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the greenTEK ventures global fund

## about us

An investment platform which manages country specific investment funds that invest in medium sized enterprises and projects which promote green technologies in key emerging markets.

#### investment thesis:

- superior long-term financial returns
- market specific funds
- local teams
- proven technologies
- help to mitigate the effects of climate change and associated shortages of energy and water



### target markets



# rationale

### challenges

- financial
- climate change
- social

### solution

- establish a <u>for profit</u> platform to invest on behalf of environmentally and socially responsible investors
- invest in highly competitive green businesses that provide commercially viable solutions











# approach

- fund focused on 12 key emerging markets
- on-the-ground dedicated local teams coordinated by the Swiss greenTEK ventures team
- investing equity 'risk' capital
- proven technologies
- managerial expertise for investee companies
- provide quality portfolio data
- provide carbon finance advice

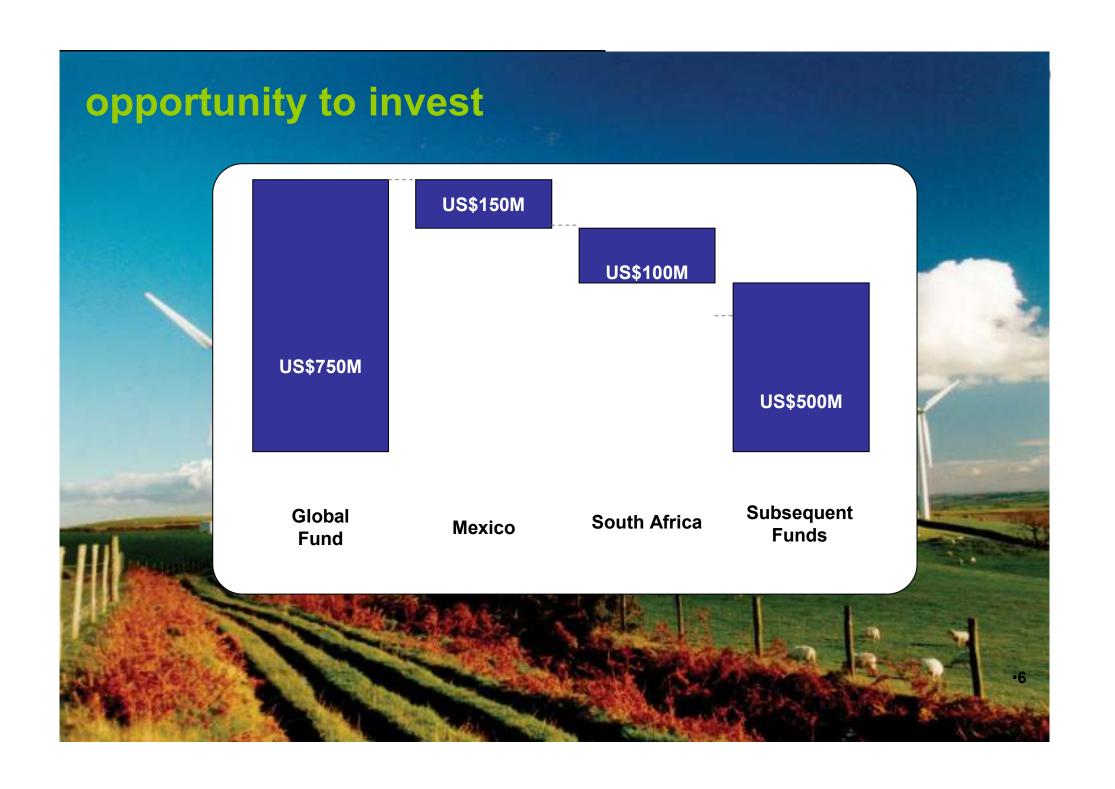




- attractive financial, environmental and social returns.
- need to invest over US\$ 500Bn in the next decade to meet the demand for energy.
- attractive green business pipeline.
- national strategic concerns regarding countries' long term energy security are increasing.
- visible negative economic impact from accelerating development rates and the resulting environmental damage.
- governments committed to reducing CO<sub>2</sub> emissions.
- governments are vigorously promoting green technology investments while trying to limit their carbon footprint and reduce their exposure to other technologies.





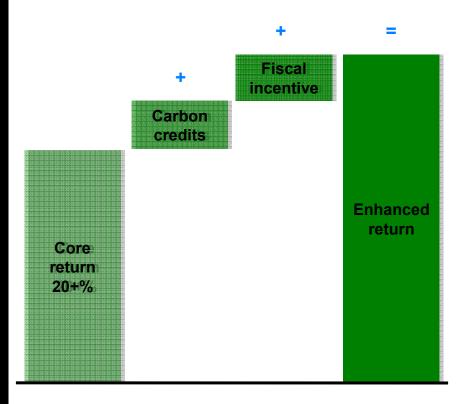


### investment thesis

- segments
  - Renewable Energy
  - Energy Efficiency
  - GHG remediation
  - Water management & treatment
- low risk
  - superior financial returns for similar risk profiles
  - proven state-of-the-art technologies
  - majority holdings or significant minority rights
  - not invest in R&D or "garage companies"
- stability
  - projects provide predictable cash flows
- proprietary deal flow



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# target sectors

### each fund has its specific sub-segmentation: this is a sample

### **Renewable Energy**

- •On-shore wind servicing
- Geothermal energy
- Small hydro
- •Bio-fuels

#### **GHG Remediation**

- Waste to energy
- •Waste management
- High-tech recycling

#### **Energy Efficiency**

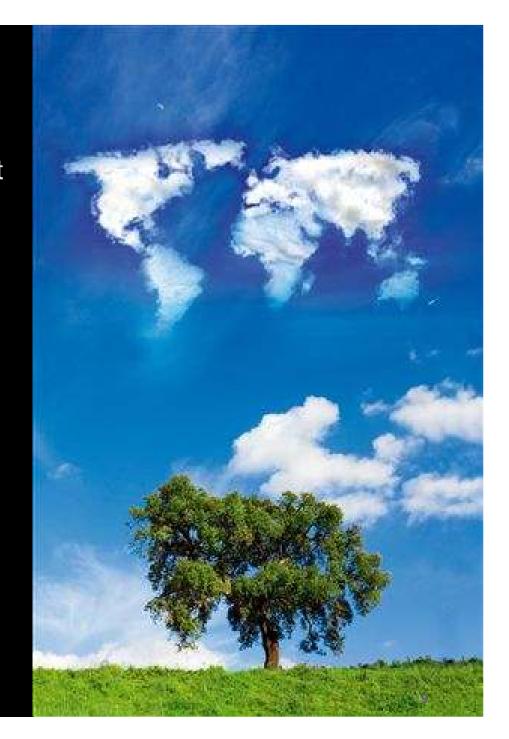
- Building control
- •Combined heat and power (CHP)
- •Ultra-efficient generators (gas, bio-diesel and ethanol)
- Lighting
- •Fuel cells

#### Water

- Control and management systems
- Waste water treatment

# exits

- sell to customers or put to management
- strategic sales to utilities
- strategic sales to industrial groups
- package and sell to infrastructure fund
- package and IPO
- cash flow securitization



# greenTEK team – head office - Switzerland

#### **Colin Turner**

20 years of experience in venture capital, operations, fund-raising and as legal counsel.

Worked across five continents on over 200 investments, acquisitions, listings and divestments in companies operating in high-tech, health-care and bio-technology.

- Non-Ex Chairman Attolight
- Inventages the "Nestle Fund" (Geneva, Switzerland)
- Intel Capital (Swindon, UK, Silicon Valley, USA and Munich, Germany)
- Motorola (London, UK and Chicago, USA)
- Clifford Chance (London and Kuwait)

MBA from INSEAD and Solicitor (Royal College of Law).

#### **Félix Cárdenas**

17 years of experience in technology sales, corporate business development, technology transfer and carbon finance.

- Co Founder of World Climate Credit Sarl (Switzerland)
- Director Business Development North America
  Norsk Hydro Aluminum and Oil & Energy
- Chairman Aluminum Institute IMEDAL
- Engineering and Quality Manager Ford Motor Company

Ph.D. Candidate Private Equity,

MBA EGADE Business School,

MIB NHH Norway, and

BSc. Mech. Eng. ITESM Mexico, UT Austin.

# greenTEK team - Mexico

#### Jorge L. Gage

25 years of regulatory and operational "Engineering, Procurement and Construction" experience in energy and water projects in both the public and private sectors.

- CEO Energy Systems of America (Mx)
- GM of Construtora Norberto Odebrecht
  - Off-shore PEMEX Cantarel Project
  - Minatitlán Refinery reconfiguration
  - El Cajón Dam
- •GM of Constructora Génova
- Staff at Mexico's Senate
- Secretariat of Social Development
- Mexico President's office

BSc. Agronomy<sup>1/</sup> from UAM and conducted studies in Economics at ITAM.

#### José E. Golffier

15 years of broad financial experience as a private equity and corporate investor, investment banker and CFO. Experience with local and cross-border transactions.

- AB to Mastretta and Procesa Chiapas
- CFO Energy Systems of America (Mx)
- Leader GE Capital's M&A LatAm group
  - Banco Colpatria, US\$1.0 billion
  - Banco Bamer, US\$120 million
- · Director Intel Capital Latin America
  - 10+ PE & VC transactions
- Banco Santander NYC & Mx
  - 10+ IPOs
  - 20+ IB transactions

MBA from The University of Texas at Austin and MBA and Industrial Engineering degrees from ITESM.

# greenTEK team - South Africa

#### **Dieter Ammer**

18 years experience investing in Private Equity, focused on renewable energies

Over 20 Private Equity deals since 1993, including: Leybold Optics, Lichtblick, Epuron and Choren

Highly successful career including co-founder of Conergy AG (1998)

Chairman of TriVest

Economics at the Universities of Kiel, Montpellier (France) and Freiburg

#### **André Stürmer**

Broad experience across financial sector JP Morgan in London and Johannesburg

Since 2009, managing director of the South African private, growth equity firm TriVest

Experience: fund-raising, deal-sourcing, investment operations and providing 'hands-on' portfolio management

His work has included for the South African government, Eskom and major banks

Master degrees in Economics at the University of Freiburg and an MBA from IESE Business School in Barcelona

#### **Niels von Hase**

Broad experience working with large and mid-cap multi-national and South African companies

Since 2009, finance director of TriVest

Experience: finance, due diligence, structuring investments, and providing 'hands-on' support to portfolio companies

Master degrees in Commerce (Accounting) and Business Science (Finance) at the University of Cape Town, registered Chartered Accountant (SA)

# combined experience

- 50 years of PE & Principal investing experience
  - 200+ PE transactions
  - 15+ IPOs and 30+ strategic sales
- extensive experience leading equity, debt and M&A deals
  - from US\$ millions to US\$ billions
- over 25 years of relevant operational experience
- leadership roles in world-class corporations
- thorough knowledge of the local energy and water industries, including:
  - regulation
  - key players
  - structures



### the fund

global fund commitments:

US\$750 million (US\$900 million cap)

investment period:

5 years (+2 one year extensions)

fund term:

10 years (+2 one year extensions)

geography:

12 key emerging countries

allocation between

funds:

no more than US\$150M in any one fund, no less than US\$40M

in any one fund

fund

within each fund, at most 60% in any of the four investment focus

areas

allocation:

at most the lower of 15% or US\$15million in any one investment

management fee: 2%

**GP's commitment:** 

2%

We invite you to invest!



# advisory board

	Board Positions:	FONADIN, NAFIN and FONDO DE FONDOS
Pedro Luis Pinsón		Association of Students in Economic and Commercial Sciences, Diálogo México A.C., Pro-Democracia A.C.
	Audit Commissioner:	Social Development Ministry, National Institute of Migration and Ministry of Foreign Affairs
	Board Positions:	Institute for Finance Executives' Corporate Governance Committee, and the Center for Excellence in Corporate Governance
Adalberto Palma		Union of Mexican Financing Institutions, and Mexico's Deposit Insurance Institute
	Senior Positions:	Banamex, Citibank and Bankers Trust
	Board & MD:	BASE and Global Energy Basel
Daniel	Adv. Board Member:	BMU's International Climate Initiative, World Climate Credit Sarl
Magallón	Experience:	Currently directs assignments for UNEP, World Bank, GEF, REEEP, IDB and German Government (BMU)
	Managing Director:	Gaia Global, a Finnish-Swiss strategic sustainability consultancy
Alain		MyClimate, a Swiss carbon finance, carbon offset projects in developing countries consultancy
Schilli	Experience:	20 years in sustainability, energy, climate change performance management, risk management and carbon management

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