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## ANNUAL INVESTOR MEETING 2025

## Agenda

13:10-13:30 **Energy Market update** Jakob Baruël Poulsen, Christina Grumstrup Sørensen 13:30-13:45 **CIP State of the Union** Mads Skovgaard-Andersen, Martin Neubert 13:45-14:15 **Opportunities from accelerating energy demand in advanced economies** Mads Skovgaard-Andersen, Tim Evans 14.15-15.00 Break: Exhibition rooms and mingling Panel: Boosting European competitiveness through energy sector investments 15:00-15:40 Lars Gert Lose (Moderator), Christian Skakkebæk, Astrid Bergmål, Kerry McCarthy, Kaspars Melnis 15:40-16:00 Role of credit in financing energy infrastructure buildout Nicholas Blach Petersen, Reiner Boehning 16.00-16.45 Break: Exhibition rooms and mingling 16:45-17:50 Enabling energy transition in high growth markets Albert Cheung, Niels Holst, Ole Kjems Sørensen 18.00-19.00 Drinks and exhibition rooms 19.00-21.00 Dinner

## CIP speakers for today (1/2)



Jakob B. Poulsen Managing Partner



**Christina G. Sørensen** Senior Partner



Mads S. Andersen CIO, Head of Flagship Fund



Martin Neubert COO



Tim Evans

Regional Lead, Flagship Fund

## CIP speakers for today (2/2)



Christian Skakkebæk Senior Partner



Nicholas B. Petersen Co-head of Green Credit Fund



## Ole K. Sørensen

Co-head of Growth Markets Fund



## Lars G. Lose

Former <sup>1</sup> Partner and Head of Global Public Affairs, Communications and Marketing



Reiner Boehning Partner, Green Credit Fund



## **Niels Holst**

Co-head of Growth Markets Fund

## **External speakers for today**

#### Ministers and state secretaries participating in panel discussion



## Astrid Bergmål

State Secretary in the Ministry of Petroleum and Energy, Norway



Kerry McCarthy Minister for

Climate, United Kingdom



Kaspars Melnis

Minister for Climate and Energy, Latvia

## Keynote speaker



Albert Cheung

Deputy CEO & Head of Global Transition Analysis

BloombergNEF

## Meet our funds in the exhibition rooms



# Emergency exits





# Energy Market Update

Jakob Baruël Poulsen, Managing Partner Christina Grumstrup Sørensen, Senior Partner

## Many great achievements in 2024 with strong opportunities ahead

## Key milestones reached the last 12 months



## CI V exceeds target size of EUR 12bn

as the largest greenfield energy infra fund and on track to exceed target returns



## **CI GMF II secures USD 1bn**

on track towards target of USD 3bn and 3 FIDs already with attractive financials



#### **CI GCF I has closed 7 investments**

with significant excess risk premium and on track to fully commit the fund in 2025 **Strong drivers for energy infrastructure** 

Increasing importance of energy infrastructure in current volatile and uncertain geopolitical and macroeconomic environment

Power demand is accelerating due to electrification and digitisation with renewables as cheapest and fastest option

CIP is well-positioned to capture energy market growth leveraging scalable platform and a market-leading pipeline of 150GW

## Energy is the largest infrastructure sector with attractive characteristics

#### Global infrastructure spend by energy and non-energy, USD trillion<sup>1</sup>



Energy now accounts for 50% of total infrastructure spend and by far the largest sector

**Energy infrastructure** is generally more **resilient to market volatility** than other sectors (e.g. airports, toll roads, ports)

## Large and increasing investments required for the energy transition



## Electrification and digitization are accelerating power demand globally

#### Accelerating power demand...

Electricity consumption in selected countries, indexed 2024 = 100<sup>1</sup>



#### ...driven by key trends



#### **Digital infrastructure**

Rapid growth in data centres fuelled by AI, machine learning and cryptocurrency mining



#### **Transport**

Roll-out of EVs, which is reaching cost parity with conventional cars, is the main driver of transport electrification



## **Buildings**

Increasing demand for cooling (air conditioners) and accelerated deployment of heat pumps



## Economic / demographic growth

Growing population and rapidly expanding middle-class in Global South countries

## Increasing political focus towards energy security

#### Countries with high energy imports are increasing investments to gain higher energy security (Examples) Net energy exports<sup>1</sup> (% of domestic energy production) Net energy imports<sup>2</sup> (% of total energy supply) Domestic energy supply Net energy exporters Net energy importers **US and Russia Global South Developed APAC** Europe 43% 87% 85% 70% 64% 47% 36% 8% US Germany France Chile S. Korea Russia India Japan ۲ **US focus** to push Renewables in India are growing Korea is investing heavily Germany votes for through more LNG historic boost to rapidly to reduce reliance on to diversify its energy export projects defence & infra spending energy imports and reduce cost sources

# Renewables continue to be the cheapest and fastest source of new power

#### Renewables made up ~90% of all capacity added in 2024

#### **Global electricity capacity additions**, GW<sup>1</sup>



#### **Strong fundamentals**

#### Cheapest source of new power

Onshore wind and solar is ~50-60% cheaper than fossils (gas and coal) and 70% cheaper than nuclear<sup>4</sup>

#### Fastest route to market

Solar and wind projects are significantly faster to build compared to gas and coal (twice as fast) and nuclear (3-5 times faster)<sup>5</sup>

#### **Abundant local resources**

Majority of countries have good access to solar and/or wind resources which can increase their control of power supply

Notes: 1) Capacity additions do not include capacity retirements, based on BNEF Capacity Data Viewer 2024; 2) Renewables include bioenergy, hydro, geothermal, solar and wind; 3) Non-renewables include coal, gas, oil, nuclear; 4) Based on LCOE (levelized cost of electricity). Average of low and high range for each technology. BNEF 2025 LCOE Data Viewer for wind and solar; BNEF LCOE Update 2025 for Nuclear LCOE; 5) IEA Energy Technology Perspectives 2023;

## **Global South: 2x renewables capacity compared to advanced economies**



Notes: 1) BloombergNEF (2024) capacity data viewer. Economic Transition Scenario (ETS); 2) Includes MENA, Sub-Saharan Africa, Turkey, Brazil, Chile, Mexico, other Latin American countries (e.g. Argentina, Belize, Bolivia, Costa Rica, Ecuador, Peru), India, Indonesia, Malaysia, Philippines, Thailand, Vietnam, South Africa, Poland, rest of Europe; 3) Advanced economies include Australia, Canada, France, Germany, Iberia, Italy, Japan, North Europe, South Korea, UK, US; 4) Based on OECD Dataset: Economic outlook No 109 – October 2021; 5) BloombergNEF H2 2024 LCOE (proxy for GMF markets used, e.g., India, Mexico, Philippines).

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## EU: Electrification will reduce Europe's energy dependence



Important Information: The model-based insights presented are based on historical data and current market trends and are intended for informational purposes only. They should not be construed as financial advice or a guarantee of future market performance. The inclusion of any third-party firm and/or company names, brands and/or logos does not imply any affiliation with these firms or companies. None of these firms or companies have endorsed CIP, a Fund or any associated entities or personnel. Notes: 1) Includes offshore wind, onshore wind, solar and hydro; 2) Includes nuclear, batteries and other; 3) Based on ~177 GW renewable capacity (wind, solar, hydro) in Germany in 2024, BNEF New Energy Outlook 2024; Sources: CIP analysis in collaboration with partners: Oxford Economic, EA (EnergiAnalyse), Energinet, Stiesdal; ENTSO-E TYNDP-2024 Distributed Energy scenario, IEA World Energy Outlook 2024.

## US: Solar and wind are the most efficient technologies to meet demand

Besides being the cheapest,



Increasing investment in renewables

during different administrations

renewables are the fastest to market Lead time of selected technologies<sup>2</sup>, years Development (incl. Permitting) Construction Solar and 2-4 wind years 6-9 Gas and Coal vears 9-14 Nuclear years

## Strong fundamentals creating need for new energy infrastructure



Accelerated demand from hyperscalers for data centres and Al



Regulatory shift towards onshoring manufacturing to boost economy and employment



States determine their own mandates to build renewables upon adding new power capacity

## **Geopolitical tensions challenge macroeconomic stability**

#### Global geopolitical tensions...

At last year's **Annual Investor Meeting,** we discussed the 'changing world order' and potential implications, which we are now starting to see unfold

#### The world is changing, creating new complexities





Interdependent and rules-based multilateralism



#### ...have led to a potential trade war...

**Tariffs** on numerous countries with baseline tariff of 10% and higher for specific countries, **34% for China** and **20% for EU** 

#### ...which is causing market turmoil



## Market uncertainty

with highly volatile and tumbling equity markets and increasing fears of recession in global economy

Several retaliatory measures incl. 34% tariff on US + tightened control on rare earth elements crucial for various high-tech industries

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EU plans to retaliate against US, but **prefers a resolution through negotiations** 



#### Inflationary pressure

as retaliatory tariffs and supply chain disruptions lead to higher costs for companies and consumers

## **CIP's projects have an attractive cash flow profile**

## Simplified cash flow profile for a greenfield renewable infrastructure project and key characteristics Illustrative based on US onshore wind example Contracted revenue Merchant revenue Inflation 4% Increasing **Downside protection from contracted PPA** cash flows backed by real assets prices due to inflation Inflation 2% Upside potential from inflation Year 1 Year 15 Year 20 Year 35 Increasing PPA length due to demand

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## CIP funds and projects generally resilient towards US tariffs

High-level im	pact assessment across	CIP funds and projects	CIP tariff risk asses	sment: Limited Moderate High
Stage	Global South	Europe	Developed APAC	North America
Operation				Limited risk as projects are fully de- risked in relation to procurement
Construction	Limited direct r Potential second (e.g.	<ul> <li>isk in projects outside of US a neither buy or sell to the US</li> <li>order effects are being moni contractors / suppliers being e</li> </ul>	as projects generally S tored carefully by CIP exposed)	Moderate risk with contractual protection to tariffs on key parts (counterparty risk)
Development				Limited risk as low DEVEX spend, and key contracts have not been signed and in our control

## Energy infrastructure provides portfolio robustness and diversification

#### Infrastructure is typically more robust than other asset classes in periods of macroeconomic uncertainty

Returns across asset classes in 2022 *ILLUSTRATIVE* during economic slowdown and high inflation<sup>1</sup>



## Within infrastructure, energy is generally more resilient than other sectors due to attractive characteristics



#### **Critical for society**

providing essential services that are required independent of macroeconomic cycles



#### Lower correlation to GDP

compared to many other infra sectors which fluctuate more based on consumer sentiment



## Higher productivity gains

as CAPEX is continuously declining from rapid technological advancements compared to other sectors



#### **Downside protection**

often through long term contracted cash flows backed by real assets

#### Inflation exposure

from a merchant tail, as energy prices typically make up a substantial part of overall inflation

Important Information: Your investment decision must take into account all of the characteristics, objectives, and risks of the Fund as specified in Key Investment Risks and the Memorandum Notes: 1) Equities – MSCI World, Bonds - Bloomberg Global-Aggregate Total Return, Infrastructure – S&P Global Infrastructure, Real Estate – S&P Global REIT, Private Equity (Public) – S&P Listed Private Equity Index;

## CIP's scale creates optionality to select most viable projects & markets



Important information: There can be no assurance that potential investments will ever be consummated, or if consummated, that such investments will be executed on terms similar to those described herein. Notes: 1) Others include BESS, Power-to-X, advanced bioenergy, thermal, transmission projects

## CIP's industrial value creation approach has low correlation to market



Important information: There can be no guarantee that the Fund or its underlying investments will meet their performance objectives. Notes: 1) The term "de-risking" or "mitigated risk" do not imply that any investment by the Fund will be safe, principal, protected, or that an investment in the Fund is a safe investment. Investment in the Fund necessarily involves risk, including a risk of loss of the entire investment; 2) FID taken once development risks mitigated, some construction/operation risks may remain; 3) Offtake secured implies revenue contracts secured with an energy buyer

CIP is well-positioned to capture attractive opportunities while managing an increasingly complex environment Uniquely positioned in the energy transition - the largest and fastest growing sector of infrastructure

Proven track record, extensive industrial experience & platform scale with a market-leading pipeline of ~150GW

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Attractive risk-adjusted return profile resilient to market and commodity uncertainty and macroeconomic volatility





# **CIP State of the Union**

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Mads Skovgaard Andersen, CIO Martin Neubert, COO

## CIP is present globally with local project execution across key markets



**Notes: 1)** Headcount and office presence as of 31 December 2024; **2)** Capacities under construction or in operations based on projects that have reached FID as of 31 December 2024. Capacities under development primarily including projects with site applications, land rights, exclusivity or ownership (or similar rights). Capacity is gross GW including partnership share (where CIP is not 100% owner) as of 31 December 2024; **3)** Multiple CIP and CI Service Companies' offices in one country (incl. US, Denmark, Luxembourg, Netherlands, UK, Germany, Singapore, Australia, Japan, and South Korea); **4)** As of 31 December 2024.

## Optimised platform structure to ensure scalability and project delivery

#### **CIP Platform and activities** (non-exhaustive overview)



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Important information: Structural changes are shown pro forma for changes in legal entities and commercial agreements that are pending completion. The inclusion of any third-party firm and/or company names, brands and/or logos does not imply any affiliation with these firms or companies. None of these firms or companies have endorsed CIP, a Fund or any associated entities or personnel

## Robust governance model with a highly experienced leadership team



Important information: Structural changes are shown pro forma for changes in legal entities and commercial agreements that are pending completion. Loss of key staff members and industrial specialist partners could have an adverse effect on the Funds

## Five proven funds strategies tapping into the energy transition



Important information: Past performance is not indicative of future performance and there can be no assurance that other investments in CIP's funds will achieve similar results or that any estimated returns will actually be achieved; Notes: 1) Indicative. Unless otherwise noted, numbers represent the target return in EUR of the latest fund vintage for each of the fund strategies; 2) ETF primarily engages in projects in OECD, but also have a minority of projects in non-OECD countries (max 20%)

## CI V has reached EUR +12bn and on track to exceed target returns



Important information: As of Q4 2024. Past performance is not indicative of future performance. There can be no assurance that potential investments will ever be consummated, or if consummated, that such investments will be executed on terms similar to those described herein. There is no guarantee that CIP will raise the estimated capital not currently closed. The terms "de-risking" and "de-risked" do not imply that any investment by the Fund will be safe, principal protected, or that an investment in the fund is a safe investment. Notes: 1) Range reflects different management fee levels (target net IRR of 10% for highest management fee level of 130bps) and views on key investment case assumptions; 2) Multiple on invested capital within the contracted offtake period on a gross basis excl. Elgin as it is a growth platform with several projects.

## CI GMF II has significantly de-risked the portfolio in a year since Launch







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## CI GCF I has closed 7 investments with significant excess risk premium



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## CI ABF I progressing well with two plants reaching COD ahead of time

## ABF I commitments vs. fund size, EURbn (as of Q4 2024) CLABF I fund size Committee to date Expected commitments by Q3 2025 EUR 0.7bn EUR 0.6bn ~0.3 ~50% of fund size ~0.3 **ABF I commitments** ABF I fund size CI ABF I expected gross (net) IRR:

~18% (~12%)<sup>1</sup>

~50% of the fund committed to date

## 2 projects constructed ahead of time

# Project Toender (450 GWh)

**Debt financing secured** for ~40% of project commitments

#### Project Sindal (485 GWh)



Notice to Proceed for phase 2 expected in H2 2025

## EUR ~2bn investments sourced

#### CI ABF I Portfolio and ABF II Seed Portfolio<sup>2</sup>



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## CI ETF I is de-risking its portfolio while building a large DEVEX pipeline



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## Opportunities from accelerating energy demand in advanced economies

Mads Skovgaard-Andersen, CIO, Head of Flagship Fund Tim Evans, Regional Lead for North America, Flagship Fund

### Key milestones reached across Flagship Funds since last Investor Meeting



Changfang Xidao reached COD<sup>1</sup>



Vineyard Wind I installed all monopiles and all Jeonnam I turbines reached first power



Slough and Fighting Jays reached COD



**Buffalo Plains** and **Zone 29** finalized construction with official COD exp. Q2 2025



Bearkat II and Kent divested



Coalburn II and Devilla reached FID<sup>2</sup>

**CI V** 



EUR +12bn in raised capital



**FID<sup>2</sup> taken on** Panther Grove II, Fengmiao, Summerfield and Scatter Wash<sup>3</sup>



Fengmiao reached financial close



5 new storage and offshore wind acquisitions

Important information: Past performance is not indicative of future performance. There can be no assurance that potential investments will ever be consummated, or the commitments will be made to facilitate the consummation of such potential investments, or if consummated, that such investments will be executed on terms similar to those described herein. Notes: 1) "Commercial Operations Date"; 2) "Final Investment Decision"; 3) Total of 6 FIDs taken in CI V including Panther Grove I and Elgin

## All Flagship Funds on track to deliver strong returns above target





Important information: Past performance is not indicative of future performance and there can be no assurance that other investments in CIP's funds will achieve similar results or that any estimated returns will actually be achieved. Notes: 1) Incl. planned optimisations (selected early divestments or re-financings) and assumed exit from fund. Net returns based on highest fee-paying investor incl. carried interest and fund costs; 2) CI V does not have a gross IRR target but a net IRR target of 10-12% corresponding to ~14-16% gross; 3) Range reflects different management fee levels (target net IRR of 10% for highest management fee level of 130bps) and views on key investment case assumptions CIP | 39

## Flagship Fund returns are generally resilient to US tariffs



Notes: 1) <u>Expected case</u> refers to a preliminary sensitivity based on procurement contracts and does not adjust for potential cost increases passed on through higher offtake-pricing except for Scatter Wash II where offtake is already including a mechanism whereby tariffs are offset in pricing. <u>Downside case</u> returns refers to a preliminary sensitivity based on total tariff exposure, with no tariff costs being covered by suppliers even if contractually agreed

### Strong construction execution over the past year



## Greenfield premium has remained intact across time, technologies & regions



Greenfield premium and CIP's ability to divest have remained intact over time

Important information: Past performance is not indicative of future performance. Notes: 1) CI IRR reflects the realized IRR on the divested share; 2) CIP estimate of buyer IRR when applying CIP underwriting assumptions

## CI V progressing well with above target returns and strong de-risking



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## CI V target portfolio with total potential equity commitments of EUR ~15bn diversified across technologies and geographies

CI V gross equity commitments by region / technology for target portfolio, EURm 🗸 FID taken 📕 Additions since last AIM

Location / Sector		North America	Western Europe	Asia Pacific (OECD + Taiwan)	Total <sup>1</sup>
Greenfield premium	Offshore Wind	No US offshore wind FID targeted	Morecambe   Alba   Scipio   Pentland Array   Hannibal	<ul> <li>♦ Fengmiao</li> <li>✓</li> <li>★ ⊕ Ulsan<sup>2</sup></li> <li>★ ⊕ Taean</li> </ul>	EUR ~6.2bn (~40%)
	Storage & other <sup>3</sup>	<ul> <li>US Battery Storage Portfolio</li> <li>Scatter Wash</li> <li>Goldendale BESS</li> </ul>	<ul> <li>Image: Summanus</li> <li>Image: Gigastar</li> <li>Image: Bige: /li></ul>	Image: Summerfield       Image: Summerfield         Image: Summerf	EUR ~3.5bn (~23%)
	Solar PV & Onshore Wind	<ul> <li>♣ Panther Grove I+II<sup>4</sup></li> <li>✔ Prosperity</li> <li>♠ Aira Solar</li> <li>♣ Liberty Wind</li> </ul>	<ul> <li>♣ ⊕ Bute⁵</li> <li>● ● ● Elgin<sup>6</sup></li> </ul>	<ul> <li>Australia Onshore Wind<sup>7</sup></li> <li>Geffet Japan Onshore Wind</li> </ul>	EUR ~5.7bn (~37%)
Total expected equity commitment		EUR ~5.0bn (~32% of total commitment)	EUR ~5.5bn (~36% of total commitment)	EUR ~4.9bn (~32% of total commitment)	EUR ~15.4bn

Notes: 1) Includes potential commitments of EUR ~1.3bn to development projects and growth premium projects (not included in the overview); 2) Includes Ulsan I which assumes a 50% sell down at FID; 3) Other covering transmission; 4) Panther Grove II FID is conditional on the receipt of county permit (expected Q2 2025); 5) Devex Ioan; 6) Elgin has a project pipeline of 81 projects in UK, 40 projects in Ireland, and 10 projects in Australia; 7) CI V target portfolio previously included project Wilan (Australia onshore wind) that is now expected replaced with another similar Australian onshore wind project which is assumed to secure grid access ahead of project Wilan and where CI V has an option to acquire it

## Substantial value creation in CI V in coming years as greenfield projects are de-risked and taken to FID



Notes: 1) As of Q4 2024. Market values assume FID'ed assets are valued at DCF (discount cash flow) with asset specific discount rates instead of cost values to reflect higher maturity of projects. Actual value uplift realized is subject to the applied discount rate by CI V, which is based on CIP's valuation principles that includes a gradual adjustment of discount rate throughout projects' construction phase as the projects are further de-risked from FID to COD; 2) Value uplift calculated as of March 2025; 3) Growth premium asset but shown due to FID taken; 4) NTP on Panther Grove II is expected in Q2-Q3 2025, upon the receipt of a county permit; 5) Devex loan.

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## Strong offtake momentum across CI V projects with attractive terms

### Signed or awarded offtake tenors for CI V projects that have been FIDed or are expected to reach FID in 2025-26

FID reached	1	FID timeline	Tenor Actual	Expected	Volume risk	Contracted MOIC
	Panther Grove I	2023	12 8	20 <sup>1</sup>	No	1.6x <sup>1</sup>
Onshore wind	Panther Grove II	2024	20		No <sup>2</sup>	1.6x
	Eiberty Wind	2026 (exp.)	20		No	1.7x
	Iba	2026 (exp.)	20		No	1.4x
Offshore wind	Fengmiao	2024	30		No	2.7x
	🂐 Taean	2026 (exp.)	20		No	2.5x
Detterioe	Scatter Wash	2024	20		No (Tolling <sup>3</sup> )	1.3x
Batterles	Summerfield	2024	10		No (Tolling <sup>3</sup> )	1.0x

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### Increased market complexity has resulted in attractive deal flow for CI V



Important information: There can be no assurance that potential investments will ever be consummated. Past performance is not indicative of future performance. Notes: 1) Incl. planned optimisations and assumed exit from fund; 2) CI V fund net IRR of ~10% based on the highest management fee level of 130bps

🐊 Solar PV 🚯 Offshore wind 🕼 Waste-to-energy 🕑 Battery storage 🔂 Onshore

• On time/in line with budget • Delayed/above budget, low impact<sup>1</sup> • Delayed/above budget, moderate impact<sup>2</sup>

## Projects on track to be constructed on time and within budget, with limited exposure to US tariff risk

CIP US tariff risk assessment: Low Medium High

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Project		Fund	Exp. COD -	Construction status			LIS toriff rick
				Timeline <sup>3</sup>	Within budget	Construction progress <sup>4</sup>	
Scatter Wash		CI V	2025			ased REC <sup>5</sup> multiplier	
Jeonnam I	🗶 🏠	CI III	2025	•		FID-level short-term	
<b>Buffalo Plains</b>		CI IV	2025				
Zone 29		CI IV	2025				
Vineyard Wind I		CI II/III	2025		•		
Lostock		CI III	2026				
Coalburn I		CI IV	2026				
Panther Grove I+II		CI V	2027				
Summerfield	<b>S</b>	CI V	2026				
Fengmiao		CI V	2027				
Coalburn II		CI IV	2027				
Devilla		CLIV	2028				
Teruel		CI IV	2027	6			

Important information: As of March 2025. Past performance not indicative of future performance. There can be no assurance that potential investments will ever be consummated, or commitments will be made to facilitate consummation of such potential investments, or if consummated, that such investments will be executed on terms late-stage those described herein. Notes: 1) Projects with expected gross IRR up to 10% below FID IRR; 2) Projects with expected gross IRR 10-40% below FID IRR; 3) Timeline vs. FID/NTP; 4) %-completion as share of total time from FID to COD; 5) "Renewable Energy Certificate"; 6) Late-stage development with FID taken and delayed construction planning ongoing

#### 分 Offshore wind

# CI V is developing four de-risked offshore wind projects in Europe and APAC



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#### 🚯 Offshore wind

## Taean | Investment in late-stage offshore wind project in South Korea

### **Project facts**



• Other CIP projects (incl. pipeline projects)

CAPEX

USD 2.7bn

20-year fixed offtake agreement signed at EUR 273/MWh, the highest price awarded among the fixed-bottom projects in the 2024 auction

#### VENA ENERGY

Vena Energy recognized the value of collaborating with a more experienced developer, with CIP entering as an equal partner holding a 49% equity stake

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#### **Key highlights**



Favorable acquisition terms as seller needed an experienced offshore wind partner



Building on **CIP's experience and track record** from similar projects in the region (e.g., Jeonnam)



Interconnection access secured in severely grid constrained Korean market, de-risks the project



Attractive PPA signed just one month after acquisition with highest awarded price among fixed-bottom projects



Market sounding with banks initiated to begin the project financing process

#### 🚯 Offshore wind

### Morecambe | Investment in late-stage offshore wind project in the UK

### **Project facts**



• Other CIP projects (incl. pipeline projects)

USD 2.1bn

Grid secured for 480MW with connection date in 2029

CAPEX<sup>1</sup>

Project lease secured in the UK Offshore Wind Leasing Round 4 in 2021

Full ownership acquired from COBRA Group, and Flotation Energy, owned by TEPCO Renewable Power, Inc

#### Key highlights



Challenging market conditions and expedited process provide for **attractive** valuation



**Rare opportunity** to acquire fixedbottom project in late-stage development



Project can bid into **world-leading CfDscheme** - a fixed government backed electricity price for 15 years



The UK is one of the **most ambitious and mature markets** for offshore wind in the world



Building on **CIP's experience and track record** from similar projects in the region (e.g., Beatrice)

**Important information:** Case studies presented herein are for illustrative purposes only. Past performance is not indicative of future performance. The inclusion of any third-party firm and/or company names, brands and/or logos does not imply any affiliation with these firms or companies. None of these firms or companies have endorsed CIP, a Fund or any associated entities or personnel. **Notes: 1)** FX-rate at ~1.3USD per GBP as of 31 March 2025

## Balancing measures are key to resolve grid constraints with battery storage being the most efficient solution globally

### **Energy transition challenges...**

**Bidirectional power flows** 





## CIP has a global ~16 GW pipeline<sup>3</sup> of storage projects across Flagship Funds

### Global overview of current Flagship battery storage projects and pipeline



Notes: 1) Development platform; 2) Portfolio consisting of several projects; 3) Excluding Elgin as it is a growth platform with projects across technologies and regions.

## Scatter Wash | Opportunistic transaction of battery project in Arizona

### **Project facts**



USD 565m

aps

20-year Tolling Agreement secured with Arizona Public Service, largest utility in Arizona, for 100% capacity

Tier 1 suppliers TESLA including Tesla and Mortenson Mortenson

USD ~510m project financing closed with a 7-bank lender group

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### **Key highlights**

1

CIP joined after **Seller's deal with another buyer fell through** during construction stage



CIP leveraged **its storage expertise** to secure a deal quickly at attractive terms



**Close collaboration** with EPC and suppliers to accelerate construction ahead of schedule



**CIP structured CAPEX overrun sharing** mechanism in PSA to split costs with Seller



Established credibility with APS to be leveraged for add-on acquisitions and project expansion

## **20-year tolling agreement provides downside protection with stable returns**



Important information: There can be no assurance that potential investments will ever be consummated. Notes: 1) Assume NPV discount rate of 7.0%

### Scatter Wash | Project layout

Grid connection point

4

1

Step-up transformers

O&M buildings

Augmentation site

Scatter Wash Canal

Battery units

**Substation** 





## Meet our funds in the exhibition rooms



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## Panel: Boosting European Competitiveness through energy sector investments

Lars Gert Lose (Moderator), Christian Skakkebæk, Astrid Bergmål, Kerry McCarthy, Kaspars Melnis

# Role of credit in financing energy infrastructure buildout

Nicholas Blach Petersen, Co-head of Green Credit Fund

Reiner Boehning, Partner, Green Credit Fund

## Strong demand drivers for energy infrastructure financing



Notes: 1) Energy Transition Scenario, BNEF New Energy Outlook 2024 Data Viewer; 2) IEA World Energy Outlook 2024. Average annual investment by 2035 represent the range between States Policies Scenario (STEPS) and Announced Pledges Scenario (APS); 3) Energy transition includes low-emissions power and fuels, energy efficiency and end-use sectors.

## Specialised private credit solutions to fill the gap in the market



## Rising role of specialised private credit to bridge the demand-supply gap



### What does it mean to be a specialist?

#### GCF leverages CIP's industrial skillset...



#### ...to generate excess risk premium

Aymium coupon structure as of FID (May 2024), %<sup>1</sup>



## Specialism informs every step of the investment lifecycle



Important Information: Past performance is not indicative of future performance. The terms "risk-adjusted" and "de-risk" does not imply that any investment by the Fund will be safe, principal protected, or that an investment in the fund is a safe investment. Notes: 1) As of March 2025.

## GCF I has built a strong and diversified portfolio and pipeline



Important Information: There can be no guarantee the Fund will achieve its investment objectives. Past performance is not indicative of future performance. Notes: 1) The EUR 140m GCF I commitment and EUR 185m co-investment amount respectively include EUR 20m and EUR 26m of undrawn acquisition tranche cancelled in July 2024.

## GCF I's portfolio is expected to deliver attractive returns and cash yield



Important Information: Past performance is not indicative of future performance. Expected lifetime IRR of greenfield projects are not indicative of future results. Notes: 1) Linearly interpolated from the average US B and BB spreads according to FRED (BAMLH0A2HYB, BAMLH0A1HYBB); 2) This is based on the current portfolio, but not the final expected portfolio or the current fund model.

### GCF is expected to be resilient to the current market uncertainty



Important Information: There can be no guarantee the Fund will achieve its investment objectives. Past performance is not indicative of future performance.

### What to expect for GCF II?



Important Information: There can be no assurance that the Fund will be able to achieve its investment objective or that the fundraising targets will be realised. There can be no assurance that potential investments will ever be consummated, or if consummated, that such investments will be executed on terms similar to those described herein. Notes: 1) Terms and conditions subject to change; 2) Including, but not limited to, i) hydro, geothermal, biomass, and reserve power generation; ii) district heating, waste-to-energy; iii) energy-related storage; and iv) distribution and transmission grids, pipelines and assets; 3) USD metrics shown and calculated by converting gross and net EUR-denominated cash flows to USD using historical and forward EUR/USD rates (retrieved from Bloomberg on December 31, 2024).





## Meet our funds in the exhibition rooms





Albert Cheung, Deputy CEO & Head of Global Transition Analysis, BloombergNEF
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# Enabling energy transition in high growth markets

Ole K. Sørensen, Co-head of Growth Markets Fund Niels Holst, Co-head of Growth Markets Fund

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# Growth Markets are driving ~80% of the increase in electricity demand by 2027, outside of China

# Accelerating electricity demand...

Total electricity demand increase from 2023 to 2027<sup>1</sup>, TWh '000



# ...driven by structural fundamentals



High economic growth driven by industrialisation



Growing population and expanding middle-class



Cooling, electrification (EVs) and digitization (data centers, AI)

Global electricity demand growth

# **Growth Markets Funds focus on 15 high-growth markets with limited risk**



**3-4x economic growth** towards 2050, compared to 2020, ~2x more than EU/US<sup>2</sup>

**GMF** market characteristics

~80% OECD or affiliated

countries incl. applied for OECD membership and key OECD partners<sup>3</sup>

### Structural growth trends



population growth, industrialisation, electrification, and digitalisation<sup>4</sup> Real annual GDP growth (2022-24)



Notes: 1) Weighted average real annual GDP growth and country risk classification of GMF II Portfolio based on amount of commitments to expected FID Seed Projects (excl. M&A leads and developer investments);
 2) OECD Dataset: Economic Outlook No 109 - October 2021 - Long-term baseline projections;
 3) OECD countries: Chile, Colombia, Mexico, Greece, Poland and Baltics (Estonia, Latvia, Lithuania); Applied for membership: Brazil, Bulgaria, Romania; OECD key partners: India, Indonesia and Thailand;
 4) IEA - Electricity 2025

# Renewables expected to remain resilient in GMF markets despite US tariffs

# **Overview of tariffs in Asian GMF markets**



Market	US Reciprocal tariff	Projected 2025 GDP growth <sup>2</sup>	Projected drag on 2025 GDP growth <sup>1</sup>
🔁 VN	46%	6.1%	0.8 - 1.5%
🧿 IN	27%	6.3%	0.3 - 0.6%
🛑 тн	37%	2.8%	0.5 - 1.0%
	32%	5.0%	0.1 - 0.5%
PH	18%	6.0%	0.2 - 0.4%

### Notes: 1) Crédit Agricole "EM Asia: Trump tariff troubles", April 2025; 2) Crédit Agricole "Emerging Market Outlook", April 2025.

### Initial reflections



### US exports not significantly obstructive to growth

despite being important for Asian GMF markets, as projected drag in 2025 GDP growth averages at ~0.6%



### Limited impact in key LATAM markets

tariffs not expected to impact upcoming investments in Chile (10% tariff) and Mexico (USMCA exemption)



# Renewable energy remains the lowest cost of power in GMF markets

and fastest to deploy, that is unlikely to change due to tariffs



### Equipment prices continue to decline

as supply chain flows away from the US, further increasing the cost competitiveness of renewables in GMF markets

# FX remains generally stable in GMF markets

with most currencies strengthening against the USD immediately after the tariff announcements

# Significant milestones achieved since Fund strategy launch 5 years ago



Important Information: Past performance is not indicative of future performance. There can be no assurance that potential investments will ever be consummated, or if consummated, that such investments will be executed on terms similar to those described herein

# Strong track record of delivering above target returns in GMF I

### GMF I portfolio metrics (as of Q4 2024) ~90% ~22%<sup>1</sup> **1.9x** $(12-14\%^2)$ $(1.5-1.6x^2)$ Capital committed Gross (net) expected IRR Gross (net) expected LP MOIC **GMF I portfolio composition** 🧕 Iris I FID taken $\checkmark$ ~300 MW (Onshore wind<sup>3</sup>) Capacity (4) (a) ~18% Gross expected IRR I B **USD 166m** Commitment 💿 Unicus I ~2,500MW (Hybrid) \$ **Belvedere** I ~15% Solar PV **USD 164m** ۲ 2 Callisto Nate Golden Gate Solar PV ~4,900MW (Hybrid) Siam I (5) ~26% Onshore wind J. **USD 225m**

# Portfolio highlights



# Gross expected returns above target<sup>1</sup>

enabled by 3 FID projects performing above or in-line with investment case IRRs



# **Construction & operations progressing well**

+3 GW under construction / operations or ready-tobuild pipeline across onshore wind, solar and battery



# **Ongoing optimisations enhancing returns**

including securing new PPA in India and expansion of pipeline of projects in South Africa

# Significantly de-risked portfolio

with 90-100% of invested capital across the three FIDs hedged against local currency exposure

Important Information: Past performance is not indicative of future performance.

Notes: 1) Target gross return of ~15%; 2) Range reflects difference in management fee from average to high fee-paying investor; 3) Project hybridisation under consideration with extension of current wind portfolio with ~125MW solar

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# Golden Gate | GMF I platform investment is ramping up strongly

### South Africa Limpopo Gau- Mpumalanga Johannesburg West Onshore wind, `<u>`</u> Æ solar and Kwazulu-Natal battery Durban Nestern HQ Projects in operation Cape Town Construction assets Maior cities 📕 HƠ Grid secured Golden Gate expected build-out plan by 2027 (GW)<sup>1</sup> Operational Near-term pipeline 4.9 2.2 2.7 2.1 0.6

Updated case

# Key highlights



Significant portfolio de-risking since acquisition, with 0.8GW taken to Financial Close and offtake secured for 1GW<sup>1</sup> capacity<sup>2</sup>



~2x increase in 2027 Final Close Pipeline since acquisition with ~2.2GW capacity added across battery energy storage, solar and onshore wind



Organisational transformation into a Tier 1 IPP by attracting market-leading talent



~500bps pick-up expected in returns compared to FID, based on significantly higher project build-out than expected

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2027 FC pipeline today

# **Project facts**

**Original FID case** 

# Growth Markets Fund II: Robust progress since launch 1 year ago

net return

On track to achieve target Fund

# ~75% of Target Fund size expected to be committed by Final Closing



# Large and diversified portfolio offering optionality

### GMF II total portfolio, USDbn





Important Information: There can be no assurance that potential investments will ever be consummated, or if consummated, that such investments will be executed on terms similar to those described herein. There can be no guarantee that projected returns will be achieved. Projected performance not necessarily indicative of future performance. Notes: 1) Net numbers adjusted for management fee (range reflecting highest and average fee-paying investor), carried interest and fund costs

🔂 Onshore wind (
) Power-to-X (
) Battery 📃 M&A (bespoke) leads

G Offshore wind Hybrid (a) Solar PV Projects added in Investment Period V FID Seed Portfolio projects

# Diversified and robust GMF II Portfolio with USD ~6bn in commitments

# Seed Portfolio split by regions, technologies, and investment strategies (gross commitments, USDm)

Location	/ Sector	Asia	Latin America	EMEA	Total
Green- field Invest- ments (Diveste d post COD)	Offshore Wind	<ul> <li>San Miguel Bay</li> <li>La Gan I</li> <li>Sorsogon Bay</li> </ul>		<ul> <li>▲ Liivi</li> <li>↓ Etna</li> </ul>	USD ~1.6bn (~28%)
	Solar PV and Onshore Wind	<ul> <li>Iris II-IV</li> <li>Siam Wind I</li> <li>PH portfolio I</li> <li>Unicus II<sup>7</sup></li> <li>Soaring Dragon I</li> </ul>	<ul> <li>La Negra</li> <li>Sunstone I (La Esperanza)<sup>6</sup></li> <li>Sunstone II (Campeche)<sup>6</sup></li> </ul>	Belvedere II Belvedere II Bestera II <sup>4</sup>	<b>USD ~2.3bn</b> (~40%)
	Storage and other <sup>1</sup>		<ul> <li>Arena BESS</li> <li>Arena BESS</li> <li>Helax Istmo<sup>3</sup></li> <li>Patache BESS</li> </ul>		<b>USD ~1.1bn</b> (~19%)
Develope Investme (Divestee prior to F DEVEX o	er ents <sup>2</sup> d at or iD. only)	<ul> <li>PH portfolio II</li> <li>Siam Wind II</li> <li>Soaring Dragon II</li> <li>La Gan II-III</li> <li>Vietnam new sites</li> <li>Iris V-VI</li> <li>Urdaneta II-III</li> <li>Shapla</li> </ul>	<ul> <li>Barranquilla</li> <li>Arena Generation</li> <li>Venturi</li> <li>Helax Caribe</li> <li>Carnival</li> <li>Frontera</li> </ul>	●	<b>USD ~0.3bn</b> (~5%)
Platform Investme	ents	Indonesia Platform		EMEA Solar PV BG/RO platform	USD ~0.5bn (~8%)
Total		USD ~2.5bn (~44%)	USD ~1.8bn (~32%)	USD ~1.5bn (~25%)	USD ~6bn

Important information: There can be no assurance that potential investments will ever be consummated. Notes: 1) Power-to-X and other renewables; 2) Only DEVEX cost included, prior to Ready to Build; 3) Equity commitment is potentially above single investment limit (ca. USD 600m); 4) A co-investment of USD ~30m in Pestera II was executed by EIB in Q4 2024; 5) Diversified portfolio strategy targets. Indicative percentage of total commitments to investments for a USD 3bn fund size; 6) Previously named "Moctezuma"; 7) FID taken on USD 160m with potential to increase partnership commitment to USD 260m.

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# Large GMF II Portfolio provides optionality and accelerated deployment

# Expected and potential GMF II commitment build-up based on current FID timing (USD million)



Important Information: There can be no assurance that potential investments will ever be consummated, or if consummated, that such investments will be executed on terms similar to those described herein Notes: 1) Potential commitments have lower certainty on timing of FID, with portfolio optionality to be leveraged to select the most value-adding investment at a given point in time.

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# Recent milestones substantitally de-risk CI GMF II portfolio



Important information: The terms "risk-adjusted" and "de-risking" do not imply that any investment by the Fund will be safe, principal protected, or that an investment in the fund is a safe investment; Notes: 1) FID taken on USD 160m with potential to increase partnership commitment to USD 260m; 2) Arena BESS FID built on unlevered return of ~19%. Potential to optimise through project financing at a later stage; 3) Net commitment in Chile expected to be lower after financing and farm-down of Arena BESS project.

# Substantial near-term value creation as greenfield projects are derisked and taken to FID



Important Information: Past performance is not indicative of future performance. Notes: 1) Market values assume FID'ed assets are valued at DCF (discount cash flow) with asset specific discount rates (ranging from 10.1%-12.4%) instead of cost values to reflect higher maturity of projects. Actual value uplift realized is subject to the applied discount rate by GMF II, which is based on CIP's valuation principles that includes a gradual adjustment of discount rate throughout projects' construction phase as the projects are further de-risked from FID to COD.

# Arena BESS | ~1,100 MWh standalone battery energy storage project

# **Project facts**



Construction status as of January 2025

### **Market dynamics**

- **Energy regulation** incentivising battery storage given large solar capacity
- **Curtailment and power** price fluctuations from mix of solar PV and thermal generation

# **CI GMF II value creation**

Arena Battery Energy Storage accelerated given attractive business case and first mover opportunity

while originally intended Solar PV investment opportunity is staged to development portfolio

### **Key highlights**



# **High unlevered USD returns**

from a mix of regulated income and energy arbitrage (load shifting)



# Fundamental need for storage given high degree of renewables in

energy generation mix

# **Energy arbitrage opportunities**



given structurally large day and night power price spread, making battery projects particularly attractive

# Significant power demand

in project area, with increasing demand expected from mining activities



# In-house origination by GMF,

with low development cost and full control over the quality of the project

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# Arena BESS | Construction started in January 2025



# Sunstone I | Advanced greenfield project combining Solar and BESS

# **Project facts**



## Market dynamics

- Lack of investments in new capacity coupled with increasing energy demand
- Ambitious political targets of reaching +25GW of clean energy by 2030

**CI GMF II value creation** 

La Esperanza is the first recent renewable energy project to be granted a generation permit<sup>1</sup>

*in the last* +5 years given CIP's strategic engagement with Mexican authorities in solving current energy system challenges

# **Key highlights**



# Advanced project development

Generation permit<sup>1</sup>, land and a large interconnection position secured



**Critical need for new generation** 

to avoid current blackouts, decarbonise grid and achieve energy independence



### **High power prices**

in Yucatan Peninsula, given insufficient local energy generation capacity



### **USD-denominated offtake**

expected given dollarized energy market



GMF II is uniquely positioned to roll out a portfolio of projects leveraging local market presence and

Claudia Sheinbaum Important Information: There can be no assurance that potential investments will ever be consummated, or the commitments will be made to facilitate the consummation of such potential investments, or if consummated, that such investments will be executed on terms similar to those described herein. Notes: 1) Except licenses granted through litigation;

# San Miguel Bay | ~1GW nearshore greenfield project in Philippines

# **Project facts**



CIP Manila office opening with key officials

incl. Special assistant to President

# Market dynamics

- Attractive project fundamentals given nearshore location and high population density
- Philippines historically restricted on foreign ownership in power sector

### **CI GMF II value creation**

CIP is the first 100% foreign-owned developer awarded site exclusivity (WESC)

given strong market presence since 2020 and strategic dialogues with the State

# **Key highlights**



### Uniquely positioned for upcoming State power procurement

in Q3 2025 given attractive nearshore characteristics and competitive LCoE



# One of the most developed offshore wind sites

with fast-tracked consenting and predevelopment activities



# Need for energy independence

given energy imports account for ~64% of total supply, with ~70% coal & gas



### Strong renewable energy outlook

target of achieving 35% and 50% renewable electricity generation by 2030 and 2040 respectively

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# Meet our funds in the exhibition rooms



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