

INVESTMENTS WITH PURPOSE FOR PROFIT BY PEOPLE FROM TRIPLE POINT

# **Triple Point Energy Transition Plc ("TENT")**

Jonathan Hick Fund Manager



# AGENDA

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Triple Point and TENT Background	3
Investment Strategy	5
Distributed Generation	8
Storage	9
Onsite Generation	10
Portfolio	13
Summary	18



### JONATHAN HICK Fund Manager

Supported at Triple Point by an experienced Energy team:



**11** Team members



>**\$10bn** Asset and investment experience



# BACKGROUND TO TRIPLE POINT





**17 years** of impact investing

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# Delivering long-term profits to investors

	SOCIAL HOUSING	ENERGY	DIGITAL INFRASTRUCTURE	PRIVATE CREDIT	VENTURE
	We're helping to address the housing shortage	We're helping to reduce our carbon emissions	We're bringing people closer by investing in the backbone of the internet	We're helping to relieve funding pressures in the public and private sectors	We're giving new businesses the money and support they need to grow
¥ £3.0bn	<b>Over 3,450</b> Homes provided for over vulnerable people	Saving 827,454 tonnes of CO2 over the next 15 years	<b>UN SDG 9</b> Aligned to the UN Sustainable Development Goal 9	Over 100,000 SMEs Funded	<b>£41m raised</b> into Venture investments
Assets under management		Chosen to be the Heat Networks delivery partner by the department for Business Energy & Industrial Strategy		Accredited by the British Business Bank as a provider of Coronavirus Business Interruption Loans	Launched the KickStart fund in partnership with The London Evening Standard
	Triple Point SOCIAL HOUSING REIT PLC	Triple Point HEAT NETWORKS INVESTMENT MANAGEMENT	D/9 DIGITAL INFRASTRUCTURE	British Business Bank CBILS	SPIRITO LONDON KICKStartFUND Function by High From



### THE OPPORTUNITY

Society and government policy mandate the transition of the energy system to Net Zero

> The UK government expects to decarbonize the UK power system by 2035

whilst delivering a rapid growth in the energy available.

Demand for electricity is set to increase to **599TWh by 2060**<sup>1</sup> This requires more renewable energy

Renewable generation will need more than **triple** its existing capacity in the UK alone<sup>2</sup> available when required

Enough energy was curtailed from wind alone in 2021 to power 1 million homes for a year. and better energy efficiency

At least **54%** of the energy produced in the country is lost before reaching the consumer<sup>3</sup>

Energy is the lifeblood of our economy and modern society.

It is the key driver of prosperity, providing light and warmth for billions of people globally, and enabling innovations and new industries that are the engines of economic progress.

TENT exists to deliver a more efficient, lower carbon energy system that helps transition to a Net Zero world.



# **A HOLISTIC APPROACH**



### DISTRIBUTED ENERGY GENERATION

Lower carbon, decentralised energy generation is typically more efficient than centralised fossil fuel generation. We take a holistic approach and make investments across the spectrum of the UK energy system which enable the transition to Net Zero : from generation to consumption.

### 2 ENERGY STORAGE AND DISTRIBUTION

Better aligning the supply and demand for energy and providing frequency response to deliver a more resilient and efficient energy system. **ONSITE ENERGY GENERATION AND EFFICIENT CONSUMPTION** 

Reducing demands placed on the energy system, either through generating energy on site or through demand reduction measures.





# **INVESTMENT HIGHLIGHTS**

#### **DEPLOYMENT** DIVERSIFICATION GROWTH 17 individual assets **Power price and inflation Fully committed IPO** upside potential **8** offtaker counterparties proceeds (£100m) **Underlying investment NAV 4 different technologies** and majority of RCF growth of £4.1m in FY22, 3 distinct market segments portfolio performing ahead (£40m) **Debt and Equity investments**

**ENERGY** STORAGE

### INFLATION PROTECTION

c.50% of fund income contractually linked to RPI

### **DIVIDEND COVER**

Z ENERGY STORAGE

Full year of income from the existing portfolio

of budget

### PIPELINE

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Z ENERGY STORAGE

Near time pipeline £325m

Wider term pipeline £399M

9 different technologies including CHP, storage, EV, EfW, LED, rooftop solar,

Debt and equity opportunities

# **IPO in October 2020**

**RCF in March 2022** 

**Targeting 8% returns** 

Dividend of 5.5p

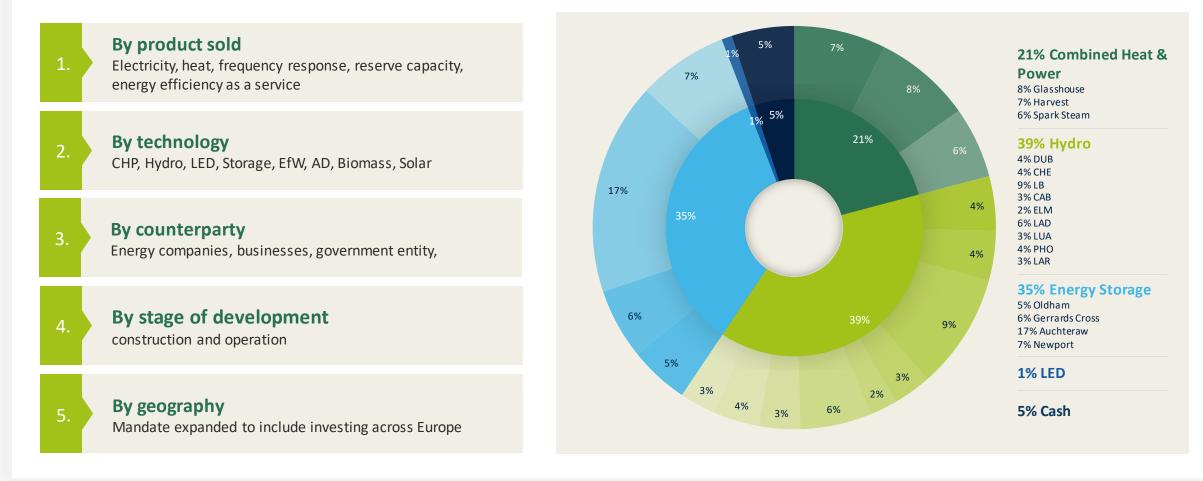
### **Portfolio includes:**

- Combined Heat & ٠ Power
- LED Lighting
- Hydro •
- **Battery Energy** Storage Systems



### DIVERSIFICATION

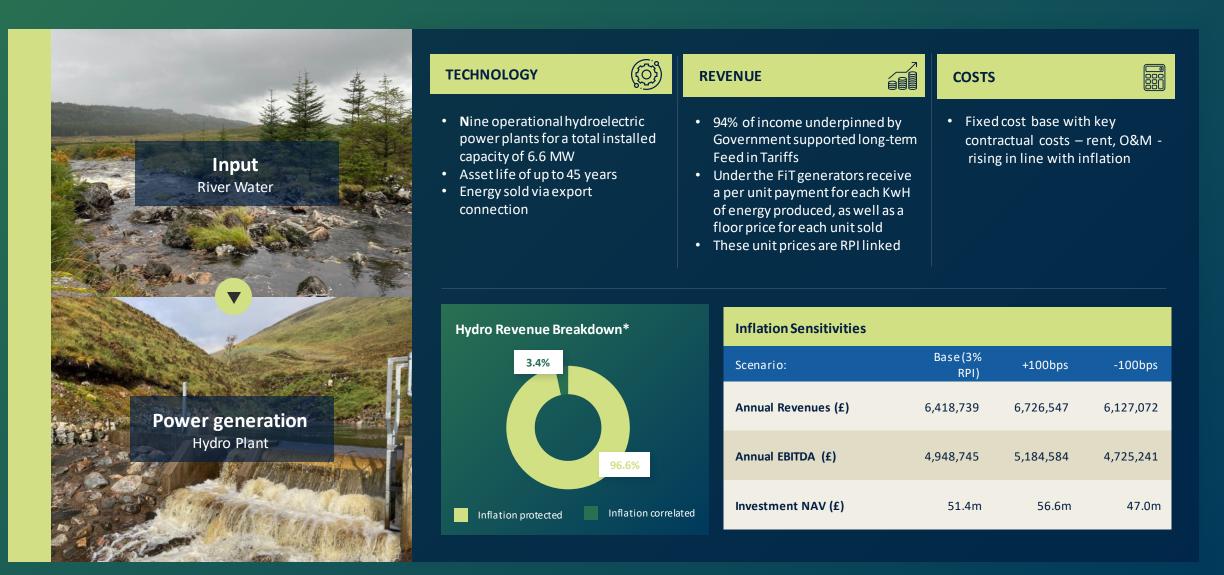
### DIVERSIFICATION



### **Committed Portfolio Breakdown**

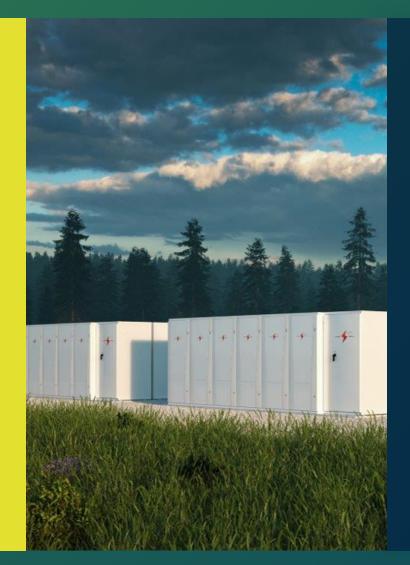


### DISTRIBUTED GENERATION – HYDRO PORTFOLIO





## ENERGY STORAGE – BATTERY ENERGY STORAGE PORTFOLIO



#### TECHNOLOGY

- Tier one supplier for the Battery Energy Storage System (Trina) and leading UK based Balance of Plant contractor.
- Lithium ion chemistry is longstanding, proven technology

#### COSTS

- Largely fixed cost base
- Variable component is linked to revenue

#### Revenue breakdown





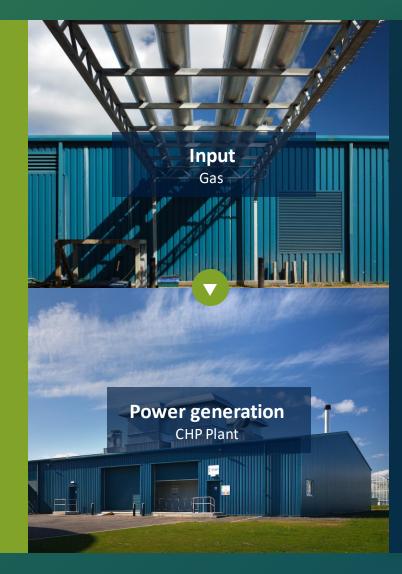
#### REVENUE

- Ancillary services- frequency response and grid balancing servicing such as Dynamic Containment
- Wholesale trading-trading in established energy markets such as the intraday market
- Capacity Market providing reserve power at times of high demand





### ONSITE GENERATION AND CONSUMPTION – CHP PORTFOLIO – SPARK STREAM



#### **TECHNOLOGY**

 State-of-the-art Jenbacher gas engines and heat/carbon dioxide recovery and distribution, located in Teesside, and comprising 3.3MW of power generation facilities

#### **COSTS**

- Gas costs Electricity and gas prices typically move in line as a function of the spark spread
- Fixed costs Other costs are largely fixed e.g. rent, O&M

#### Revenue breakdown over remaining loan life



ESTIMATED GROWER ANNUAL SAVING ACROSS CHP ASSETS :



#### Energy Supply Agreement ("ESA") to supply heat and power to the UK's leading tomato grower -> Per unit rate uplifted annually by RPI

REVENUE

- Power Purchase Agreement ("PPA") with large food manufacturer -> Per unit uplifted annually by RPI
- Remaining electricity sold via wholesale markets -> Achieving higher energy prices as energy drives inflation across the economy



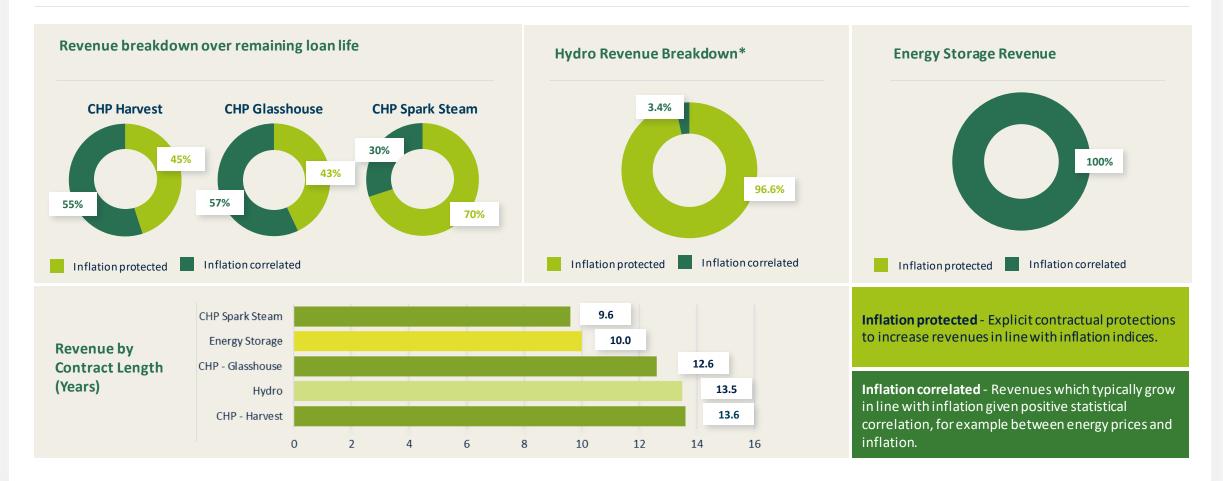


# PORTFOLIO DIVERSIFICATION



### PORTFOLIO

### Investee company contract terms and inflation protection



\*Revenue timeline over FiT period, excluding periods where PPAs have been entered into. The Inflation Protected revenue is made up of the FiT Generation Tariff, and the FiT Export Tariff if the Export Tariff were to be chosen instead of a higher PPA opportunity in the period. Revenue by contract length for hydro relates to FiT contract period



	Single Asset Fund	TENT	
Product	Sale of electricity - income drive entirely by electricity price	Income from a range of products: Heat Electricity Capacity Frequency response Equipment finance	In a highly regulated sector, diversifying income steams across multiple products reduces risk whilst offering potential for
Technology	Single Technology	Four different technologies: Hydro BESS CHP LED	higher returns Offering investors exposure to less common technologies



Risk	POTENTIAL IMPACT	POTENTIAL IMPACT PURE PLAY RES OR BESS YIELD CO	POTENTIAL IMPACT TENT
Review of Energy Market Arrangements ("REMA")	A likely outcome of REMA is a form of geographic based pricing- based on regions or nodes. Initial analysis by power market experts indicate this could reduce annual operating profits by up to 25% reduction in some regions Decoupling the gas price from renewables income is also something that REMA is considering, potentially lowering returns to renewables generation	<b>High</b> - c. 15% in NAV <sup>1</sup>	<b>Low</b> - up to 6% NAV
Price Cap	The Energy Prices Bill contains a measure to cap revenues generated from renewable generation. The European cap has been set at c.£155Mwh.	<b>Medium</b> up to 6% NAV <sup>2</sup>	<b>Low</b> - up to 0.5% NAV
Yield Compression	Some asset classes eg UK solar, no longer relevant for investors targeting high single digit returns	Reduction in pipeline	Focus on more where risk and return characteristics are attractive

1. Aurora Summary of REMA and implications of zonal pricing in GB-Assumes 15%-39% reduction in average gross energy trading margins in the 2040s

2. Middle point between GCP Infrastructure Investments Ltd sensitivities on Sept-22 NAV



# SCENARIO

	Next 10-year inflation +/- 50bps	Next 10-year inflation +/- 100bps	Next 10-year Power Forecast +/- 50%	
NAV Impact	+2%/-2%	+3%/-3%	+4%/-3%	
Div Cover Impact	+2%/-2%	+4%/-3%	+7%/-6%	



# OUTLOOK



## PIPELINE

### What:

- Technology agnostic
- Multiple revenue streams
- Revenue visibility and inflation protections
- Strong downside mitigations

### How:

- Partnership strategy and alignment of incentives
- Majority bilateral pipeline
- Investment structure flexibility

Near Term	£'m	%	Exclusive (£m)
Distributed Energy Generation Includes: Hydro, solar, biomass, anaerobic digestion	70	10%	-
Efficient Storage Includes: Battery energy storage systems, pumped hydro, thermal storage	443	61%	70
Onsite Generation/Demand Reduction Includes: Rooftop solar, onsite CHP, heat networks,	211	29%	-
Total	724	100%	70



Sustainability	<ul> <li>Reducing bills for consumers,</li> <li>Reducing energy loss across the system,</li> <li>Increasing supply of lower carbon energy as part of the transition to Net Zero.</li> </ul>
Risk	<ul> <li>Mitigated by diversification in:</li> <li>Technology</li> <li>Stage of development and</li> <li>Product,</li> <li>Geography</li> <li>Counterparty,</li> </ul>
Return	<ul> <li>Range of returns from diversified business model and technologies provides opportunities for NAV growth.</li> <li>Able to target areas with limited yield compression.</li> </ul>



# APPENDIX

# THE BOARD

# Independent, diverse board with deep industry and finance credentials



Dr. John Roberts CBE Chair

- Dr. John Roberts has significant experience in the energy and utilities sectors with a 40-year executive career including senior roles at Manweb plc, Hyder plc and culminating with his role as Chief Executive of United Utilities plc (a long-term constituent of the FTSE 100) from which he retired in 2006. John is a keen advocate for the environment and, amongst other roles, was a member of the Royal Commission on Environmental Pollution, Ofgem's Environmental Advisory Panel and the Renewables Advisory Board, he was also previously Chairman of the North West Energy Council.
- A qualified engineer and Chartered Certified Accountant, John was made a Doctor of Engineering by the University of Liverpool and an Honorary Fellow of Liverpool John Moores University.
- He was awarded a CBE in 2004 for his services to the utilities industry.

Rosemary Boot Non-Executive Senior Independent Director, Audit Committee Chair

Rosemary Boot has an investment banking background with 16 years at UBS Warburg, following which she was appointed Group Finance Director of The Carbon Trust, a position she held for over 10 years. Rosemary then held senior executive positions including at Circle Housing and, finally, was Chief Financial Officer of Future Cities Catapult, stepping down in 2016. Rosemary's knowledge of the wider low carbon technology sector has been built up over 20 years with other current roles including trustee of the Green Alliance Trust, director and steering group member of Chapter Zero Limited. She is also a Non Executive Director of a number of listed and unlisted companies.

groundSonia McCorquodale has a background in the renewable<br/>energy sector with an executive career with a range of<br/>companies spanning start up, operational, PFI managed<br/>and an A-rated utility group. In her current role asTrust, a<br/>enheldcompanies spanning start up, operational, PFI managed<br/>and an A-rated utility group. In her current role asTrading and Optimisation Director for Draxshe managesCitiesteams optimising hydro, run of river, biomass and<br/>trading global commodities. Prior to this, she wasManaging Director for the Commercial division of Welsh<br/>Water Limited and prior to that she was Head ofSteeringCommercial Projects for AIM listed renewable energy<br/>company, Good Energy Limited. Over the past 20 years,<br/>Sonia has sat on numerous steering committees and<br/>trade bodies including, more recently, the CBI Heat<br/>Policy Group and Entrepreneurial Women in Renewable<br/>Energy (EWIRE).





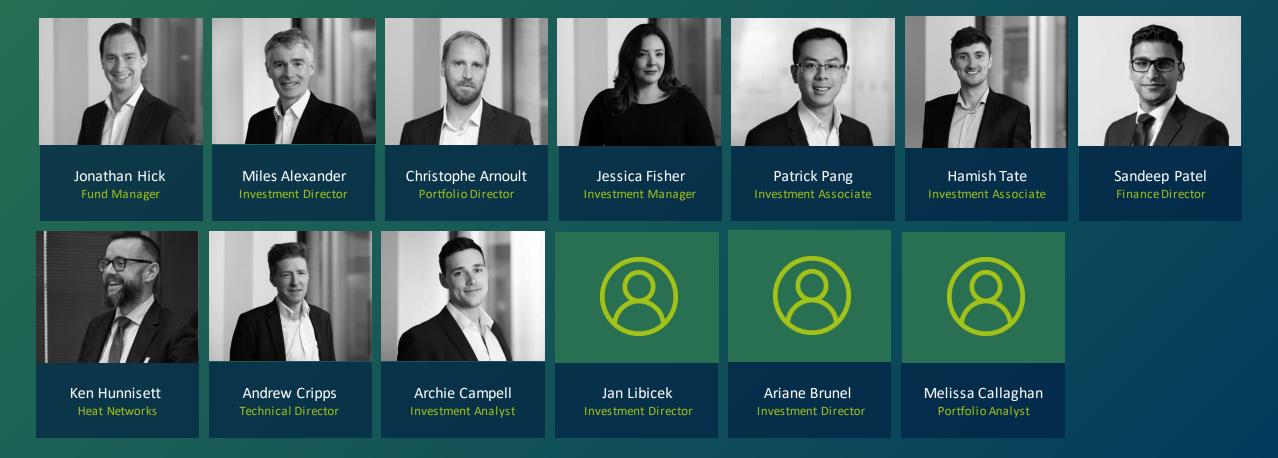
Dr. Anthony White мве Non-Executive Director

- Dr Anthony White has over 35 years' experience in international power markets and the low carbon economy from capital markets, analytical and industry strategy roles. His key executive responsibilities included establishing the Uplift Management Incentive Scheme at National Grid, where he became Group Head of Strategy in the 1990s, and being lead a nalyst for Citigroup's top ranked pan-European power team. More recently, Anthony was a Managing Director of Climate Change Capital, a specialist low carbon advisory and asset management business, and still consults on developments in the low carbon economy through his company, BW Energy Limited. Anthony has participated in numerous government advisory bodies on UK energy and power 103 market policy including the Energy Advisory Panel, Commission on Environmental Markets and Economic Reform. Energy Networks Strategy Group and the House of Commons Select Committee on Energy & Climate Change.
- Anthony was appointed a MBE in 2004 for services to UK energy policy



### THE INVESTMENT MANAGER

# Multi-disciplined management team with a wealth of in-house expertise





lssuer	Triple Point Energy Transition plc	Overview	<ul> <li>Generating a total return comprising sustainable and growing income and capital growth</li> <li>Achieved through investing in a diversified portfolio of projects or assets that have a positive environmental impact</li> <li>Facilitating the transition to a net carbon zero or net carbon positive state in a ccordance with the UK's target to reduce greenhouse gas emissions to net zero by 2050</li> </ul>
Domicile	United Kingdom	Overview	
Structure	Investment trust		
Listing	Specialist Fund Segment of the London Stock Exchange's Main Market	Target dividend yield	5.5 pence per share per annum
		Target total return	7 – 8% target return
Green Economy Mark	The Company was a warded the London Stock Exchange Green Economy Mark	Valuation	The valuation is driven by the fair value of the Company's investments in Energy Efficiency Projects calculated in accordance with IPEV (International Private Equity and Venture Capital) valuation guidelines where appropriate to comply with IAS 39, being a Discounted Cash Flow based valuation methodology
Issue price/starting NAV	100p / 98p		
Manager	Triple Point Investment Management LLP (the "Manager"), a uthorised by the UK Financial Conduct Authority	Discount/Premium control	14.99% to be a vailable for s hare buy-backs If the s hares trade at an avg. discount >10% to NAV over any six-month period, any uninvested cash, or cash in excess of scheduled dividend payments to be used for
	Tiered Management Fee: 0.9% of NAV (0.8% above NAV of £650m). No fee charged on uninvested funds from IPO until net proceeds are at least 75% deployed		s hare buy backs
Management Fee		Financial advisers	AkurLimited
	20% of fee to be taken in shares subject to minimum 12-month lock-up	Corporate Broker	JP Morgan Cazenove
Gearing	Target leverage of 40% over the medium term (capped at 45%)	Governance	An independent Board of Directors; compliance with the AIC Corporate Governance Code



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