



Green bond Impact Report

Issuance: 2019



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1 Introduction

Founded in 2004, Greenko Group, through our subsidiaries, develops and operates clean energy projects in India. Greenko's portfolio includes solar, wind, hydropower, natural gas, and biomass assets in India. Through these assets, the group generates and sells electricity to state utilities, private customers, and other electricity transmission and trading companies. Greenko also operates as an intermediate financing company for the development of clean energy projects. Greenko is headquartered in Hyderabad, India. Greenko has a vision of "Powering India with decarbonized, digitized & decentralized energy assets" and its mission is "building, owning & operating high-quality renewable energy assets by leveraging leading edge technologies for a stable and inclusive future". On Greenko's website, we disclose that we have an objective to be a responsible corporate citizen. This includes incorporating sustainability operationally and contributing to environmental and social impact in local communities. Greenko aims to achieve this objective through the generation of clean energy and the implementation of community programs centered on education, health, and environmental stewardship.

This report gives an overview of the allocation of green assets to Green Bond and describes the impact of the Green Bond on a project by project level. The issuance of the Green Bond is even further reinforcing Greenko's commitment to sustainable development.

2. Bond issuance details

Sl. No.	Details	
1.	Green Bond issuance Year	2019
2.	Bonds issued by	Greenko Solar Mauritius Limited
3.	Total amount	USD 1035 million
4.	Issue date	July, 2019
6.	ISIN	USV3855GAA86 USV3855GAB69

3. Sustainability and Greenko's Green Bond

Greenko recognizes that climate change is one of the most important issues the world is presently facing. Therefore, the transformation to a decarbonized, climate resilient, and circular economy is an important focus in Greenko's sustainability strategy. Our sustainability policies and sustainable business processes help us to reduce climate related and other environmental risks and to boost the development of sustainable alternatives.

Green Bonds are one of Greenko's initiatives to contribute to a more sustainable future. The proceeds are used to refinancing and funding projects that meet the criteria and have a positive impact on the environment by reducing the emissions of greenhouse gases and promoting the sustainable use of resources.

4. Greenko's Green Bond Framework

For the purpose of issuing a Green Bond, Greenko has developed a framework, which addresses the four key pillars of the Green Bond Principles (GBP): use of proceeds, the process for project selection, the management of proceeds, and reporting.

Greenko's Green Bond framework is published in Greenko's website <http://www.greenkogroup.com/>

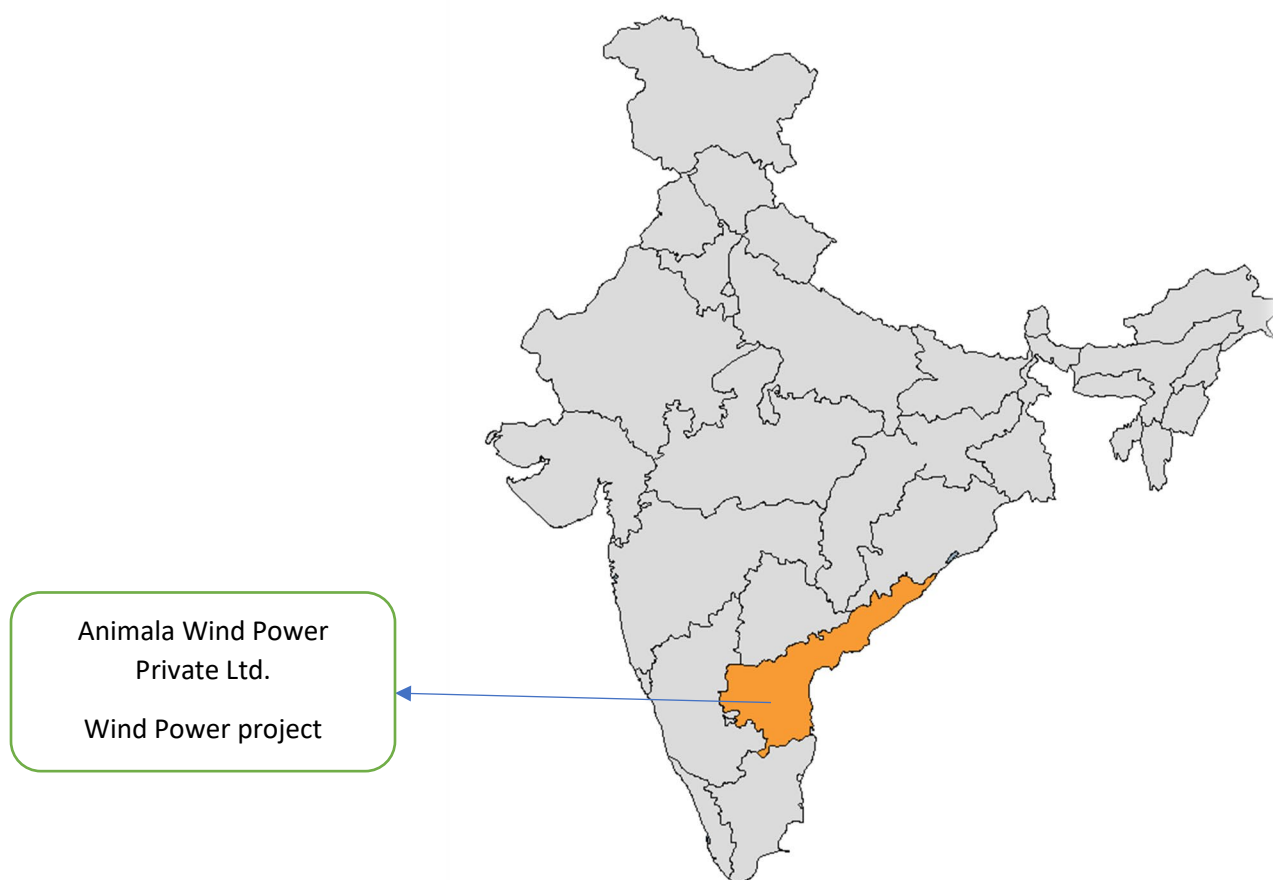
5. Greenko's Green Bond impact report

The table below summarizes the environmental benefits in FY 2020-21 related to the projects coming under this Green bond.

S.No.	Name of entity	Technology	Capacity MW	FY 20-21 Generation in MWh	Grid Emission factor	CO2 avoided (in MtCO2)
1	Animala Wind Power Private Ltd.	WIND	84	155460	0.820	0.127477
2	Axis Wind Farms (MPR Dam) Private Ltd	WIND	104	238350	0.820	0.195447
3	Saipuram Wind Energies Private Ltd.	WIND	102.5	194240	0.820	0.159276
4	Jilesh Power Private Limited	SOLAR	45	98730	0.820	0.080958
5	Achintya Solar Power Private Limited	SOLAR	20	43990	0.820	0.036071
6	Vishvarupa Solar Power Limited	SOLAR	10	20850	0.820	0.017097
7	Suvarchas Solar Power Private Limited	SOLAR	10	20530	0.820	0.016834
8	Grinibhrit Solar Power Limited	SOLAR	10	19480	0.820	0.016275
9	Zuka Power Private Limited	SOLAR	48	111160	0.820	0.091151
10	Skeiron Renewable Energy Kustagi Private Limited	WIND	50.4	142620	0.820	0.116948
11	Shanay Renewable Limited	WIND	21	59580	0.820	0.048855
12	Greenko Bercha Wind Power Private Limited	WIND	50	109760	0.820	0.090003
13	Greenko Jaisalmer Wind Energy Private Limited	WIND	39.9	58000	0.820	0.04756
14	Greenko DND Wind Power Private Limited	WIND	22.5	41430	0.820	0.033972
15	Greenko Maha Wind Energy Private Limited	WIND	34	67860	0.820	0.055645
16	Greenko Mamatkheda Wind Private Limited	WIND	160.5	289390	0.820	0.237299
17	Greenko Uravakonda Wind Power Private Limited	WIND	100.8	201930	0.820	0.165582
18	Greenko Agar Wind Power Private Limited	WIND	40	102980	0.820	0.084443
19	Greenko Charanka Solar Energy Private Limited	SOLAR	40	88120	0.820	0.072332
20	Greenko Suvaan Energy Private Limited	SOLAR	100	196090	0.820	0.160793
	Total		1092.6			1.854018

Project by project environmental benefit details are presented below.

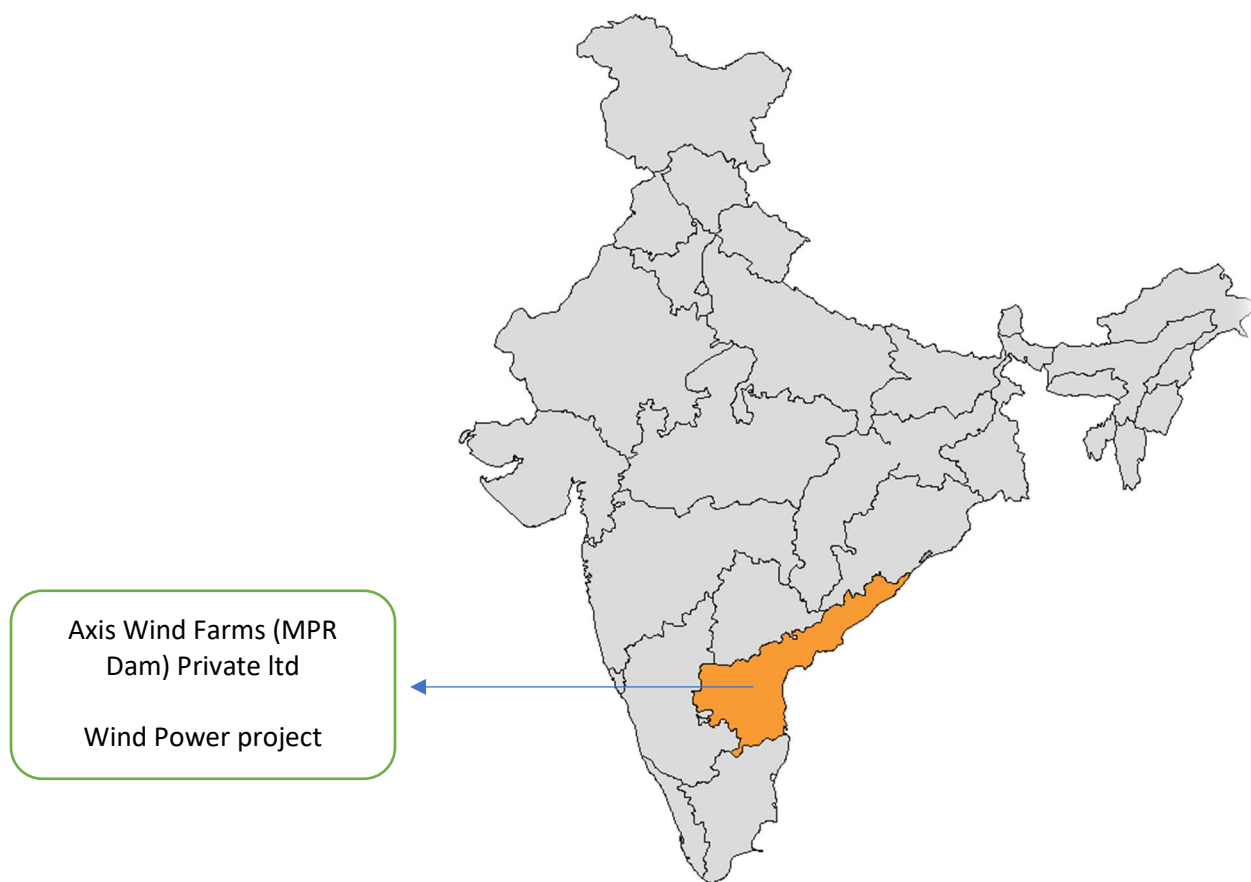
Project	Animala Wind Power Private Ltd.
Capacity in MW	84
State	Andhra Pradesh



GHG saving

Year	GHG avoided in Million tCO2
2020 – 2021	0.127477

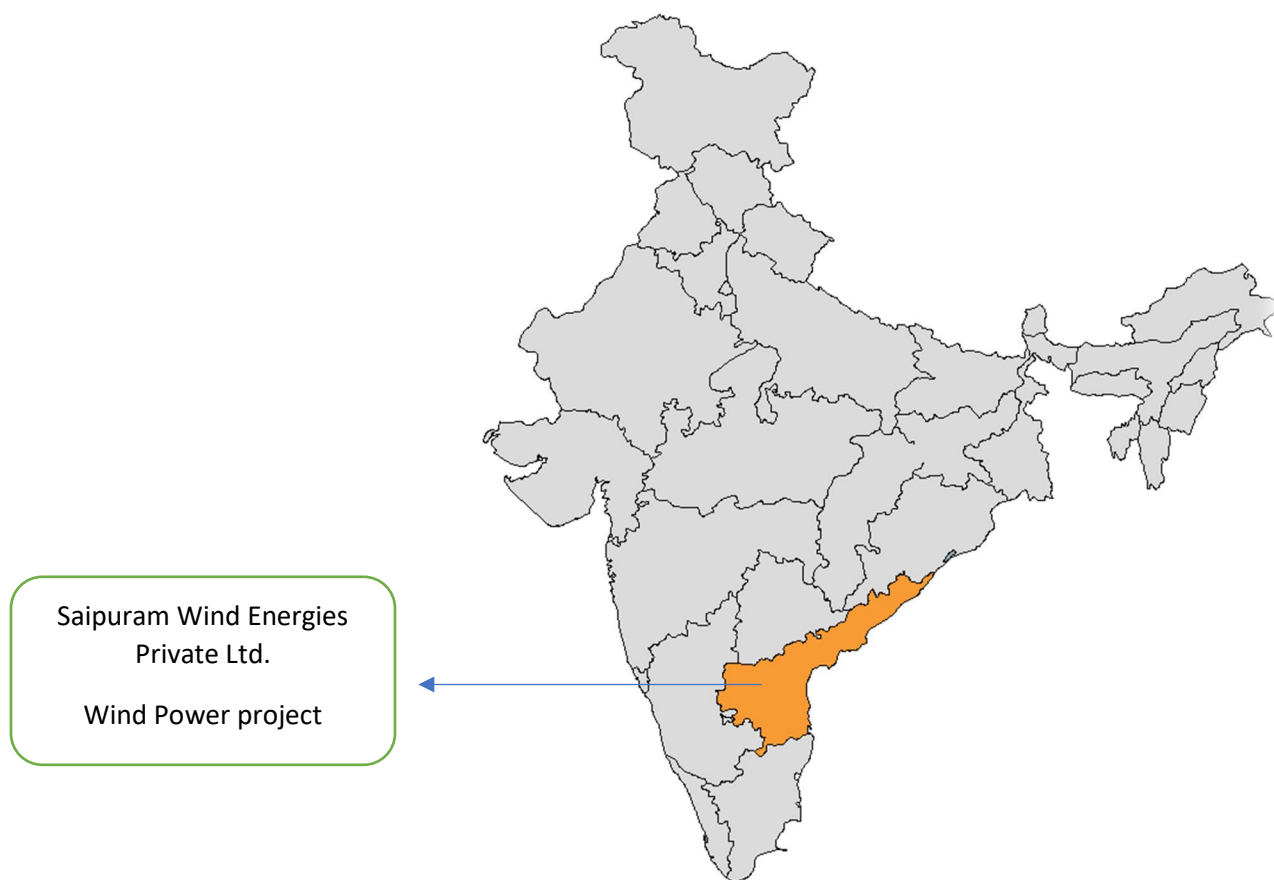
Project	Axis Wind Farms (MPR Dam) Private Ltd
Capacity in MW	104
State	Andhra Pradesh



GHG saving

Year	GHG avoided in Million tCO2
2020 – 2021	0.195447

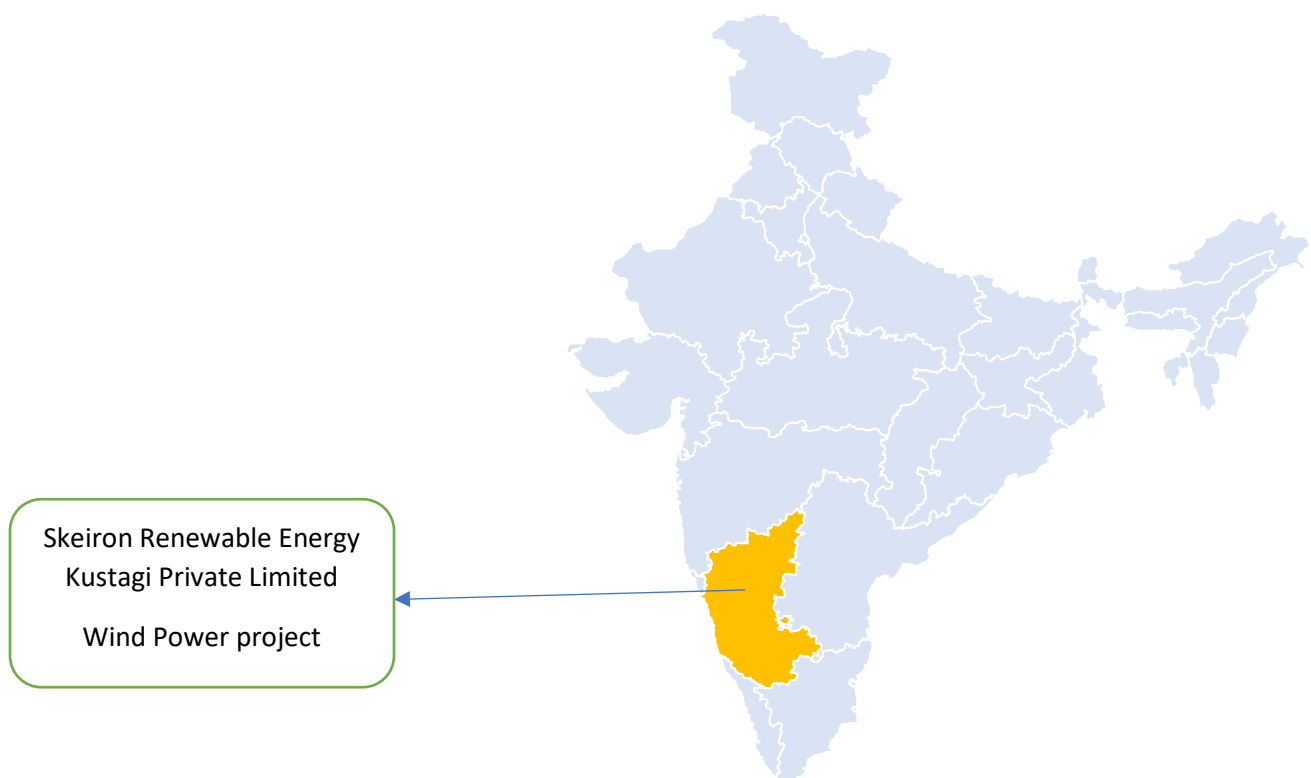
Project	Saipuram Wind Energies Private Ltd.
Capacity in MW	102.5
State	Andhra Pradesh



GHG saving

Year	GHG avoided in Million tCO2
2020 – 2021	0.159276

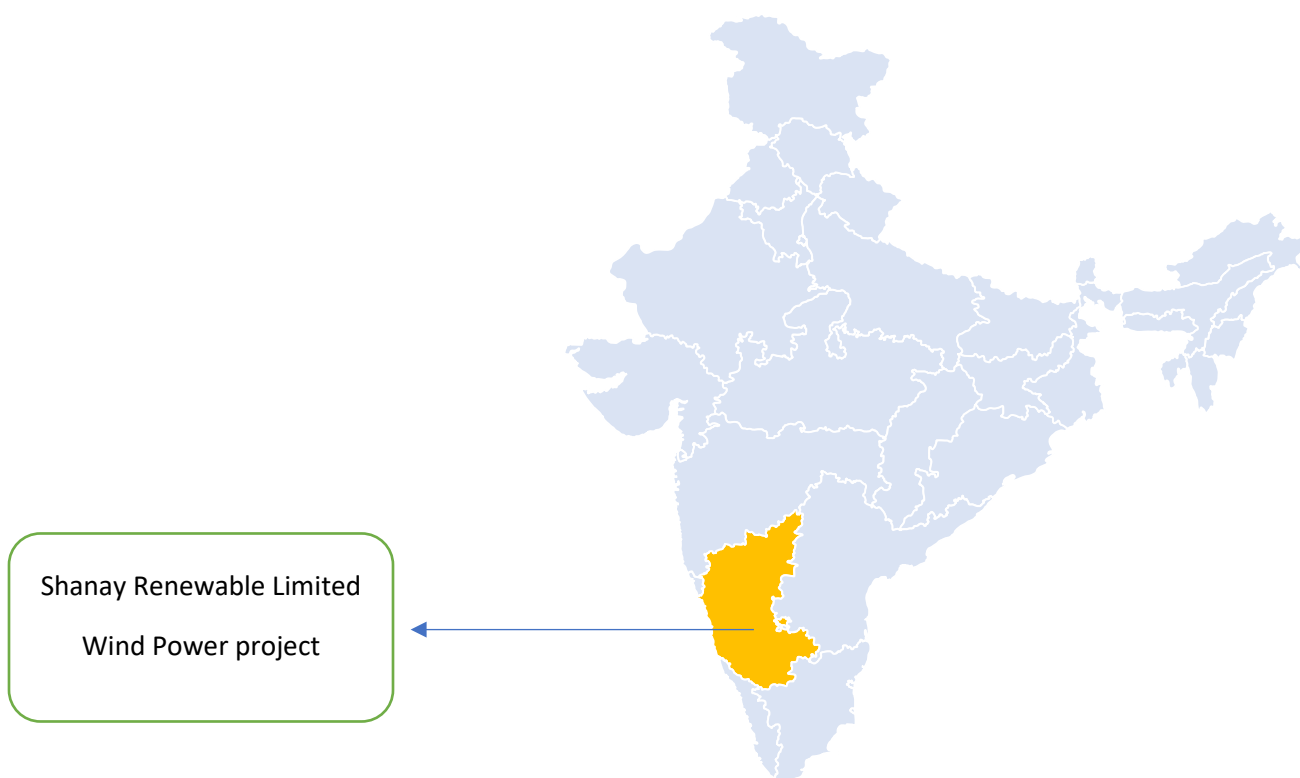
Project	Skeiron Renewable Energy Kustagi Private Limited
Capacity in MW	50
State	Karnataka



GHG saving

Year	GHG avoided in Million tCO2
2020 – 2021	0.116948

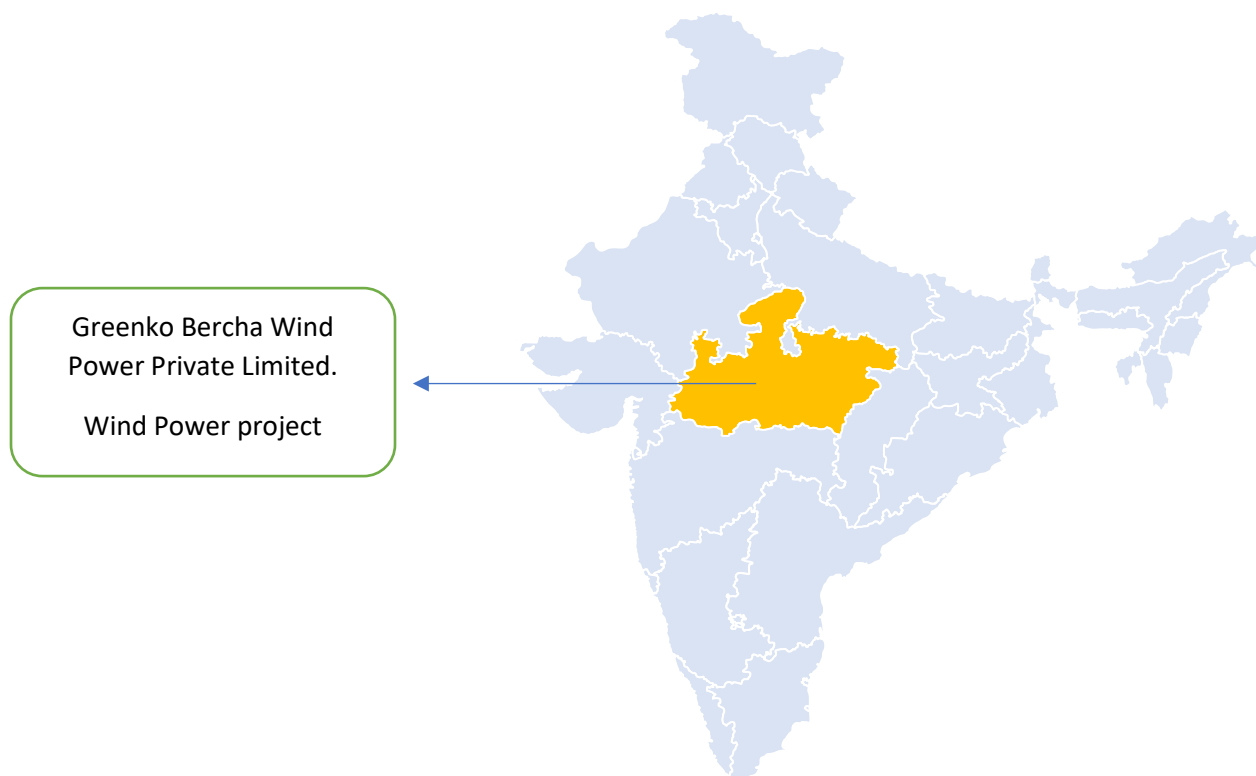
Project	Shanay Renewable Limited
Capacity in MW	21
State	Karnataka



GHG saving

Year	GHG avoided in Million tCO2
2020 – 2021	0.048855

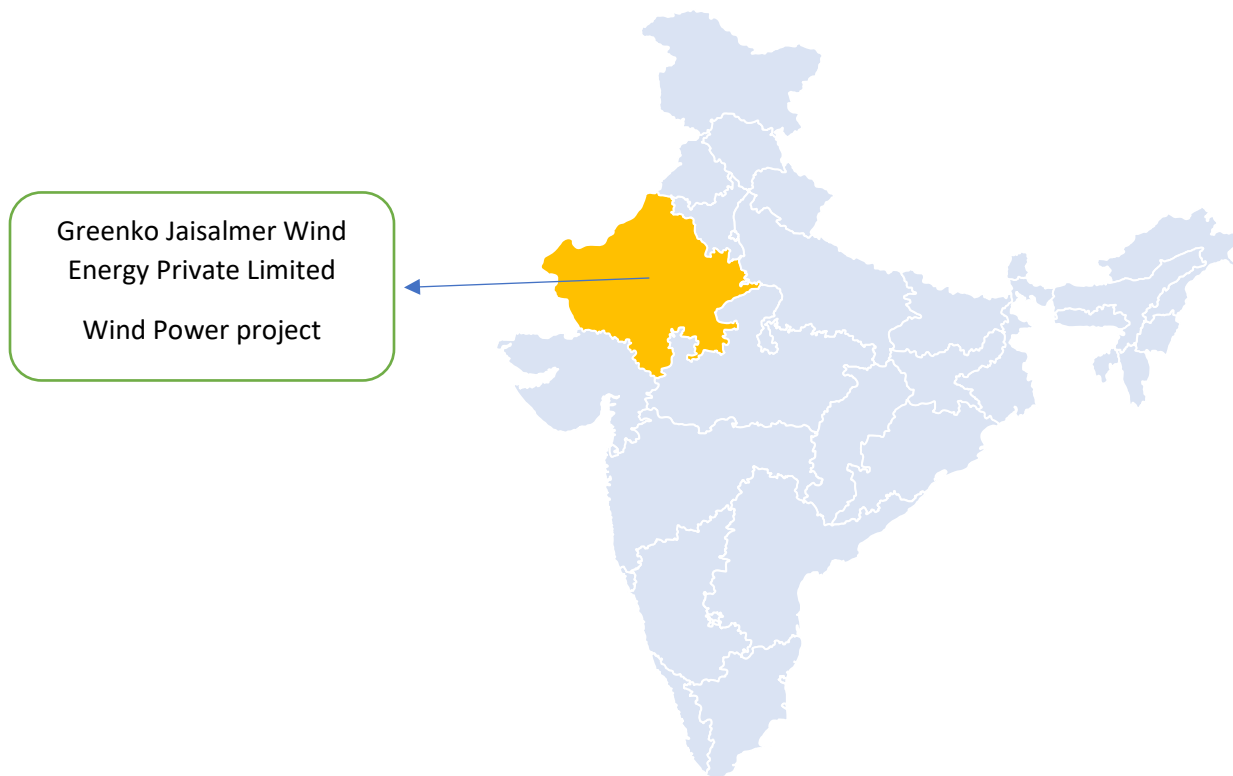
Project	Greenko Bercha Wind Power Private Limited
Capacity in MW	50
State	Madhya Pradesh



GHG saving

Year	GHG avoided in Million tCO2
2020 – 2021	0.090003

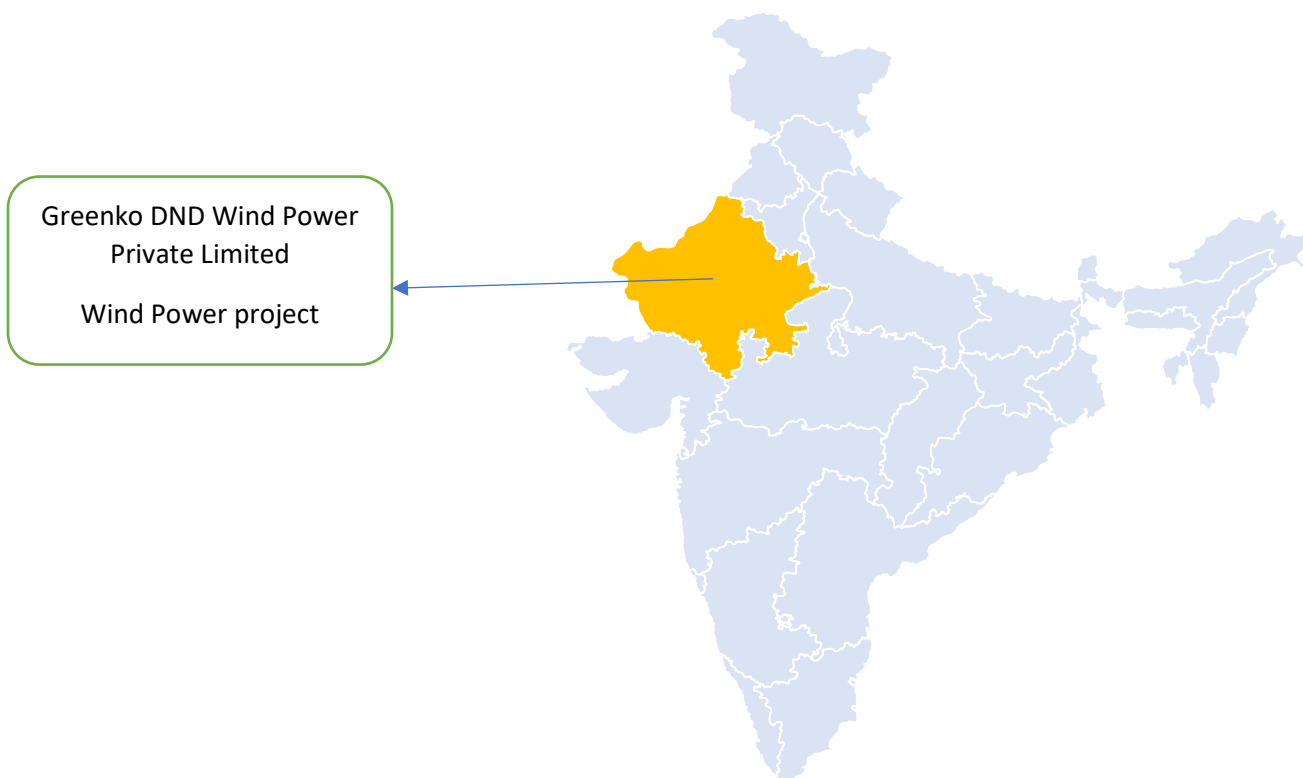
Project	Greenko Jaisalmer Wind Energy Private Limited
Capacity in MW	39.9
State	Rajasthan



GHG saving

Year	GHG avoided in Million tCO2
2020 – 2021	0.04756

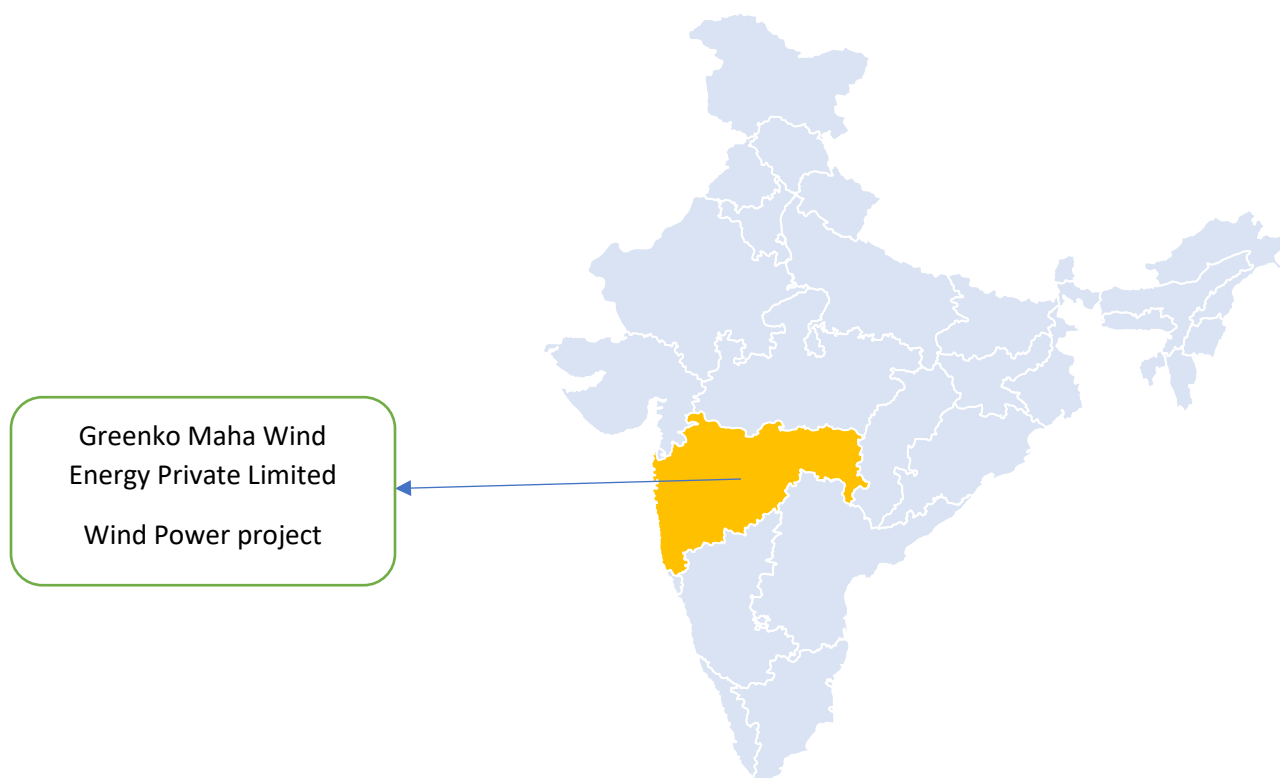
Project	Greenko DND Wind Power Private Limited
Capacity in MW	22.5
State	Rajasthan



GHG saving

Year	GHG avoided in Million tCO2
2020 – 2021	0.033972

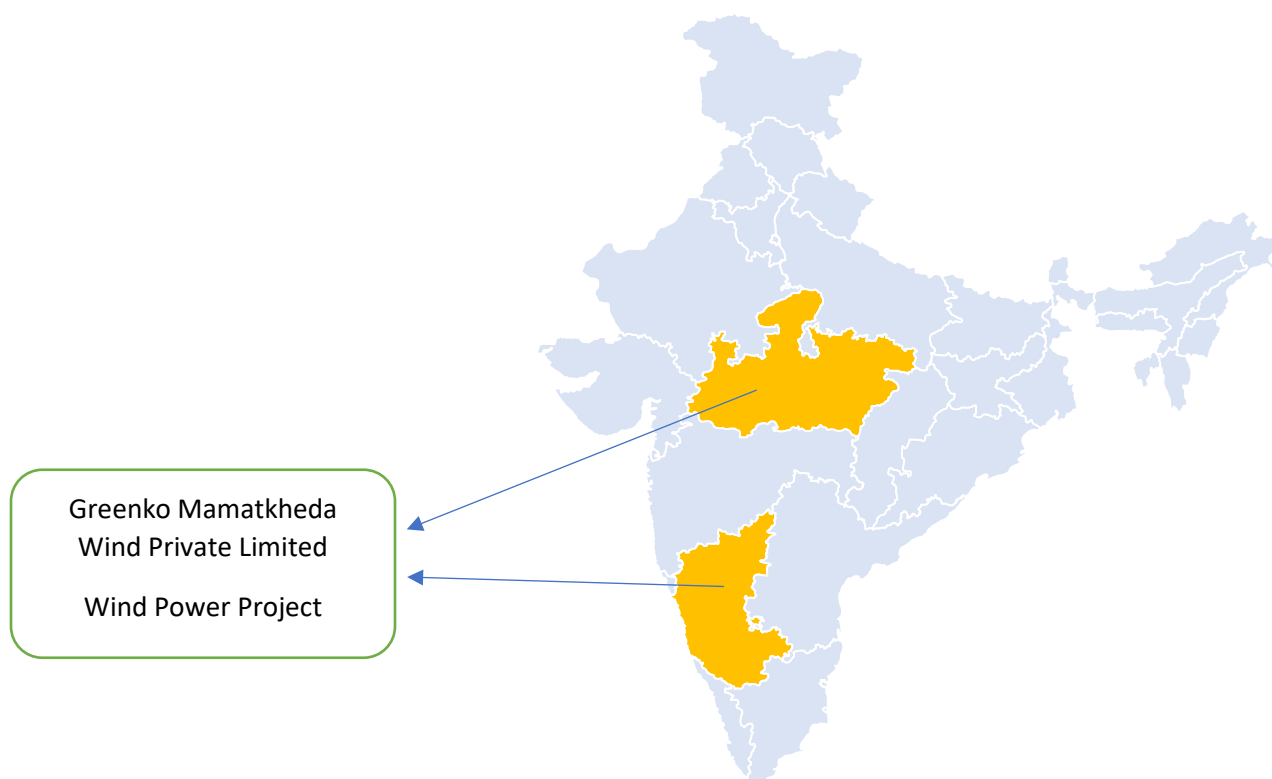
Project	Greenko Maha Wind Energy Private Limited
Capacity in MW	34
State	Maharashtra



GHG saving

Year	GHG avoided in Million tCO2
2020 – 2021	0.055645

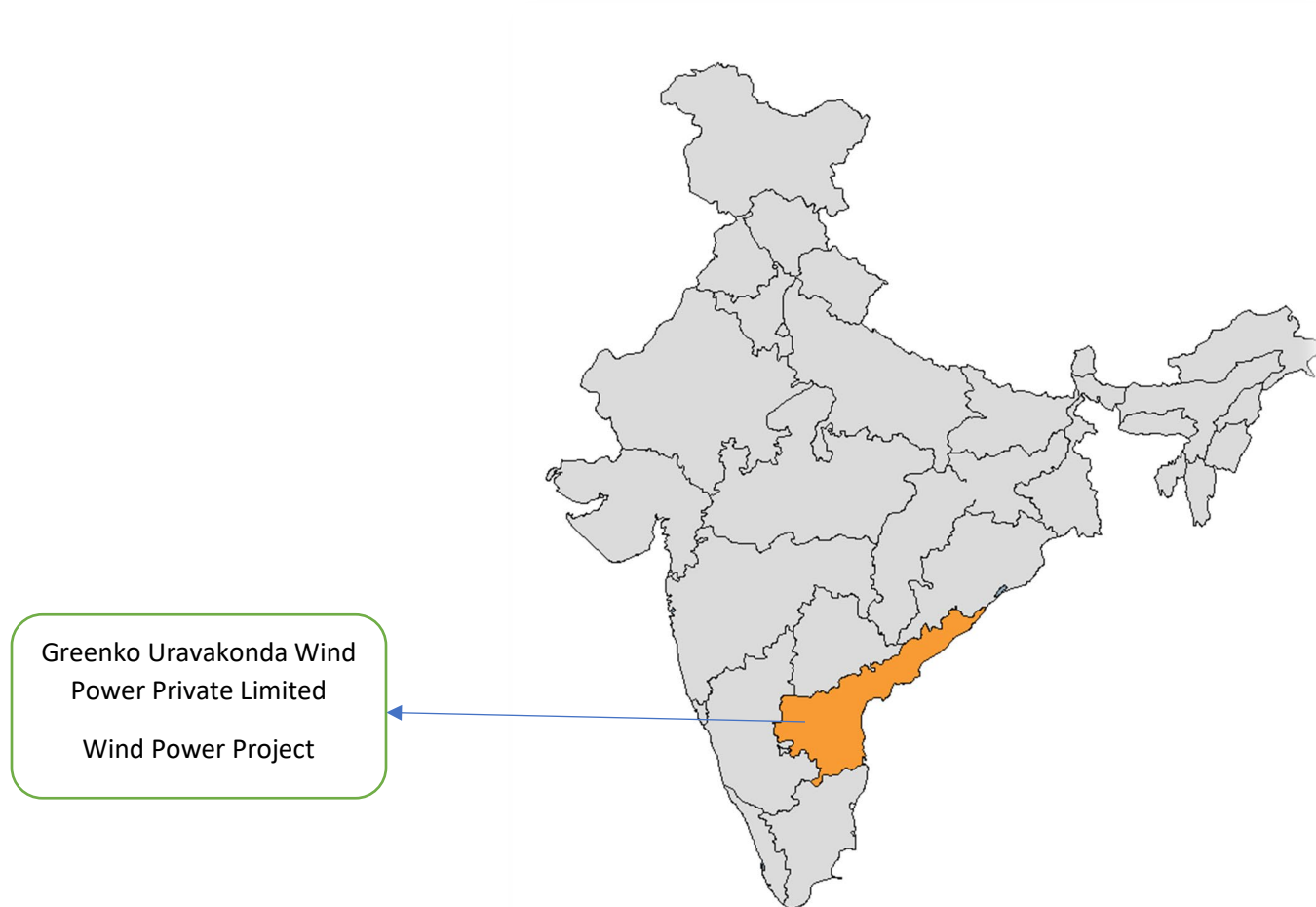
Project	Greenko Mamatkhedha Wind Private Limited
Capacity in MW	160.5
State	Karnataka and Madhya Pradesh



GHG saving

Year	GHG avoided in Million tCO2
2020 – 2021	0.237299

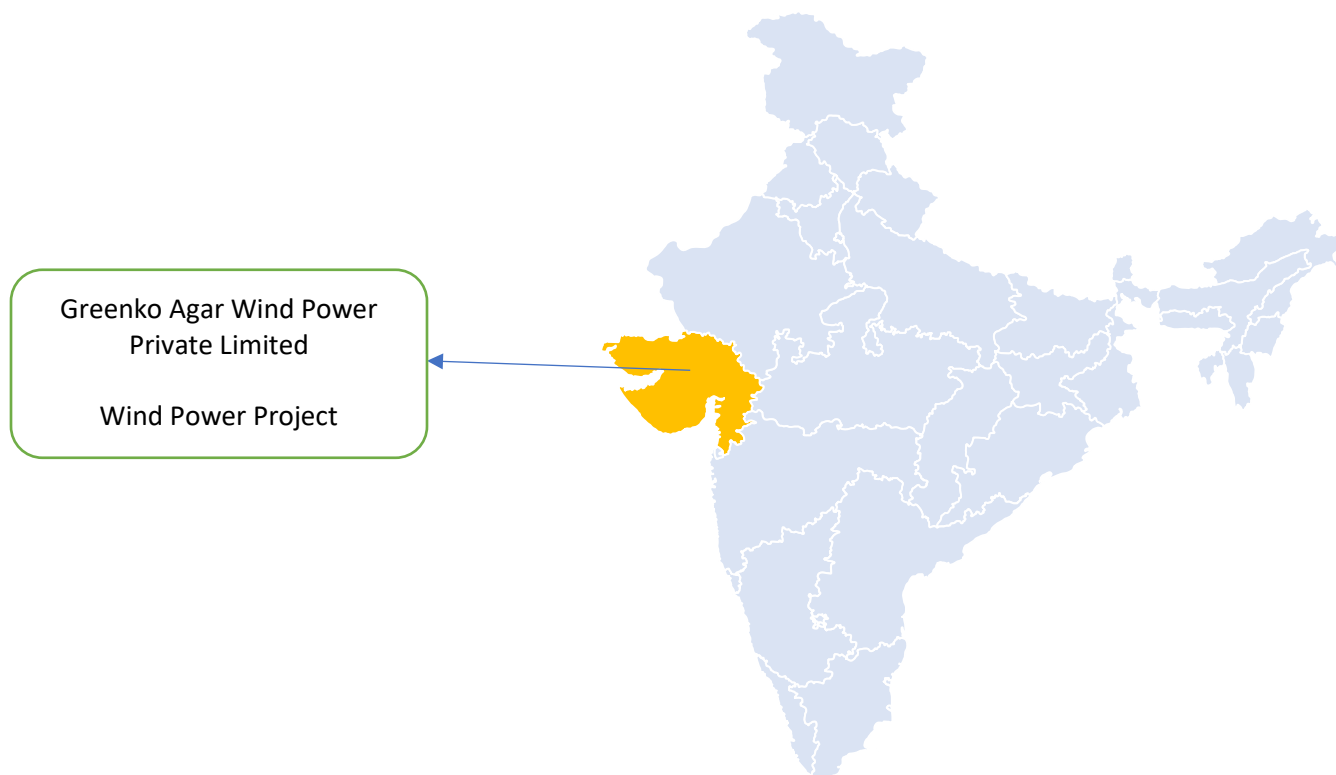
Project	Greenko Uravakonda Wind Power Private Limited
Capacity in MW	100.8
State	Andhra Pradesh



GHG saving

Year	GHG avoided in Million tCO2
2020 – 2021	0.165582

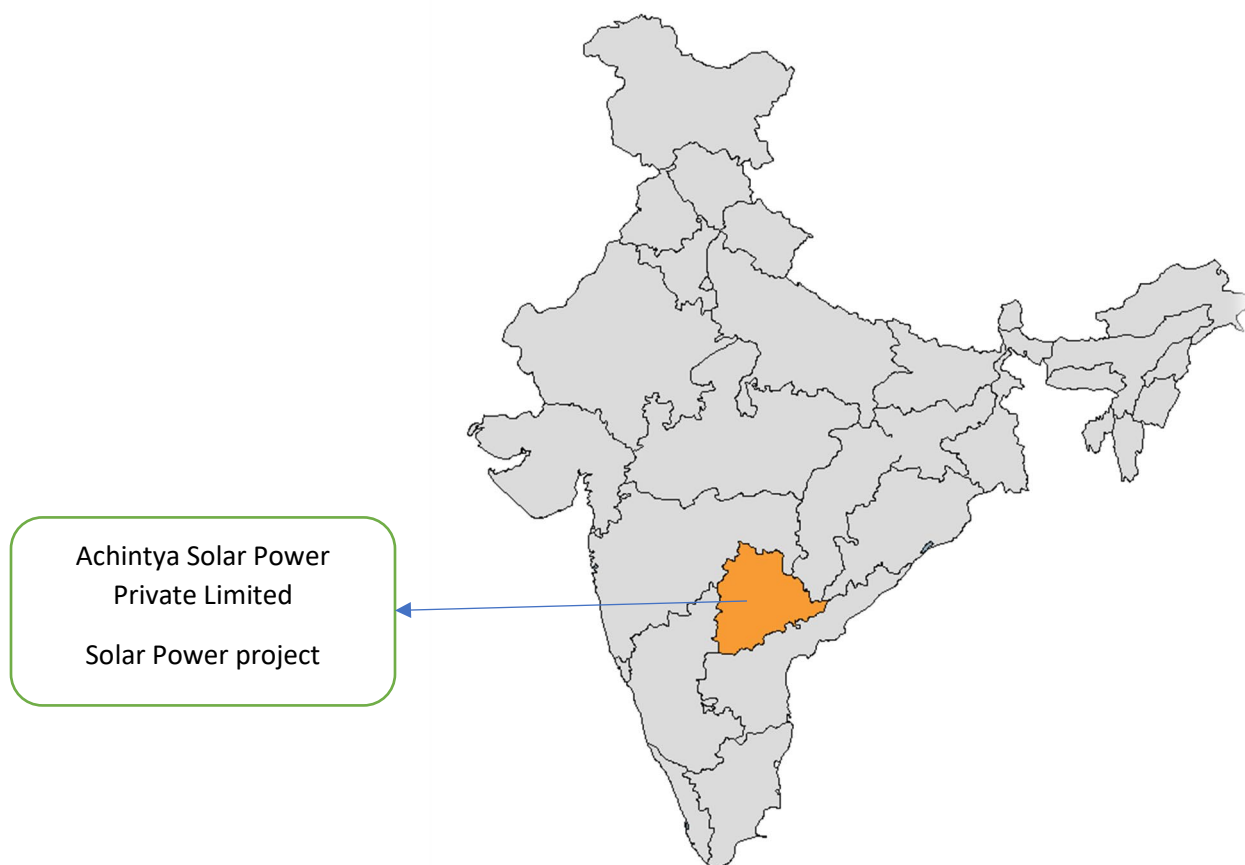
Project	Greenko Agar Wind Power Private Limited
Capacity in MW	40
State	Gujarat



GHG saving

Year	GHG avoided in Million tCO2
2020 – 2021	0.084443

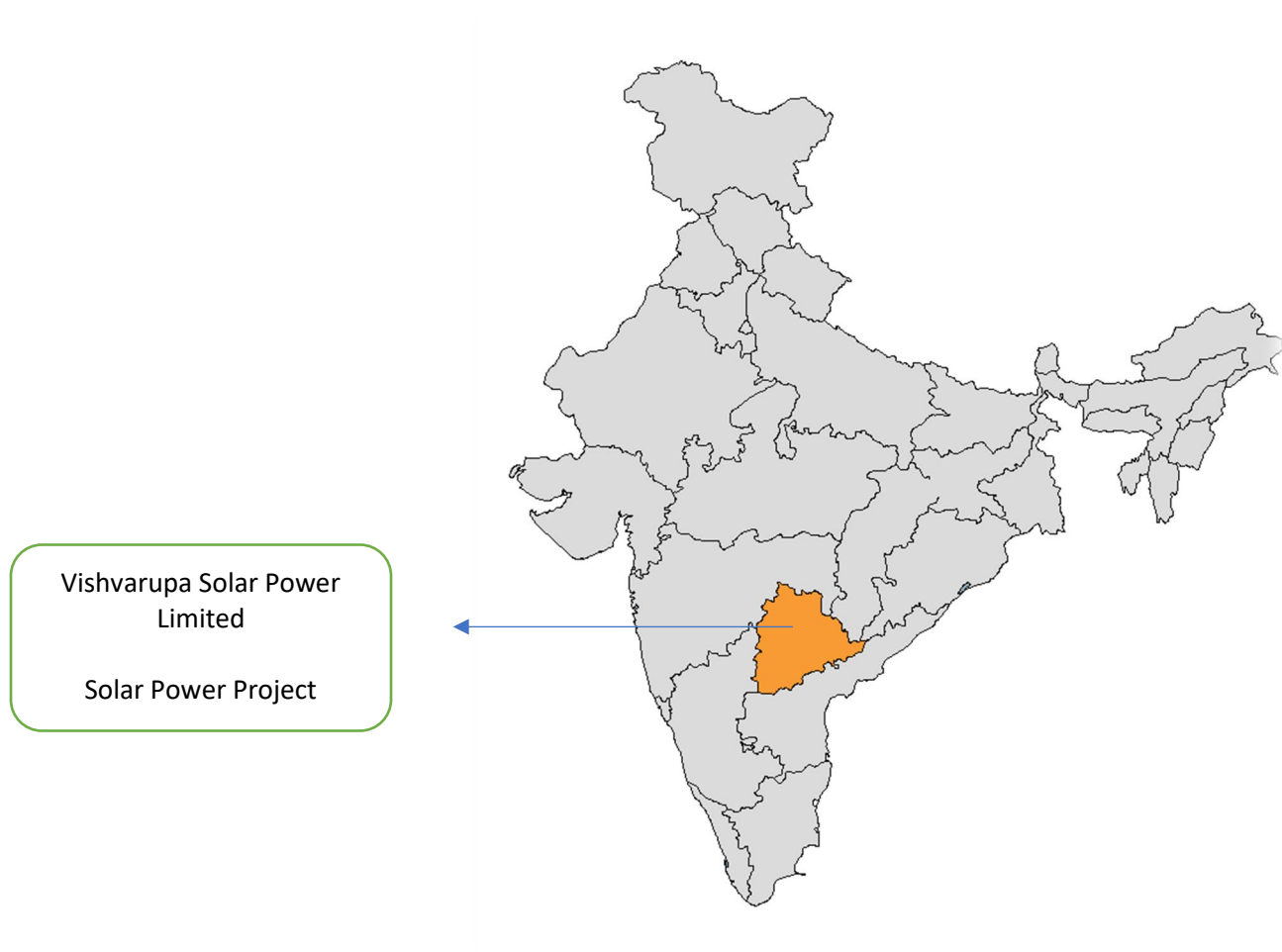
Project	Achintya Solar Power Private Limited
Capacity in MW	20
State	Telangana



GHG saving

Year	GHG avoided in Million tCO2
2020 – 2021	0.036071

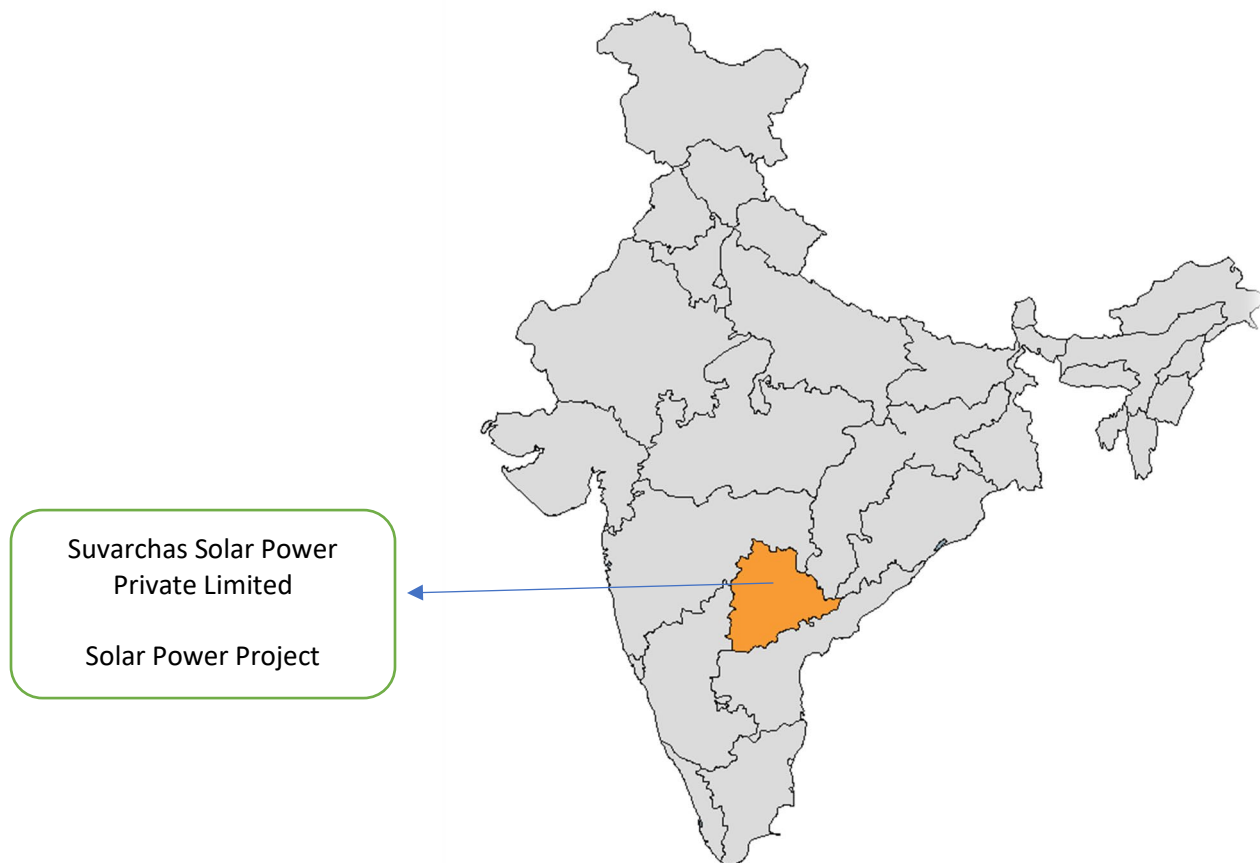
Project	Vishvarupa Solar Power Limited
Capacity in MW	10
State	Telangana



GHG saving

Year	GHG avoided in Million tCO2
2020 – 2021	0.017097

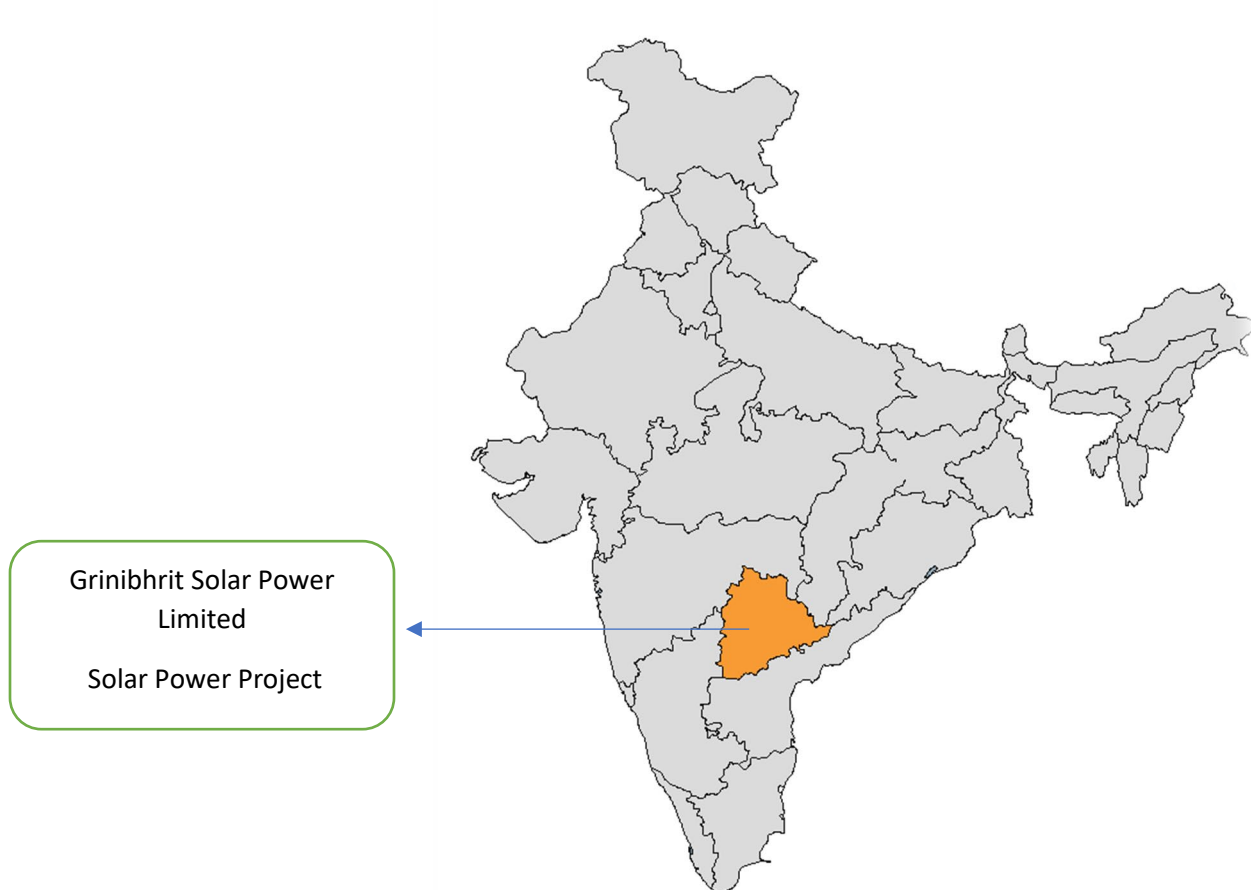
Project	Suvarchas Solar Power Private Limited
Capacity in MW	10
State	Telangana



GHG saving

Year	GHG avoided in Million tCO2
2020 – 2021	0.016408692

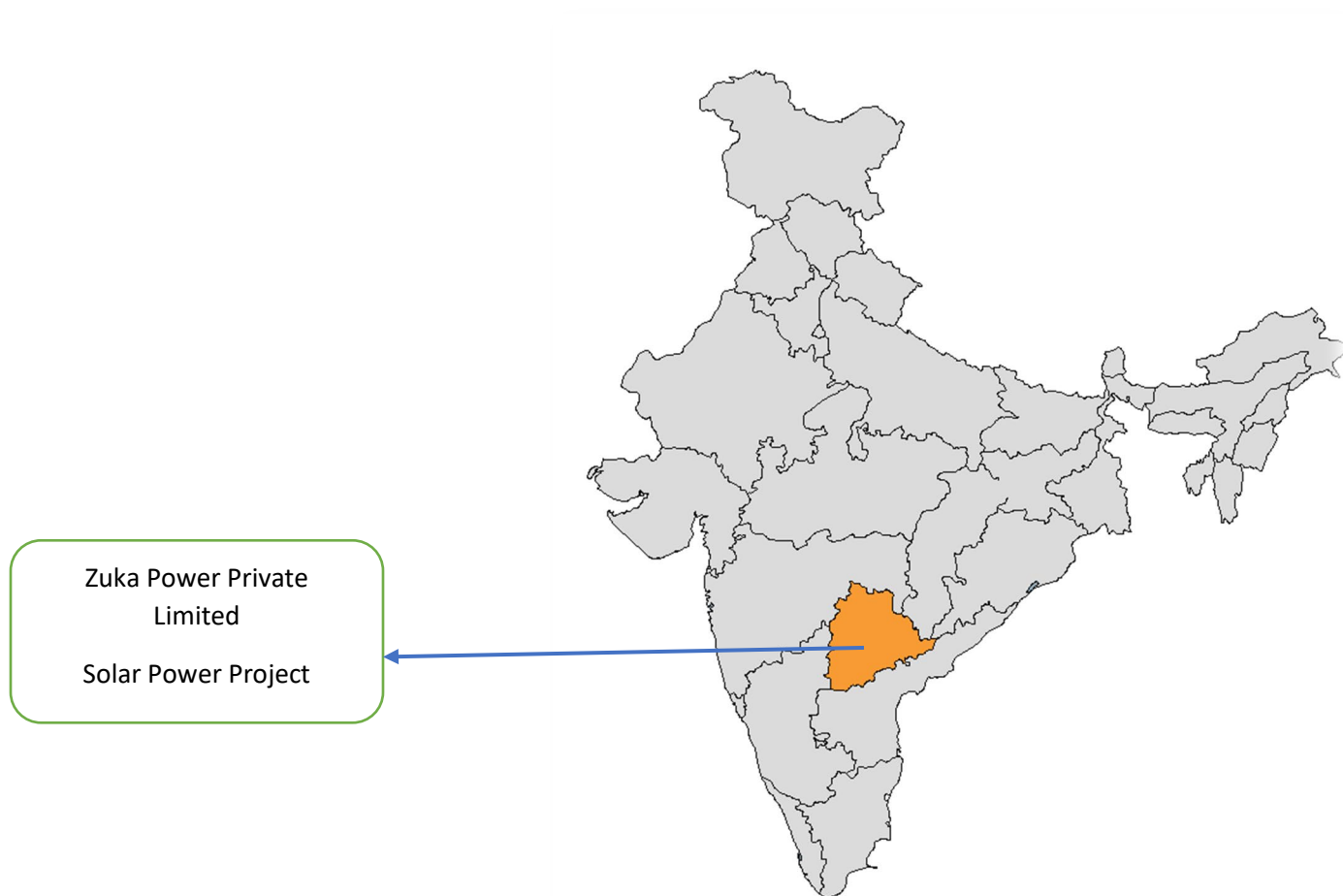
Project	Grinibhrit Solar Power Limited
Capacity in MW	10
State	Telangana



GHG saving

Year	GHG avoided in Million tCO2
2020 – 2021	0.016275

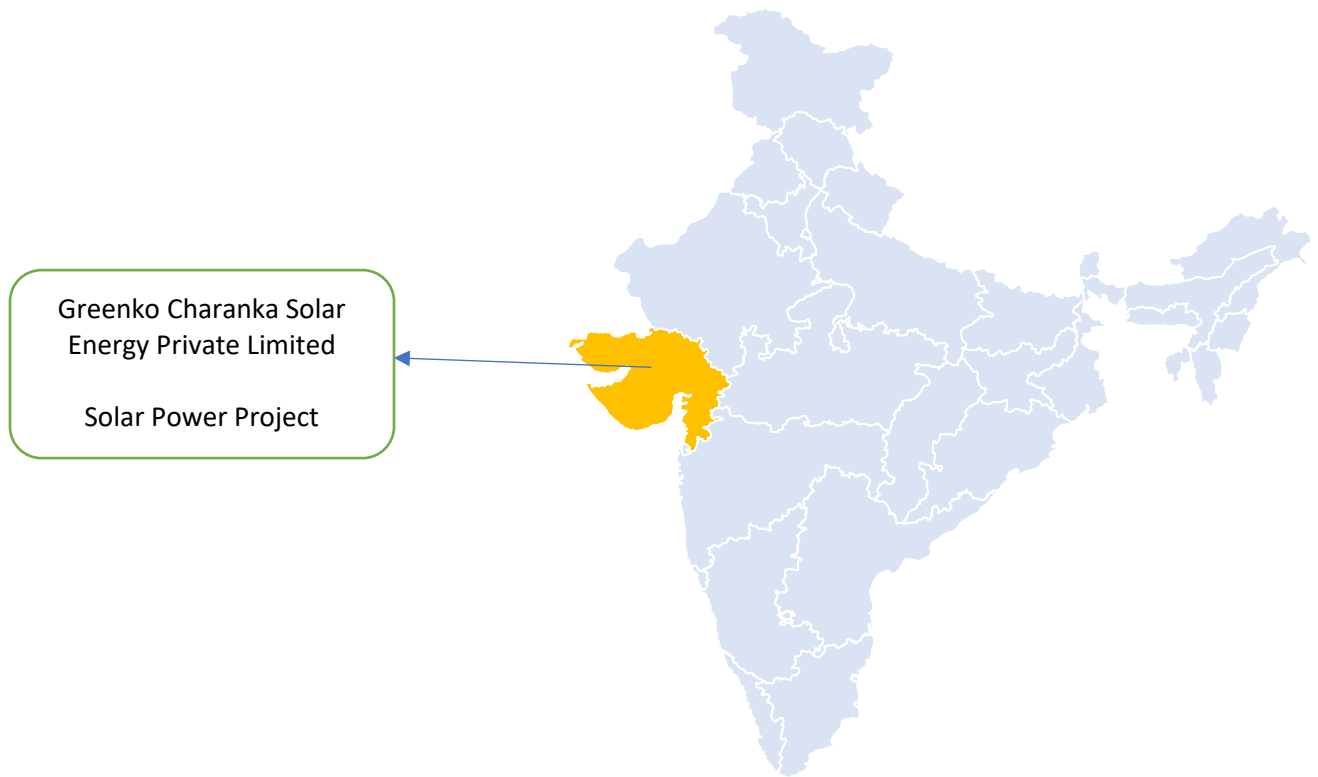
Project	Zuka Power Private Limited
Capacity in MW	48
State	Telangana



GHG saving

Year	GHG avoided in Million tCO2
2020 – 2021	0.091151

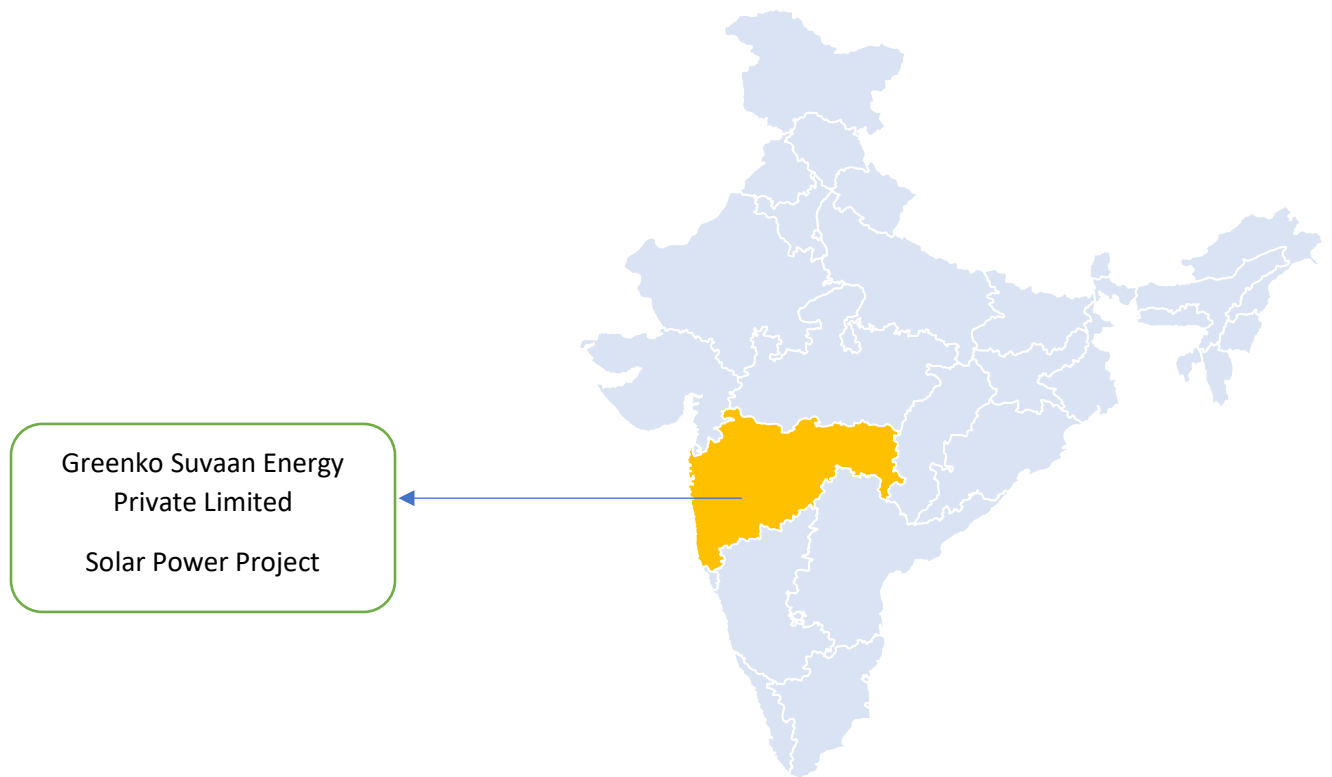
Project	Greenko Charanka Solar Energy Private Limited
Capacity in MW	40
State	Gujarat



GHG saving

Year	GHG avoided in Million tCO2
2020 – 2021	0.072332

Project	Greenko Suvaan Energy Private Limited
Capacity in MW	100
State	Maharashtra



GHG saving

Year	GHG avoided in Million tCO2
2020 – 2021	0.160793



#1131/A, Sai Square Building, Road No. 36,
Jubilee Hills, Hyderabad- 500033,
Telangana State, India.

For any queries and suggestions on the data and
information please write to

sustainability@greenkogroup.com