

# Renewable Energy Infrastructure

We take a detailed look at the renewable energy infrastructure industry, including fundraising, deals and investors. To arrange a demonstration of Preqin's [Infrastructure Online](http://www.preqin.com/infrastructure), please visit: [www.preqin.com/infrastructure](http://www.preqin.com/infrastructure)



## 14%

Proportion of aggregate renewable energy infrastructure deal value since 2011 accounted for by UK assets.



## 58%

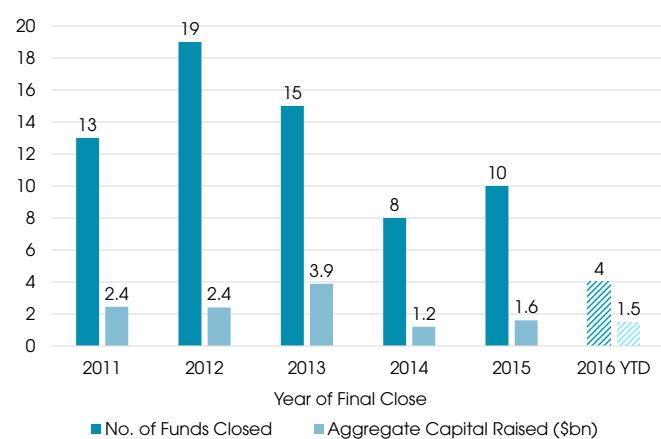
Proportion of renewable energy infrastructure deals completed in 2016 YTD for less than \$100mn, up from 45% in 2015.



## 64%

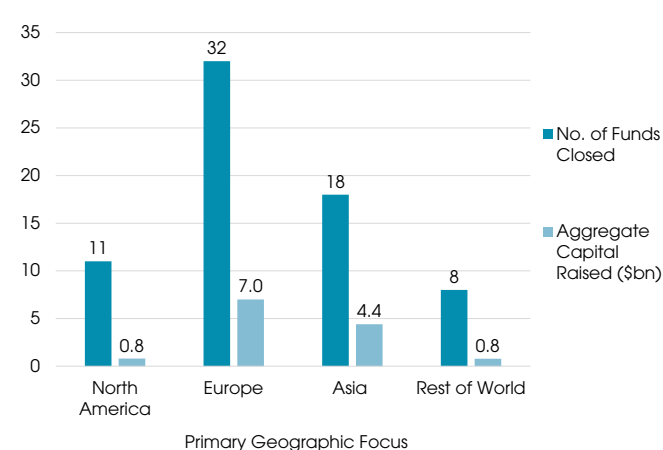
Proportion of renewable energy infrastructure deal value in 2016 YTD accounted for by greenfield assets.

**Fig. 1: Annual Renewable Energy-Focused Unlisted Infrastructure Fundraising, 2011 - 2016 YTD**  
(As at 24 August 2016)



Source: Preqin Infrastructure Online

**Fig. 2: Renewable Energy-Focused Unlisted Infrastructure Fundraising by Primary Geographic Focus, 2011- 2016 YTD**  
(As at 24 August 2016)



Source: Preqin Infrastructure Online

**Fig. 3: Five Largest Primarily Renewable Energy-Focused Unlisted Infrastructure Funds Closed, 2015-2016 YTD**  
(As at 24 August 2016)

Fund	Firm	Location	Final Close Size (mn)	Geographic Focus	Final Close Date
BlackRock Renewable Income EU Fund	BlackRock	New York, US	650 EUR	North America, West Europe	Aug-16
Guangdong Renewable Energy Industry Fund	Guangdong Oriental Millennium Renewable Energy Industry Fund Management	Guangdong, China	3,080 CNY	China	Sep-15
EUROFIDEME III	Mirova	Paris, France	350 EUR	Europe	Jun-16
NTR Wind 1 Fund	NTR Group	Dublin, Ireland	250 EUR	UK, Ireland	Feb-16
Enhanced Sustainable Power Fund 3	KGAL Real Investments	Munich, Germany	247 EUR	Global	Dec-15

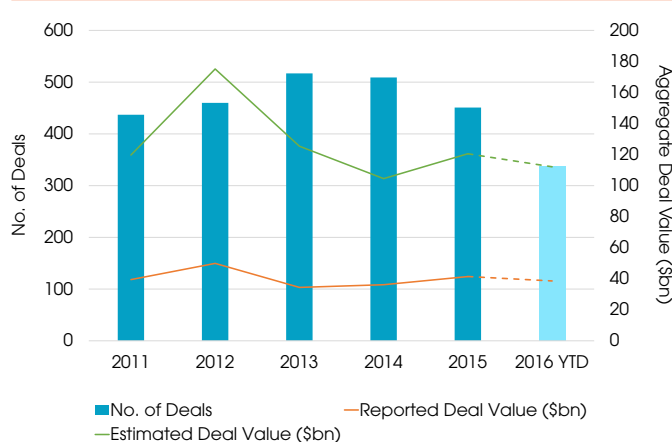
Source: Preqin Infrastructure Online

**Fig. 4: Five Largest Primarily Renewable Energy-Focused Unlisted Infrastructure Funds Currently in Market**  
(As at 24 August 2016)

Fund	Firm	Location	Target Size (mn)	Geographic Focus
Enhanced Sustainable Power Fund 4	KGAL Real Investments	Munich, Germany	500 EUR	Europe
Impax New Energy Investors III	Impax Asset Management	London, UK	500 EUR	Europe
Aviva Investors PiP Solar PV Fund	Aviva Investors	London, UK	250 GBP	UK
Aquila Renewables Fund III	Aquila Capital	Hamburg, Germany	300 EUR	Europe
Renewable Energy Infrastructure Fund II	Goodyields Capital	Munich, Germany	300 EUR	West Europe, Nordic

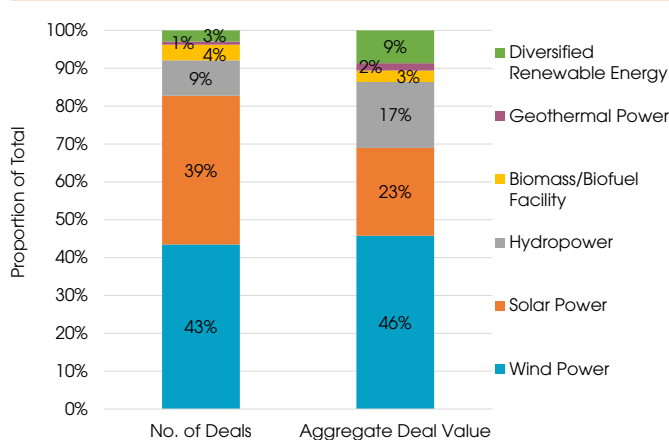
Source: Preqin Infrastructure Online

**Fig. 5:** Number and Aggregate Value of Renewable Energy Infrastructure Deals Completed Globally, 2011 - 2016 YTD (As at 24 August 2016)



Source: Preqin Infrastructure Online

**Fig. 6:** Completed Renewable Energy Infrastructure Deals by Industry, 2011 - 2016 YTD (As at 24 August 2016)



Source: Preqin Infrastructure Online

**Fig. 7:** 10 Largest Renewable Energy Infrastructure Deals Completed in 2016 YTD (As at 24 August 2016)

Asset	Location	Industry	Project Stage	Investor(s)	Deal Size (mn)	Stake (%)	Deal Date
Diga di Rogun Dam Project	Tajikistan	Hydropower	Greenfield	Impregilo	3,900 USD	100	Jul-16
Koysha Dam Project	Ethiopia	Hydropower	Greenfield	Impregilo	2,500 EUR	100	May-16
Baltic Srodkowy III Offshore Wind Farm	Poland	Wind Power	Greenfield	Kulczyk Investments	2,576 USD	-	Aug-16
Isagen	Colombia	Hydropower	Secondary Stage	Brookfield Renewable Energy Partners, Unidentified Investor/s	2,200 USD	57.6	Jan-16
Merkur Wind Project	Germany	Wind Power	Greenfield	ADEME, Deme Group, General Electric, InfraRed Capital Partners, Partners Group	1,600 EUR	100	Aug-16
Khulna Power Plant	Bangladesh	Geothermal Power	Greenfield	Bharat Heavy Electricals	1,600 USD	-	Feb-16
Welspun Renewables Energy	India	Renewable Energy	Secondary Stage	IDFC Alternatives	1,500 USD	-	Feb-16
1140MW Welspun Wind and Solar Assets	India	Renewable Energy	Secondary Stage	Tata Power	1,380 USD	100	Apr-16
Welspun Renewables Energy	India	Renewable Energy	Secondary Stage	Tata Power	92,490 INR	-	Jun-16
385MW Arkona-Offshore Wind Farm	Germany	Wind Power	Greenfield	E.ON, Statoil	1,200 EUR	100	Apr-16

Source: Preqin Infrastructure Online

**Fig. 8:** Sample Institutional Investors Seeking Renewable Energy Infrastructure Opportunities in the Next 12 Months

Investor	Type	Location	Investment Plans for the Next 12 Months
Daido Life Insurance	Insurance Company	Tokyo, Japan	Targeting renewable energy-focused unlisted infrastructure funds in developed markets, such as Europe and North America.
DSM Pension Services	Private Sector Pension Fund	Heerlen, Netherlands	Will invest €100mn across two or three unlisted infrastructure funds, targeting renewable energy opportunities in OECD countries.
St. Lawrence University Endowment	Endowment Plan	New York, US	Looking to invest in infrastructure in the next 12 months, with a preference for energy and renewable resources.

Source: Preqin Infrastructure Online