



# CARMIGNAC DIRECT LINE

14 APRIL 2021



The meeting is about to start ...please wait

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## ACTIVE SUSTAINABLE INVESTMENT IN ENERGY TRANSITION

Carmignac Portfolio Green Gold



Michel WISKIRSKI

Portfolio Manager

**APRIL 14TH 2021** 





## © Carmignac Portfolio Green Gold

€ 385 m (12/04/2021

UCITS STRUCTURE

Lowe				Higher	risk_		
	rtially r return	1		Poter higher r		ntially return	
1	2	3	4	5	6*	7	

Source Carmignac 12/04/2021

An article 9 strategy that aims to accompany climate change and the energy needs of the future

#### **INVEST WITH A PURPOSE**

Aiming to generate attractive returns while contributing to climate change mitigation & decarbonization efforts

## **Environment** Green Gold Tech Sustainability disruption & innovation

#### INVEST EFFICIENTLY

A differentiated & holistic approach targeting not only clean energy providers but also:

- Raw metal suppliers, vital for transition
- High emitters making best in class efforts to reduce toxic emissions

#### **INVEST IN INNOVATION**

Targeting innovative and sustainable growth companies with a technological edge and solid business models

#### **INVEST SUSTAINABLY**

Article 9 Fund under EU SFDR regulation, seeking to invest at least 60% of its assets in companies whose activity contribute to climate change mitigation and positive environmental change\*

## Carmignac Portfolio Green Gold – Performance analysis





PROFESSIONALS ONLY

#### Positive contribution of all buckets since rebranding (14/05/2020)

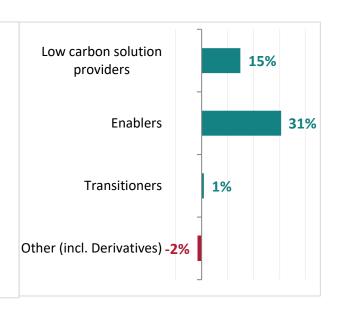
### Since transformation From 14/05/2020 to 31/03/2021

- Carmignac P. Green Gold: +43.8%
- Ref. indicator: +31.8%

#### 2020

From 31/12/2019 to 31/12/2020

- Carmignac P. Green Gold: +4.5%
- Ref. indicator: -11.1%



\*MSCI ACWI (USD) (Reinvested net dividends)

Source: Carmignac at 26/02/2021

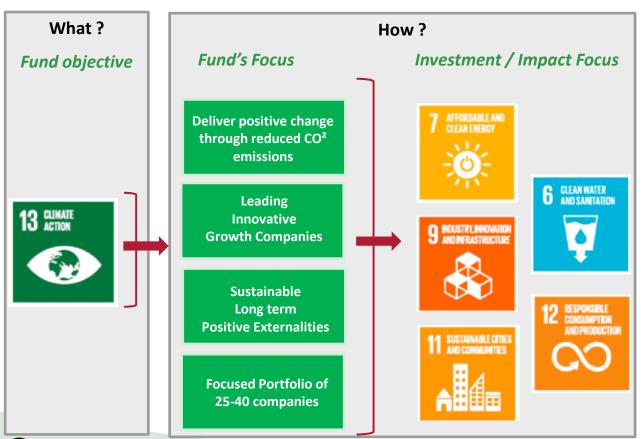
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From 01/01/2013 the equity index reference indicators are calculated net dividends reinvested.

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## Carmignac Portfolio Green Gold Objectives

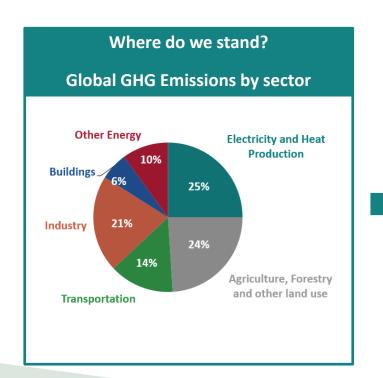


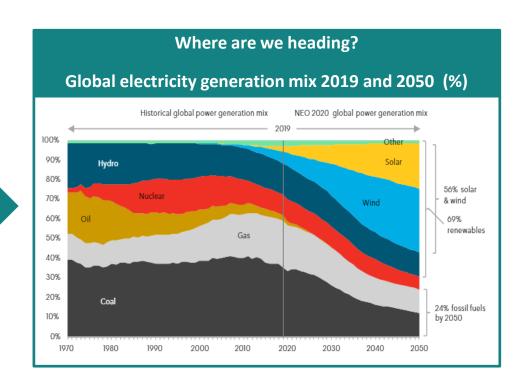


## Climate Change & Energy Transition

Where do we stand? Where are we heading?

## The energy sector is changing at an unprecedented pace to adapt to the needs of a transitioning world

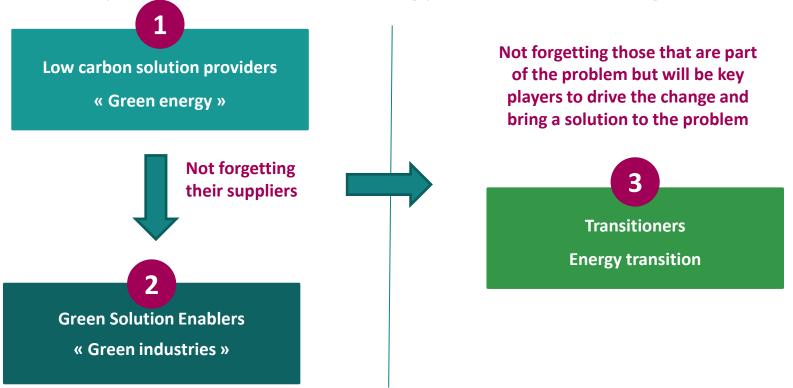






## How to invest to contribute to the Energy Transition and address the energy needs of tomorrow?

### 3 possible ways to contribute to energy transition through investments



\*For more information, please refer to the KIID (Key Investor Information Document) or the prospectus of the Funds. The Funds' KIIDs and prospectus are available at <a href="https://www.carmignac.com">www.carmignac.com</a>.

Portfolio composition may vary over time. Reference to certain securities and financial instruments is for illustrative purposes to highlight stocks that are or have been included in the portfolios of funds in the Carmignac range. This is not intended to promote direct investment in those instruments, nor does it constitute investment advice. The Management Company is not subject to prohibition on trading in these instruments or in the proposed in the propo



# Will energy transition be metal-free? Will energy transition be tech-free?



### The case for « Green Metals »

### A renewed focus on mineral supplies is vital for accelerated energy transitions



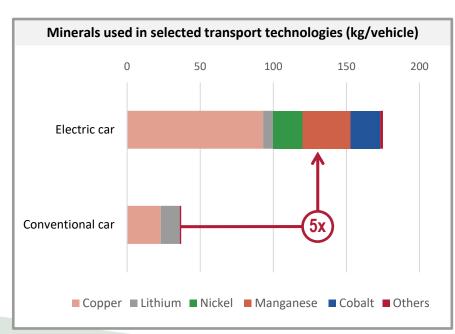


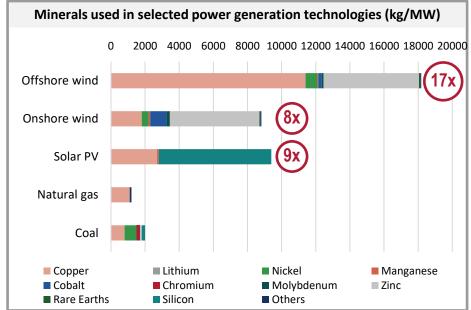






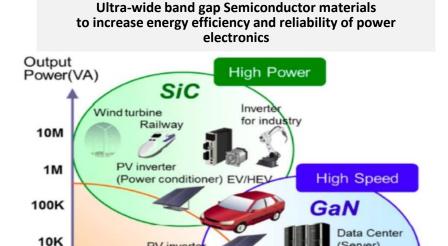






## The case for "Green Technologies": Semiconductors

Semiconductor content value in ICE engine vs BEV \$3000 per unit / \$7 000 per unit Bill of materials in USD 8000 2235 7030 7000 6000 725 5000 925 4000 3145 0 3000 2000 1000 0 Mobility Autonomous Electrification 2025 BEV



AC-DC

PFC)

100K

PV inverte

Silicon

1K

100

(Micro-inverter)

10K



PC

(DC-DC)

10M Operating frequency(Hz)

(Server)

(DC-DC)

1K

100

10 10



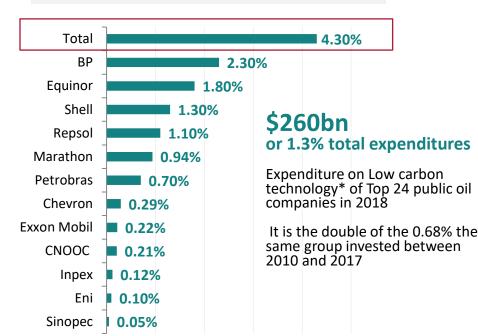
# Can there be an energy transition without traditional oil & mining companies?

## The case of Transitioners The source of the problem will also be part of the solution

Top 10 companies responsible for the most global carbon
emissions between 1965-2017
(in Million Tons of CO2e)

	(in willion rons of CO2e)						
1.	Saudi Aramco	59 262					
2.	Chevron	43 345					
3.	Gazprom	43 230					
4.	Exxon Mobil	41 904					
5.	National Iranian Oil Co.	35 658					
6.	ВР	34 015					
7.	Royal Dutch Shell	31 948					
8.	Coal India	23 124					
9.	Pemex	22 645					
10.	Petroleum de Venezuela	15 745					

## Disclosed low-carbon investment as a proportion of total Capex (2010-Q3 2018)





## Investing in companies that help mitigate climate change across the whole renewable and industrial value chains

Low carbon solution providers **Green Solution Enablers Energy transition** « Green energy » « Green industries » « Transitioners » **Green Energy (Wind, solar) Green Metals** Large oil & mining companies (incl. Gold miners) **Green Mobility Green Technologies** improving CO2 scope emissions with clear targets increasing renewables capex **Energy efficiency & management** Improving dialogue & relationship with local communities sustainable policies water usage and recycling **Building efficiency Circular Economy & sustainable** agriculture



### Overview of our key holdings

Low carbon solution providers « Green energy » 25%

**Green Solution Enablers** « Green industries » 59%

**Transitioners Energy transition** 11%





















































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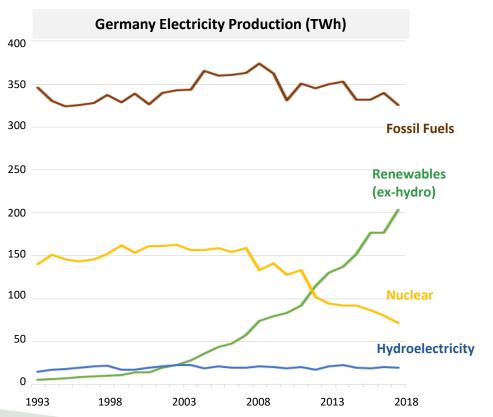






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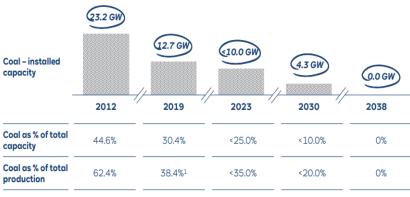
## RWE: unique positioning to benefit & contribute to energy transition with ambitous climate protection targets



#### RWE targets to be carbon neutral by 2040

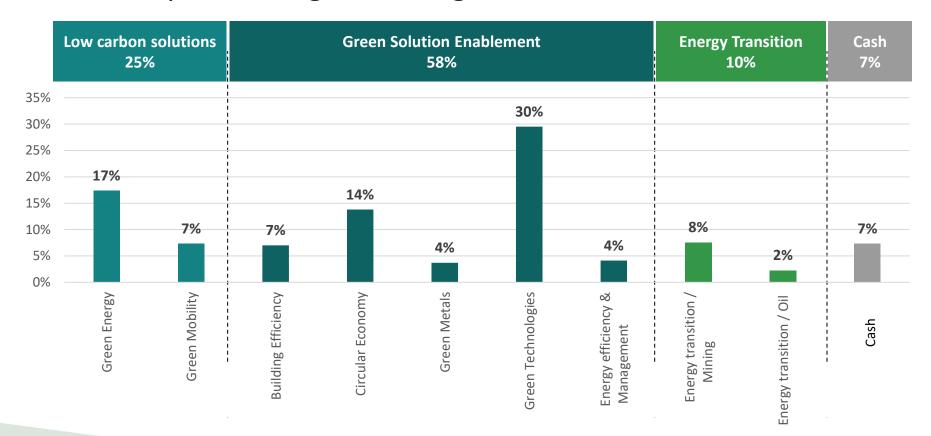
- Target to achieve carbon neutrality by 2040
  - Reduce scope 1 and 2 greenhouse gas emissions 50% per kWh by 2030 from a 2019 base year
  - Reduce absolute scope 3 scopes greenhouse gas emissions 30% by 2030 from a 2019 base year

#### RWE Responsible phaseout of coal by 2038





## Current positioning of Carmignac P. Green Gold





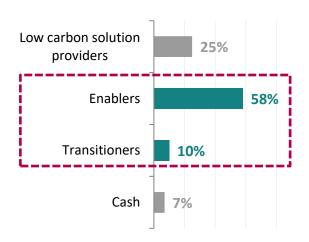
# Conclusion What to keep in mind?

## 1

## Looking beyond concept stocks and bubbles to invest efficiently and sustainably

## ADOPTING A HOLLISTIC VIEW TO INVEST EFFICIENTLY

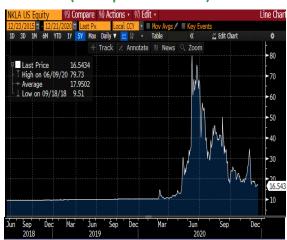
Investments in low carbon/renewables solution providers **BUT ALSO**:



### AVOIDING BUBBLES AND CONCEPTS STOCKS

Thorough analysis to distinguish concept stocks/thematics from sustainable ones

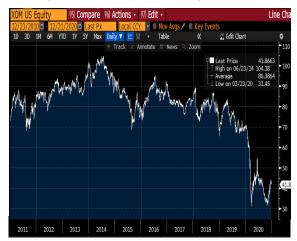
Example of Nikola Corp (Stock price since IPO)



## ASSESSING ESG RISKS & OPPORTUNITIES

A special focus given to companies' governance, safety & environmental policies during exchanges with managements

**Example of Exxon (10Y stock performance)** 





## 2

### Not forgetting bottom-up fundamentals & valuations:

Long-term winners need sound balance sheets and self-financed growth

Carmignac Portfolio Green Gold current top 10 holdings financial ratios\*

#### **VALUATION METRICS**

	Country	Bucket	% Assets	ROE*	EV/EBITDA*
MICROSOFT CORP	USA	Green Technologies	7.73%	41.4%	24,4x
SAMSUNG ELECTRONICS	South Korea	Green Technologies	5.41%	9.1%	5,2x
ASHTEAD	United Kingdom	Circular Economy	3.03%	20.2%	10,1x
TAIWAN SEMICONDUCTOR	Taiwan	Green Technologies	2.99%	28.1%	15.0x
WASTE MANAGEMENT	USA	Circular Economy	2.98%	24,2%	13.5x
VESTAS WIND SYSTEMS	Denmark	Green Energy	2.84%	13.1%	17,0x
KINGSPAN	United Kingdom	Building Efficiency	2.76%	17.1%	19,5x
ORSTED A/S	Denmark	Green Energy	2.63%	21.4%	29,0x
LG CHEM	South Korea	Green Mobility	2.60%	11.0%	12,7x
DANAHER	USA	Circular Economy	2.50%	10.6%	28,3x
Total			35.5%		



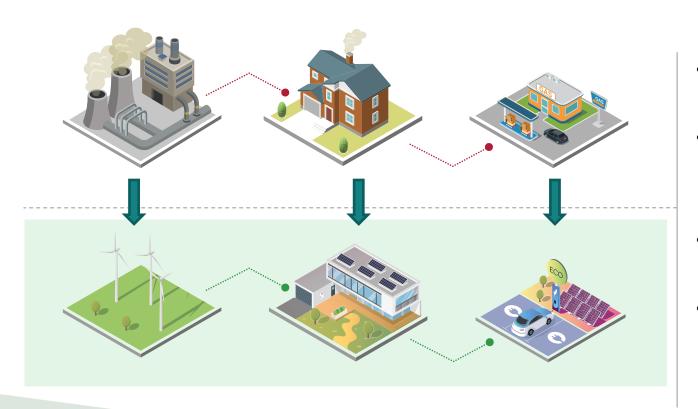
Q&A



## Appendix



## Energy sector is changing at an unprecedented pace with increased demand for clean energy sources



- Environmental concerns have brought clean energy goals center stage
- Market influences demand competitive pricing to promote healthy investments while renewable energy policies evolve at the government and supranational level
- We look for ways to phase out fossil fuels and reduce our dependence on energy sources that harm our planet
- 65 out of 195 countries use renewable sources for at least 50% of their electricity



### 3 key changes shaping our lives, impacting our investment universe

## Commodity crisis & transformation of energy generation

Amount spent on renewable power generation in 2017

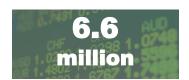


And in fossil fuel power generation



## Tech Disruption & Innovation

Number of active Internet of Things connections in EU cities in 2019



In 2022



## The unstoppable force of ESG investing supported by policy action

Global growth in sustainable investments in US\$ Trillion 2012-2018



Germany renewable energy target by 2025





### What we look for when investing in transitioning mining & gold companies?

We target best in class companies with the highest emission reduction potential & making comprehensive efforts to reduce their negative externalities



## Reduce energy use & GHG emissions

- ✓ CO2 scope emissions reductions & commitments on clear targets
- ✓ Increase renewable capex
- Participation to European level private cooperation to develop carbon capture and sequestration



## Improve local community relationship

- Addressing concerns before conflicts arise and target fast resolution of complaints
- ✓ Integrate community objectives (ie. hiring & procurement in local communities) into the broader business practices
- Support strategic community investments through employee donations and foundations



## Reduce toxic mining waste

- Minimizing the use and amount generated of hazardous materials through improved chemical management and recycling
- ✓ Sustainable water/land and infrastructure use and recycling policies



## Implement water management strategy

- ✓ Integration of local water risks and impacts into key objectives
- ✓ Seeks innovative solutions to reduce the risks associated with water storage, quality and use.



## Portfolio adjustments – Carmignac P. Green Gold

Discipline in position sizing and profit taking

#### STRUCTURAL ADDITIONS

#### **REDUCTIONS/ PROFIT TAKING**

#### **Green Mobility**









#### **Green Tech**











#### **Circular Economy**







#### **Electric Vehicles**





#### **Green Metals**



#### **Green Energy**



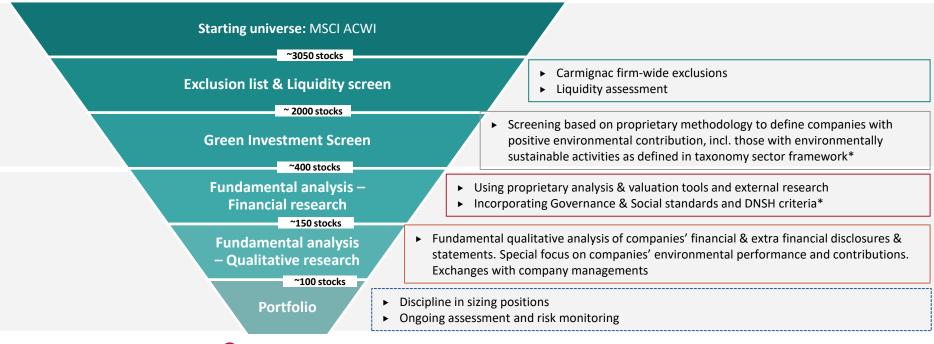
#### **Energy transition**







## The Investment Process: a combination of proprietary, fundamental and environmental contribution analysis





<sup>\*</sup> For more information on Taxonomy Framework & and Do No Significant Harm criteria please refer to related slide. https://ec.europa.eu/knowledge4policy/publication/sustainable-finance-teg-final-report-eu-taxonomy\_en

https://ec.europa.eu/info/sites/info/files/business\_economy\_euro/banking\_and\_finance/documents/sustainable-finance-taxonomy-feedback-and-workshops\_en.pdf

### Carmignac Portfolio Green Gold's sustainable objective

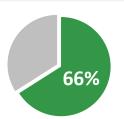
#### **Our Sustainable Objective Explained**

#### Carmignac P. Green Gold Strategy seeks

- ▶ to invest sustainably for long-term growth and pursues a thematic approach for a positive environmental contribution
- to invest at least 60% of assets in companies whose activity contribute to climate change mitigation and positive environmental change.
- The investment universe to measure the sustainable objective has been composed using proprietary analysis to identify companies with revenues from economic activities that qualify as environmentally sustainable according to EU Taxonomy standards (Regulation EU 2020/852).

Carmignac Portfolio Green Gold SICAV Subfund Prospectus March 2021

#### Carmignac P. Green Gold exposure to environmentally sustainable activities as defined in Taxonomy sector framework<sup>2</sup> as of 31/12/2020



#### Taxonomy sector framework & Methodology explanation\*

#### Step 1

▶ Verify company business activities are identified within the Taxonomy standards NACE<sup>3</sup> classification

#### Step 2

► Confirm the reported % revenues per company stated through proprietary analysis

#### Step 3

▶ Identify companies risk mitigation of potential environmental controversies that may harm other climate goals of the Taxonomy activities referred to as Do No Significant Harm (DNSH)<sup>4</sup> through controversy screens and proprietary analysis

#### Step 4

► Safeguard companies' adequate social policies and practices in place through Norms based screening which includes International Labour Organization's work principles

#### Limitations to our methodology

- Given the Taxonomy Delegated Act for financial participants in not voted into law yet and the regulation for nonfinancial companies' disclosures is not applicable before 2022, the portfolio Taxonomy alignment is calculated principally by % revenue involvement, and may only include technical standards threshold assessment when available
- The recommended calculations of DNSH as stated in the Taxonomy technical report may be limited to aualitative judaments in the short term in the absence of company disclosure

Source: 1.For more information regarding the EU Taxonomy standards

https://ec.europa.eu/info/sites/info/files/business economy euro/banking and finance/documents/190618-sustainable-finance-teg-report-taxonomy en.pdf https://ec.europa.eu/info/sites/info/files/business economy euro/banking and finance/documents/190618-sustainable-finance-teg-report-taxonomy en.pdf

2. In number of issuers. European Commission, Carmignac, Bloomberg Portfolio and Watchlist Analytics NACE, 31/12/2020 3. For more information on NACE methodology: https://ec.europa.eu/eurostat/statistics-explained/index.php/NACE\_background

4. For more information regarding Do No Significant Harm



## **BEFORE** - Investing across the commodity and natural resources value chain

#### **ENERGY**

- Exploitation & Upstream (Shale Gas/Oil)
- Downstream (Refining &Oil & Gas Services)
- ► Energy transport & logistics

25% - 50%\*

EXAMPLE SUITONS Pioneer Marat Canadian

**THEMES** 

Suncor Energy,
Pioneer Natural Resources,
Marathon Petroleum,
Canadian Natural Resources

#### **METALS & MINING**

- ► Industrial Metals and Materials
- Precious Metals
- Finished Metals and Alloys

25% - 50%\*

Agnico Eagle Mines, Glencore, Arizona Mining, Newmont Mining

#### **RELATED INDUSTRIES**

- Energy Efficiency Industries
- Energy-Enabling Industries
- Chemical Industries
- Construction Materials
- Agriculture Technology

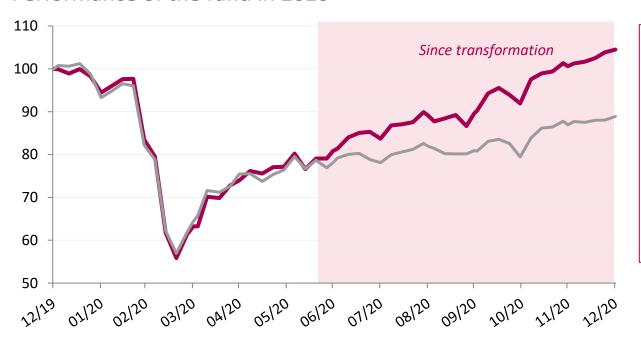
10% - 30%\*

Siltronic, Weir Group, Tessenderlo, Darling Ingredients

CARMIGNAC
RISK MANAGERS PROFESSIONALS ONLY

## Carmignac Portfolio Green Gold

Performance of the fund in 2020



#### Since transformation From 14/05/2020 to 31/03/2021

- Carmignac P. Green Gold: +43.8%
- Reference indicator: +31.8%

#### 2020

#### From 31/12/2019 to 31/12/2020

- Carmignac P. Green Gold: +4.5%
- Reference indicator: -11.1%

\*MSCI ACWI (USD) (Reinvested net dividends)

Source: Carmignac at 31/03/2021

The composition of the reference indicator changed on 01/07/2013: the MSCI ACWI Chemicals NR (USD) index replaces the MSCI AC World Food Products (USD) and performances are presented using the chaining method.

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## Carmignac Portfolio Green Gold

Performance of the Fund since Launch



Carmignac Portfolio
Green Gold A EUR acc

+201.05%

Reference Indicator\*

+195.43%

\*MSCI ACWI (USD) (Reinvested net dividends)



## Carmignac' commodities strategy transformation What has changed?

Before After

Name	Carmignac P. Commodities	Carmignac P. Green Gold			
Investment universe	Thematic International Equities Fund with no geographic & sector or market cap constraints				
Investment Focus	Commodity equities Fund	Environmental Innovation Equity Fund			
Strategy description	Commodity producing companies & those in the value chain of commodity producers	Companies providing innovative products or services or contributing to climate change mitigation			
ESG Integration & sustainability objective	No	Yes At least 60% of assets invested in companies contributing to climate change mitigation according to EU taxonomy standards			
Ref Indicator	Composite reference indicator: 45% MSCI ACWI Oil & Gas NR (Eur), 5% MSCI ACWI Energy Equipment NR (Eur), 40% MSCI ACWI Metal and Mining NR (Eur), 5% MSCI ACWI Paper & Forest NR (Eur), 5% MSCI ACWI Chemicals NR (Eur).	<b>MSCI All Country World</b> (EUR) reinvested net dividends, rebalanced quarterly			
Morningstar category	Sector Equity Natural Resources	Sector Equity Ecology			
Investment limits/ Fee structure	No change in investment limits/SRRI/ risk profile/ leverage/ fee structure				



### **Newmont Mining:**

### Best in class miner with intensive focus on responsible business practices

Newmont: environment & social targets						
Climate	Community					
16.5%	100%					
Reduction in GHG emissions intensity by 2020*	Achievement of regional local employee targets					
Water	Reclamation					
5%	90%					
Reduction in freshwater consumption by 2019 year end**	Of planned reclamation activities met					

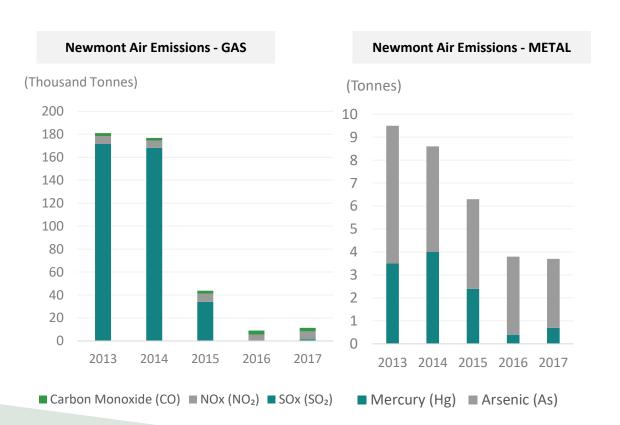
## Improvement of Community dialogue & support

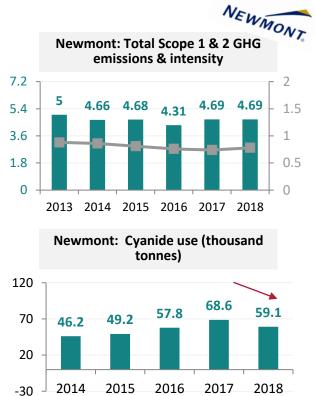
- ✓ Historic Peñasquito mine agreement securing sustainable water availability for the local community's domestic & agricultural uses
- ✓ Establishment of \$20M Global Community Support Fund
- ✓ Partnerships with local governments', medical institutions, charities and NGOs to address needs of local communities



NEWMONT

### Newmont Mining: environnement results so far







Source: Newmont, 2018



## Michel WISKIRSKI

Fund Manager – Equities

2018	Carmignac, Paris – Fund Manager
2015 – 2018	Carmignac, Paris – Analyst, Emerging Markets & Commodities
2014 – 2015	Carmignac, Paris – Product Specialist, Emerging Markets & Commodities
2010 – 2014	UBS Investment Bank, London, UK – Associate – EMEA Cross Asset Solutions
2010	Master's degree in Law, Université Paris II-Assas, Paris, France
2009	Master's degree in Law, University of Oxford, United Kingdom
2008	Master's degree in Finance, ESSEC Business School, Cergy-Pontoise, France
2007 – 2008	BNP Paribas - Fortis Banque, Paris, France – Credit Analyst
2006	Crédit Agricole CIB, Paris, France – Financial Analyst

The Taxonomy Regulation (TR), (Dec 2019) creates a legal basis for the EU Taxonomy. The TR sets out the framework and environmental objectives for the Taxonomy, as well as new legal obligations for financial market participants, large companies, the EU and Member States. The EU Taxonomy is a tool to help investors, companies, issuers and project promoters navigate the transition to a low-carbon, resilient and resource-efficient economy.  The Taxonomy sets performance thresholds (referred to as 'technical screening criteria') for economic activities which:  • make a substantive contribution to one of six environmental objectives  • do no significant harm (DNSH) to the other five, where relevant;  • meet minimum safeguards (e.g., OECD Guidelines on Multinational Enterprises and the UN Guiding Principles on Business and Human Rights).  The performance thresholds will help companies, project promoters and issuers access green financing to improve their environmental performance, as well as helping to identify which activities are already environmentally friendly.  https://ec.europa.eu/info/sites/info/files/business economy euro/banking and finance/documents/200309-sustainable-finance-teg-final-report-taxonomy-annexes_en.pdf
NACE is the acronym used to designate the various statistical classifications of economic activities developed since 1970 in the European Union (EU). NACE provides the framework for collecting and presenting a large range of statistical data according to economic activity in the fields of economic statistics (e.g. production, employment, national accounts) and in other statistical domains.  Statistics produced on the basis of NACE are comparable at European and, in general, at world level. The use of NACE is mandatory within the European statistical system.  For more information on NACE methodology: <a href="https://ec.europa.eu/eurostat/statistics-explained/index.php/NACE">https://ec.europa.eu/eurostat/statistics-explained/index.php/NACE</a> background <a href="https://ec.europa.eu/info/sites/info/files/business">https://ec.europa.eu/eurostat/statistics-explained/index.php/NACE</a> background <a href="https://ec.europa.eu/info/sites/info/files/business">https://ec.europa.eu/info/sites/info/files/business</a> economy euro/banking and finance/documents/sustainable-finance-taxonomy-feedback-and-workshops en.pdf
An activity contributing to climate change mitigation must avoid significant harm to climate change adaptation and the other four environmental objectives: 3. Sustainable use and protection of water and marine resources 4. Transition to a circular economy, waste prevention and recycling 5. Pollution prevention and control 6. Protection of healthy ecosystems <a href="https://ec.europa.eu/info/sites/info/files/business">https://ec.europa.eu/info/sites/info/files/business</a> economy euro/banking and finance/documents/200309-sustainable-finance-teg-final-report-taxonomy-annexes en.pdf Page 29-35
Climate change mitigation' means the process of holding the increase in the global average temperature to well below 2 °C and pursuing efforts to limit to 1,5 °C above pre-industrial levels, as laid down in the Paris Agreement; <a href="https://eur-lex.europa.eu/legal-content/EN/TXT/PDF/?uri=CELEX:32020R0852&amp;from=EN">https://eur-lex.europa.eu/legal-content/EN/TXT/PDF/?uri=CELEX:32020R0852&amp;from=EN</a> Article 2
Decarbonisation is the term used for the process of lowering the amount of greenhouse gas emissions produced by the burning of fossil fuels.  Generally, this involves decreasing CO2 output per unit of electricity generated. Reducing the amount of carbon dioxide occurring as a result of transport and power generation is essential to meet global temperature standards set by the Paris Agreement
The Sustainable Development Goals are a collection of 17 interlinked goals designed to be a "blueprint to achieve a better and more sustainable future for all". The SDGs were set in 2015 by the United Nations General Assembly and are intended to be achieved by the year 2030. <a href="https://sdgs.un.org/goals">https://sdgs.un.org/goals</a>

## Performance by calendar year

### Carmignac Portfolio Green Gold



	Lower risk					Higher	gher risk		
Potentially lower return			ı			Potent higher re	tially eturn		
	1	2	3	4	5	6*	7		

Calender return	2015	2016	2017	2018	2019	2020	2021 (31/03)
Carmignac Portfolio Green Gold– A EUR Acc	-16.16%	+21.68%	+5.51%	-17.70%	+14.79%	+4.50%	+2.45%
Reference Indicator*	-19.66%	+41.68%	+5.15%	-9.58%	+18.78%	-11.10%	+8.86%

Annualized return	3 years	5 years	10 years
Carmignac Portfolio Green Gold – A EUR Acc	+2.11%	+5.02%	-2.38%
Reference Indicator*	+3.16%	+7.89%	+0.24%

On 15/05/2020 the reference indicator changed to MSCI AC WORLD NR (USD) index net dividends reinvested. Performances are presented using the chaining method.

The Fund's name was changed from Carmignac Portfolio Commodities to Carmignac Portfolio Green Gold.

Reference indicator :MSCI ACWI (USD) (Reinvested net dividends)
Past performance is not necessarily indicative of future performance. Performances are net of
fees (excluding possible entrance fees charged by the distributor), where applicable. The return
may increase or decrease as a result of currency fluctuations, for the shares which are not
currency-hedged.

From 01/01/2013 the equity index reference indicators are calculated net dividends reinvested.

Source: Carmignac, 31/03/2021



### Main risks of the fund



Lowe	er risk		Higher ri				
	ntially r return	1		1	Poten nigher n	tially eturn	
1	2	3	4	5	6*	7	

### Carmignac Portfolio Green Gold\*

Equity

The Fund may be affected by stock price variations, the scale of which is dependent on external factors, stock trading volumes or market capitalization.

- Commodities
  - Changes in commodity prices and the volatility of the sector may cause the net asset value to fall.
- Discretionary management

Anticipations of financial market changes made by the Management Company have a direct effect on the Fund's performance, which depends on the stocks selected.

Currency

Currency risk is linked to exposure to a currency other than the Fund's valuation currency, either through direct investment or the use of forward financial instruments.

The Fund presents a risk of loss of capital.

Share class A EUR Acc



#### Promotional material.

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