

# FINANCING SUSTAINABLE ENERGY AND DEVELOPMENT

# OVER €2.5 BILLION COMMITTED IN THE LAST 10 YEARS FOR FINANCING THE FIGHT AGAINST CLIMATE CHANGE

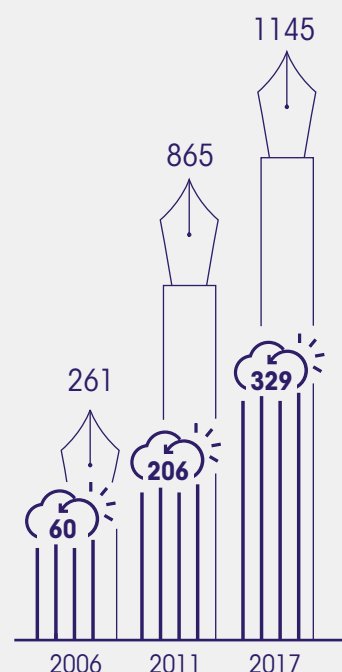
Since 2006, Proparco has been pursuing to an ambitious climate strategy and pledged 30% of its annual financing to climate mitigation projects. Proparco is among the most active Development Financial Institutions in the fight against climate change.



**AFRICA:  
ONE OF OUR  
KEY FOCUSES**

**€400 MILLION**  
INVESTED IN CLIMATE  
PROJECTS IN AFRICA  
SINCE 2006

## GROWTH IN CLIMATE-RELATED COMMITMENTS\* (€M)



■ CLIMATE □ TOTAL PROPARGO COMMITMENTS

\*Projects signed



**CLIMATE  
FINANCE  
HAS GROWN  
STEADILY  
OVER THE PAST  
10 YEARS:**

**+ 31%\*** per year  
in climate-related  
commitments

**8 GW** of renewable  
energy financed

Over **11 MILLION**  
TCO<sub>2</sub> avoided

\* Average annual growth rate

Sustained  
growth in our  
private equity<sup>1</sup>  
investments:

**€76 MILLION**

in companies and  
specialised funds  
since 2006

**STEADY  
DEVELOPMENT  
OF FINANCIAL  
INTERMEDIATION:  
24 DEDICATED  
CREDIT LINES,  
AUTHORISED SINCE 2006  
(€802 MILLION)**



**BOOSTING  
OUR LEVERAGE**

**+€300 MILLION** of additional financing  
raised from our partners since 2012



Friendship  
Facility DEG/FMO/PRO

# PROPARCO

## A CATALYST FOR CUSTOMER SOLUTIONS

### **VOLTALIA**

Independent producer of renewable energy (IPP)

—  
LATIN AMERICA, AFRICA



Small, fast-growing independent power producer (IPP) looking to raise funds on the capital markets.



"Catalyzer" of private sector investment.



Proparco was the cornerstone investor enabling the €170M capital raise for the IPP (quoted on Euronext Paris).

### **Solar FIT program**

—  
EGYPT



Clients willing to secure financing in a challenging macroeconomic context.



Major contribution to PPA bankability and to E&S action Plan



Financing a national renewable energy program on the largest international solar site (Benban 1.8 GW, 5 projects financed simultaneously for a total amount of US\$136M).

### **SENERGY**

Solar power plant

—  
SENEGAL



Project sponsor willing to secure debt financing in the most straightforward and quick way possible.



Providing a "one-stop shop" financing solution.



Unlike multi-lateral institutions and IFIs, Proparco can finance up to 100% of a project's debt requirements.

### **BPC**

Green bond

—  
MOROCCO



How to create a sustainable financing mechanism for banks to support long-term investments in green assets.



Channeling private institutional money to climate finance through capital markets.



First green bond issuance in foreign currency in Morocco.  
Proparco's first green bond investment in the region.

### **ITEZHI TEZHI**

Hydro project

—  
ZAMBIA



The construction of a 290 km transmission line was too expensive to be financed by the private sector alone.



Proposing an innovative financing solution.



Combining private financing provided by Proparco with sovereign debt to build the transmission line.

### **Guarantees for off-grid projects**

—  
AFRICA



Investors willing to develop off-grid energy projects with high impacts but highly risky at early stage.



Sharing risk with the European Union.

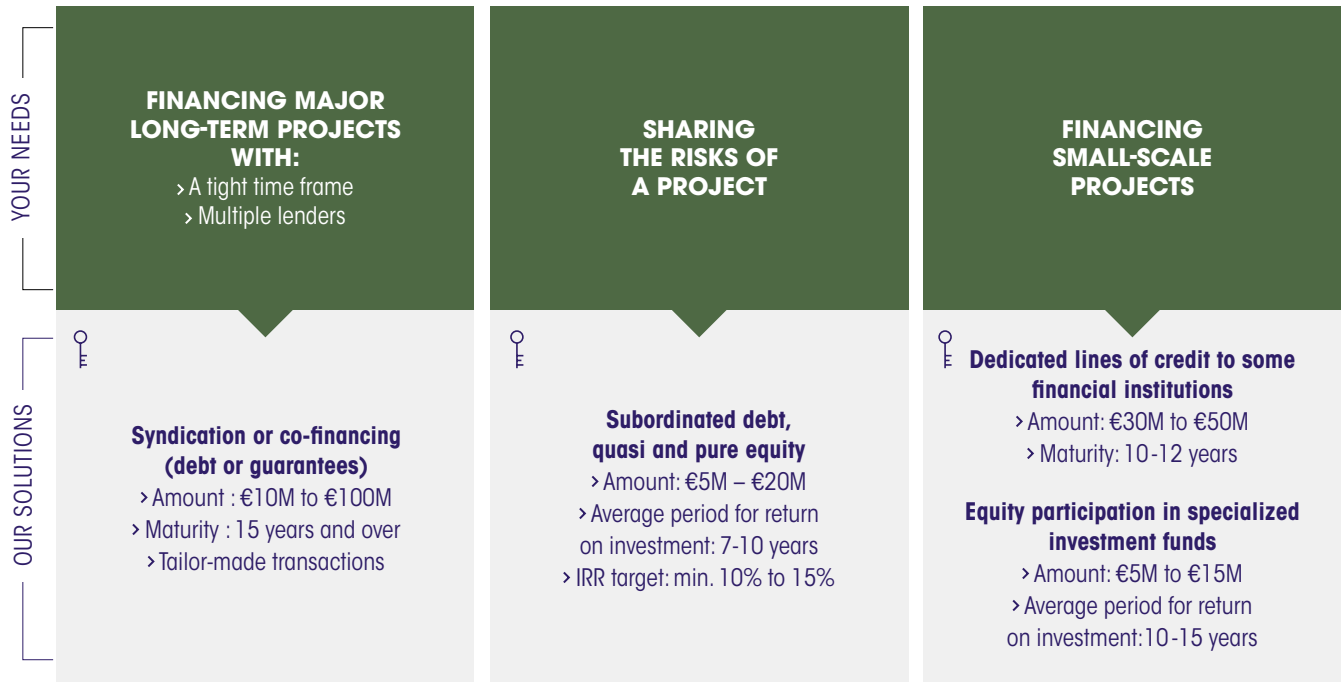


Proparco has set up a guarantee facility for its future equity investments, capped at €10M.

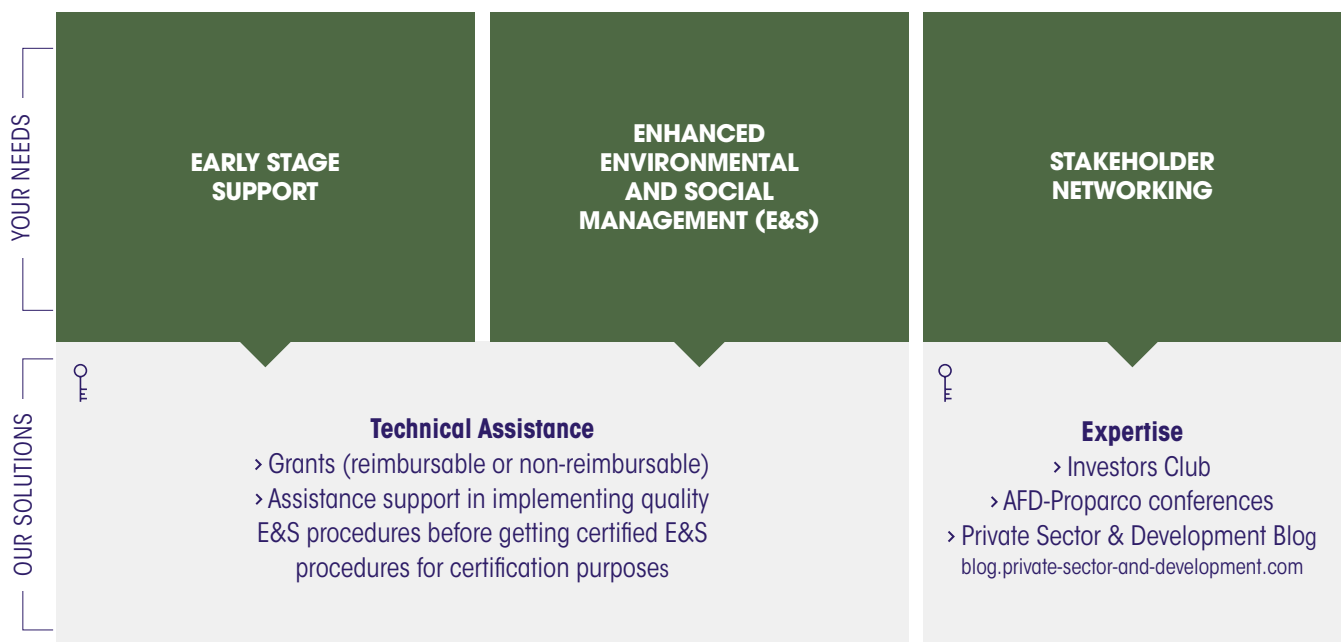
# FINANCIAL OFFER AND SOLUTIONS



## FINANCIAL OFFER



## EXTRA-FINANCIAL OFFER



## Our main focuses



### RENEWABLE ENERGY PRODUCTION

> Projects that aim to produce energy from renewable sources.

WIND, SOLAR, HYDRO, BIOGAS, BIOMASS, ETC.

### ENERGY EFFICIENCY

> Projects that aim to reduce consumption of conventional energy.

BUILDING, INDUSTRIAL PROCESSES, TRANSPORT, ETC.



### ACCESS TO ENERGY

> Projects providing energy access in remote regions.

RURAL ELECTRIFICATION, OFF-GRID FINANCING FACILITY, ETC.



### ADAPTATION

> Projects that aim to help populations adapt to climate change constraints.

TECHNOLOGIES THAT HELP TO REDUCE WATER CONSUMPTION OR ADAPT TO WATER STRESS.

# OVER 100 PROJECTS FUNDED

Across all renewable energy sectors since 2006



#### LEGEND

- Solar
- Hydro
- Wind
- Other energies
- Equity
- Financial intermediation



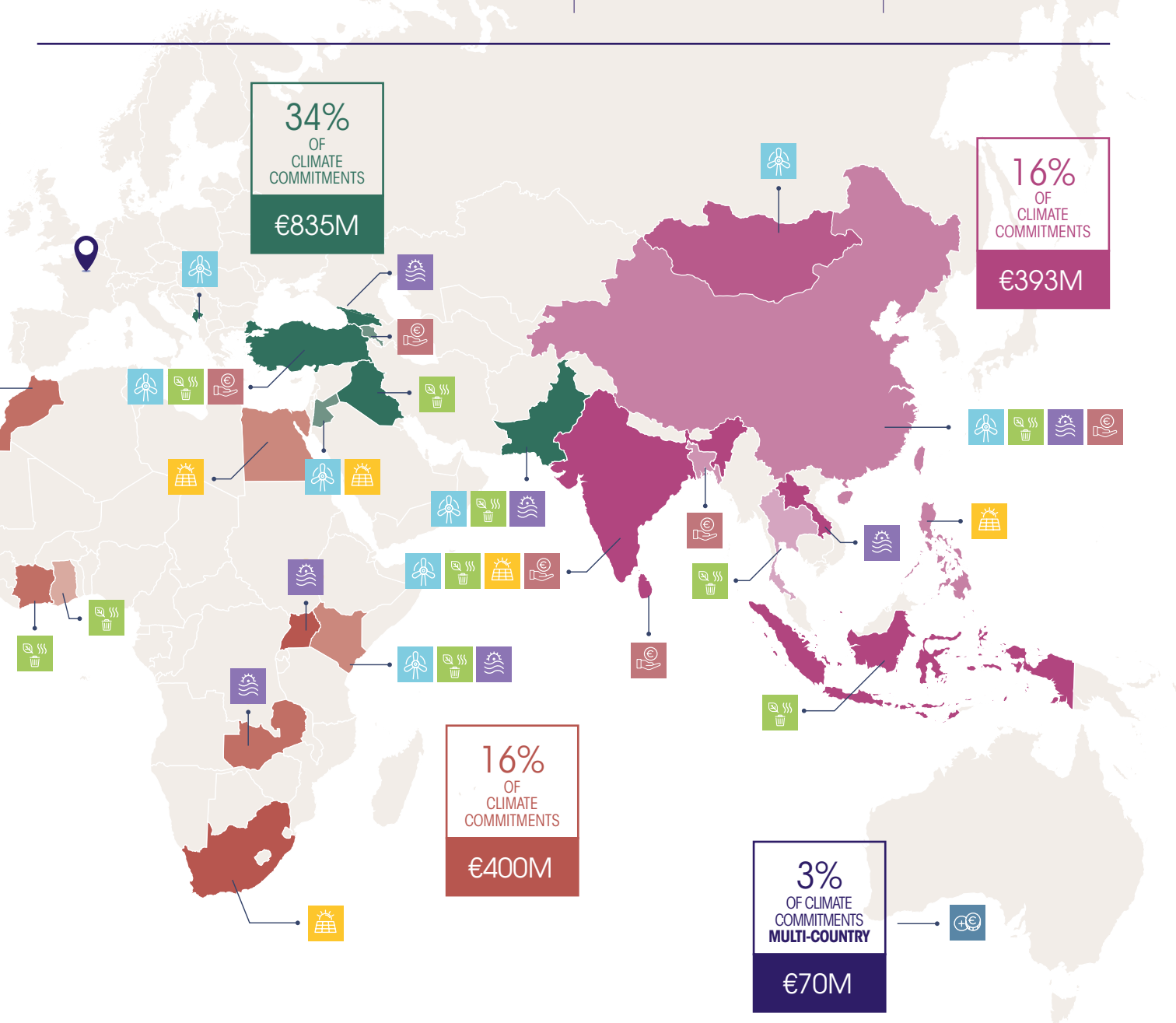
€2.5 BILLION  
committed



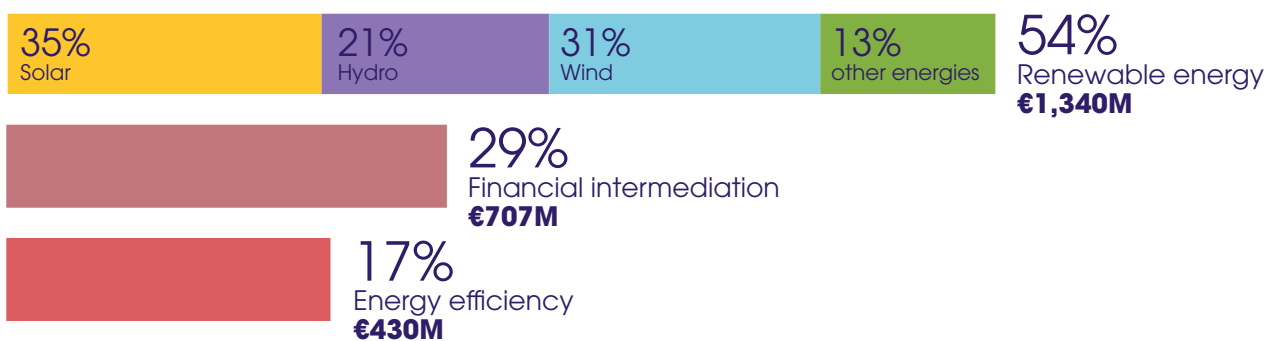
120  
projects
















28  
countries



## DIVERSIFIED OPERATIONS



 <b>WIND</b>	 <p>50 MW Dominican Republic • 2017 Senior Loan &amp; Mezz. USD 17m</p>	 <p>215 MW Brazil • 2016 Equity EUR 15m</p>	 <p>86 MW Jordan • 2016 Arranging Senior Loan USD 136m</p>	 <p>129 MW Peru • 2015 Arranging Senior Loan USD 66m</p>	 <p>72 MW Montenegro • 2015 Mezzanine EUR 20m</p>	 <p>80 MW Costa Rica • 2015 Senior Loan USD 50m</p>	 <p>50 MW Pakistan • 2015 Senior Loan USD 18m</p>
	 <p>300 MW Kenya • 2014 Senior Loan EUR 50m</p>	 <p>300 MW Kenya • 2014 Senior Loans EUR 50m</p>	 <p>36 MW Turkey • 2010, 2012 &amp; 2014 Senior Loans EUR 41m</p>	 <p>186 MW India • 2013 Equity INR 825m</p>	 <p>VESA 50 MW Honduras • 2013, 2017 Senior Loan USD 95m</p>	 <p>50 MW Uruguay • 2013 Arranging Senior Loan USD 39m</p>	 <p>44 MW Nicaragua • 2012 Senior Loan USD 27m</p>
 <b>SOLAR</b>	 <p>2 projects of 63 MW each Egypt • 2017 Senior Loans USD 56m</p>	 <p>2 projects of 65 MW each Egypt • 2017 Senior Loans USD 56m</p>	 <p>32 MW Egypt • 2017 Senior Loan USD 25m</p>	 <p>254 MW Brazil • 2017 Arranging Senior Loan EUR 90m</p>	 <p>2 projects of 30 MW each Senegal • 2016 Arranging Senior Loans EUR 58m</p>	 <p>67 MW Jordan • 2016 Senior Loan USD 35m</p>	 <p>Solar Home Systems India • 2016 Equity USD 1m</p>
	 <p>Off-grid Guatemala • 2016 Convertible Bonds USD 2m</p>	 <p>80 MW Salvador • 2016 Senior Loan USD 30m</p>	 <p>378 MW India • 2013 &amp; 2015 Equity USD 18m</p>	 <p>Solar Home Systems Multicountry • 2015 Convertible loan &amp; Equity EUR 1m</p>	 <p>3 projects 40 MW Jordan • 2014 Senior Loans USD 50m</p>	 <p>2 projects 50 MW Honduras • 2014 &amp; 2016 Senior Loans USD 29m</p>	 <p>50 MW Chile • 2013 Senior Loan USD 24m</p>
	 <p>50 MW South Africa • 2012 Senior Loan ZAR 264m</p>	 <p>40 MW Peru • 2011 Mezzanine USD 7m</p>					
 <b>HYDRO</b>	 <p>2 Projects totaling 21 MW Uganda • 2017 Unfunded risk participation USD 19m</p>	 <p>27 MW Georgia • 2017 Senior Loan USD 8.6m</p>	 <p>16 MW Kenya • 2015 Senior Loan USD 15m</p>	 <p>120 MW Zambia • 2014 Senior Loan USD 36m</p>	 <p>Zambia • 2014 Senior Loans USD 20m</p>	 <p>54 MW Brazil • 2013 Senior Loan EUR 30m</p>	 <p>20 MW Panama • 2012 Equity USD 7.5m</p>
	 <p>149 MW Brazil • 2011 Senior Loans EUR 40m</p>	 <p>280 MW (expansion) Lao PDR • 2009 Arranging Senior Loan USD 40m</p>	 <p>250 MW Uganda • 2006 Senior Loan &amp; Mezzanine USD 60m</p>	 <p>1,070 MW Lao PDR • 2005 Senior Loan USD 30m</p>	 <p>58 MW Panama • 2011 Senior Loan &amp; Mezzanine USD 35m</p>	 <p>84 MW Pakistan • 2009 Senior Loan USD 26m</p>	 <p>78 MW China • 2006 Senior Loan USD 10m</p>
 <b>OTHER ENERGIES*</b>	 <p>111 MW CCGT (expansion) Ivory Coast • 2013 Senior Loan EUR 50m</p>	 <p>139 MW CCGT (expansion) Ivory Coast • 2012 Senior Loan USD 55m</p>	 <p>110 MW CCGT (expansion) Ghana • 2012 Senior Loan USD 20m</p>	 <p>120 MW CCGT (expansion) Indonesia • 2012 Arranging Senior Loan USD 27.5m</p>	 <p>Biomass cogen Indonesia • 2011 Senior Loan USD 10m</p>	 <p>64MW Geothermal Kenya • 2009 &amp; 2016 Senior Loans USD 18m</p>	 <p>36 MW Geothermal Nicaragua • 2010 Senior Loan USD 19m</p>
	 <p>Morocco • 2017 Green Bond EUR 35m</p>	 <p>Panama • 2017 Senior Credit Line USD 23m</p>	 <p>Sri Lanka • 2017 Senior Credit Line EUR 20m</p>	 <p>Turkey • 2017 Senior Credit Line USD 15m</p>	 <p><b>UE FACILITIES</b></p>	 <p>Transferability &amp; Convertibility Facility 2017 Subsidy program EUR 15m</p>	 <p>Renewable Energy Scale Up Facility Africa • 2016 EU delegated funds EUR 21m</p>

\*Biomass, geothermal energy, off-grid, waste to energy, energy efficiency.

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PROPARCO  
– a subsidiary of the Agence  
Française de Développement (AFD)  
dedicated to the private sector  
– has been supporting sustainable  
development for 40 years.

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