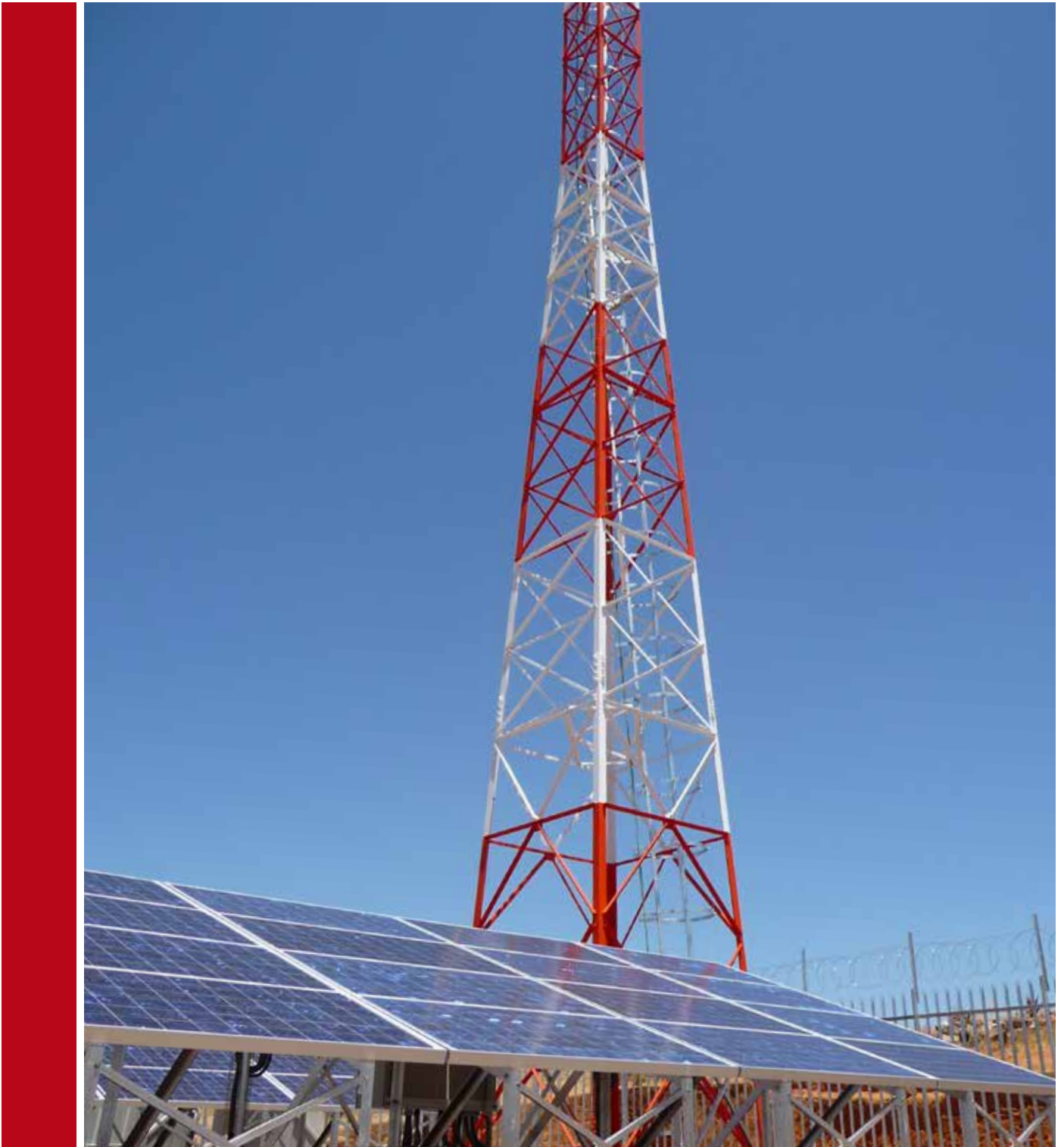


Track Record

# Telecommunication projects involved



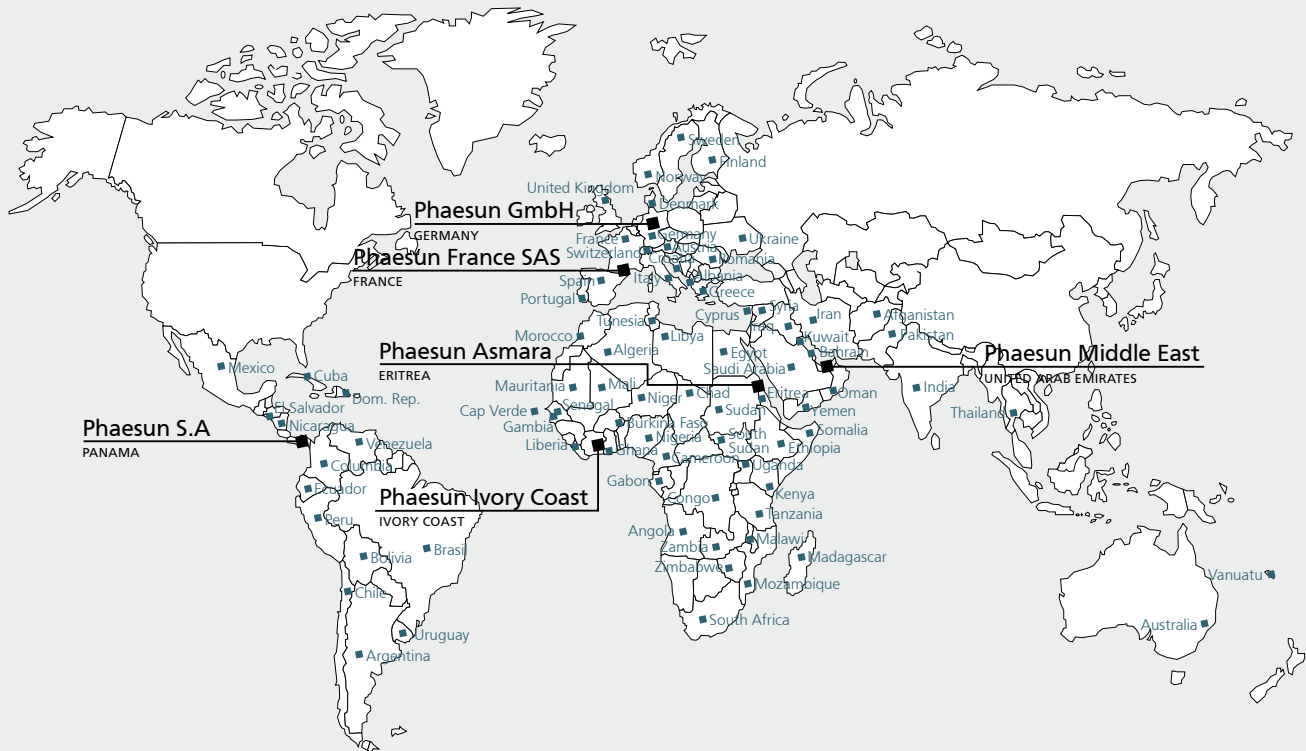
# Telecommunication projects involved

Year	Location	Customer	Description of the project	kWp
2001	Chad	SCAC	1 power pack for radio repeater	1.2
2002	South Africa	Telekom SA	1200 MSX53 modules	63.0
2002	Cabo Verde	Cap Vert Telecom	9 generators for repeaters	10.8
2002–2004	Equatorial Guinea	Getesa	10 generators 4 to 10 kWc/1500 to 3500 Ah battery banks	134
2002	Sudan & Egypt	Sudan Telecom	Fibre optic Project	25
2002	Sudan	Sudan Telecom	VSAT telecom systems	26
2003	Burkina	Onatel	120 solar power pack for repeaters, 2 BTS stations	33.2
2003	Uganda	Alcatel	3 generators/1500 Ah battery bank	10.5
2003	Sudan	Sudan Telecom	1 VSAT project, SR telecom expansion	179
2003	Sudan	Sudatel	SRT project	10.0
2003	Sudan	Sudan Telecom	Dongola project	58.4
2003–2005	Croatia	Siemens	Systems for GSM stations training of customer	11.0
2004	Burkina Faso	Onatel	6 BTS stations	52.0
2004	Equatorial Guinea	Coris	1 hybrid generator/5000 Ah battery bank and diesel genset 60 Kva	29.0
2004	Sudan	Sudan Telecom	Abu Hammed Project, Atbara-Port project	49.8
2004	Colombia	Ott Messtechnik GmbH + Co. KG	Power supply for weather data measurement stations	2.5
2005	Algeria	Ministère de la Défense	Supply of a solar system	80.0
2005	Tunisia	Tunisie Telecom	Air-conditioned shelters with photovoltaic systems	71.0
2005	Morocco	Meditel	GSM stations	183.0
2006	Morocco	Meditel	4 generators of 20 kWp, 3 generators of 1 kWp for GSM	80.0
2006	Algeria	Algerie Telecom	Generators PV telecom	19.0
2006	Burkina Faso	Onatel	11 GSM repeaters	80.4
2006	Sudan	Solar Man Co. Ltd	Power supply for telecom systems Karnatel	12.0
2007	Ethiopia	Ericsson AB	31 PV systems ETC 425K Project, 28 PV systems ETC 425K Project	409.2
2007	Burkina Faso	Onatel	3 systems for telecom base station	18.9
2008	Indonesia	Ericsson AB	52 solar generators for Telkomsel	299.6
2008	Surinam	EricssonAB	3 solar generators for Digicel	13.5
2008	Chad	Ericsson AB	1 solar generator	12.2
2008	West Africa	INEO Suez	ASECNA project – generators systems for VSAT equipment	42.3
2008	Greece	Positive Energy	Components for telecom systems	4.0

Year	Location	Customer	Description of the project	kWp
2009	West Africa	INEO Suez	ASECNA Project – 12 PV systems for VSAT equipment	75.6
2009	Sudan	Solar Man Co. Ltd	Telecom systems	26.4
2009	Algeria	Central Telecom	Telecom system	5.0
2009	Burkina Faso	Ikratos Africa	10 Telecom systems	85.0
2008–2009	Madagascar	Ocean Trade	49 sites for Telma Mobile	173.1
2009–2010	Morocco	Thales Communication	49 solar generators video surveillance	105.0
2010	Surinam	Ericsson	3 solar systems for telecom base stations	29.0
2010	Madagascar	Ocean Trade	7 sites for Telma Mobile	15.0
2010–2011	Papua New Guinea	Ericsson	93 solar arrays for telecom systems	180.0
2011	France	INEO	Upgrade Nema site	6.5
2011	Surinam	Ericsson	3 sites 1000 W	31.3
2012	Morocco	Thales Communication	Spare parts for telecom systems	–
2012	Surinam	Ericsson	7 solar generators 10530 Wp, 48 V, 1920 Ah for Digicel	77.2
2012	Madagascar	EDM	15 Solar generators 10530 Wp, 48 V, 1920 Ah	150.8
2012	Morocco	Schiele	35 Regulation units 2 x 155 A 48 V redundant for Maroc Telecom	–
2012	Panama	Ericsson	1 solar generator 3900 Wp for Digicel	3.9
2012	Surinam	Ericsson	4 solar power generators 15600 Wp for Digicel	62.4
2012	Panama	Ericsson	2 solar power generators 11700 Wp for Digicel	23.4
2013	Surinam	Ericsson	Two solar systems for telecom application	20.0
2013	Cameroon	Sélécom	3 repeater sites for telecom applications	0.5
2013	Surinam	Ericsson	5 solar systems for telecom applications	5.0
2014	Guinea Conakry	Selecom	2 telecom sites 180 W	4.8
2014	Burkina Faso	Schiele Maroc	Equipment for 65 telecom sites for Onatel	–
2014	Suriname	Ericsson	2 telecom sites 1500 W load	29.6
2015	Gabon	CTBTO	2 telecom sites, 6090Wp and 1160Wp	1.8
2015	Kenya	Ellipse	263 systems for Kenya national park	80

## Around the world:

Through the members of the Phaesun Group and our network of associated companies we have successfully supplied and managed hundreds of sustainable energy projects in more than 60 countries worldwide.



Phaesun's range of integrated services includes complete customized Off-Grid systems in the field of rural electrification, health care, telecommunications, education and water supply. We also have an extensive range of pre-configured kits. When designing our solar systems we always focus on ease of installation, minimal maintenance and long operating life. Systems are designed around readily available components, energy efficient loads, appliances and equipment. Local sourcing is our priority whenever it is possible.

- Countries in which Phaesun has successfully realised projects
- Phaesun and associated companies

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As a committed member, Phaesun is involved in all activities of:



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