Lazard Corporate Finance
- · Brown University, BA
- · Country of origin: United Kingdom



Ethan Zhang, CFA

Brussels University, MSc

· Country of origin: Belgium

Investment Analyst 7 years experience Joined Ecofin 2019

- · Previously an analyst at Berenberg and PwC
- Imperial College, BSc; University of Oxford Business School, MSc

· Previously with Silvaris Capital Management,

Wellington Management, Goldman Sachs and

· Country of origin: China



**Anny Giavelli** 

Sustainable Investment Strategist

8 years experience

Joined Ecofin August 2021

- Diverse working experience in wealth management, capital markets and NGOs
- Bocconi University, Milan (M.Sc.)
- Country of origin: Italy
- Languages spoken fluently: English, Chinese Mandarin, Chinese Cantonese, Italian



Elspeth Dick, CFA

Director, Product Specialist & Investor Relations 29 years experience

Joined Ecofin 2011

- Previously with Mercury Asset Management, Toronto Dominion Bank,
- S.G. Warburg
- McGill University, B. Comm.
- Country of origin: Canada

#### RISK



Gilles Schlutig, CFA

Head of risk – Listed Ecofin strategies

18 years experience Joined Ecofin 2014

- Previously equity derivatives trader at various US banks and quantitative portfolio manager at IKOS
- Ecole Centrale Paris, MSc
- · Country of origin: France



#### **Carlos Santana Rubino**

Risk analyst – Listed Ecofin strategies

4 years experience Joined Ecofin 2022

- Previously with Santander CIB Market Risk
- Granada University, BA (Hons); Northumbria University, BA (Hons); Afi Finance School (Portfolio Management Specialist certification)
- · Country of origin: Spain

#### TRADING



Michael Vollant

Head of international trading

21 years experience Joined Ecofin 2000

- LLB, Universite Pantheon Assas, Paris; Institut Superieur de Gestion, international business degree
- · Country of origin: France



## **Contact details**



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