



Green bond Impact Report

Issuance: Greenko Power II Ltd

2021 -2022

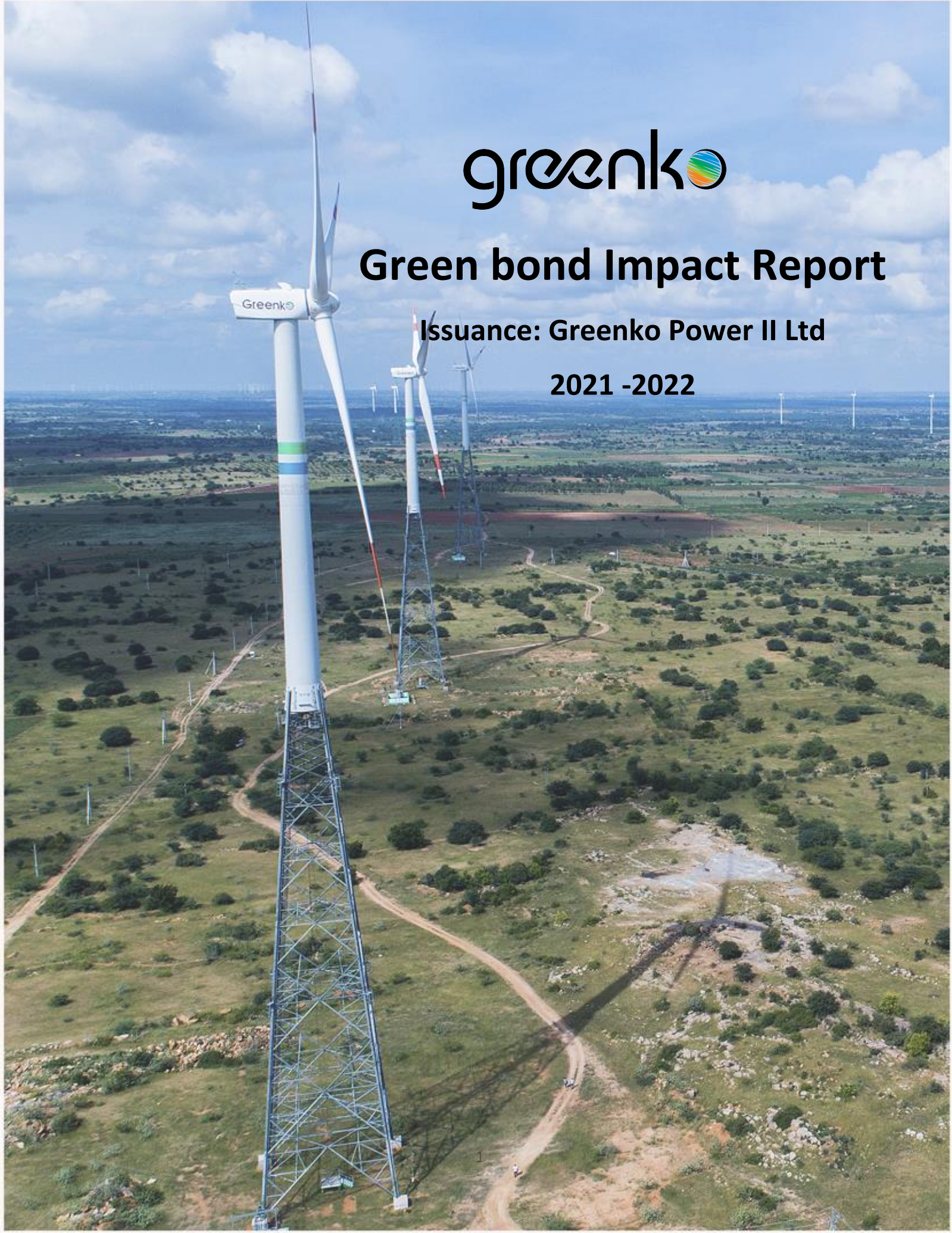


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1. Introduction

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	December, 2021
2.	Bonds issued by	Greenko Power II Ltd
3.	Total amount	USD 1000 million
4.	Issue date	December, 2021
6.	ISIN	USV3855MAA54 (Reg S) / US39530MAA62 (144A)

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

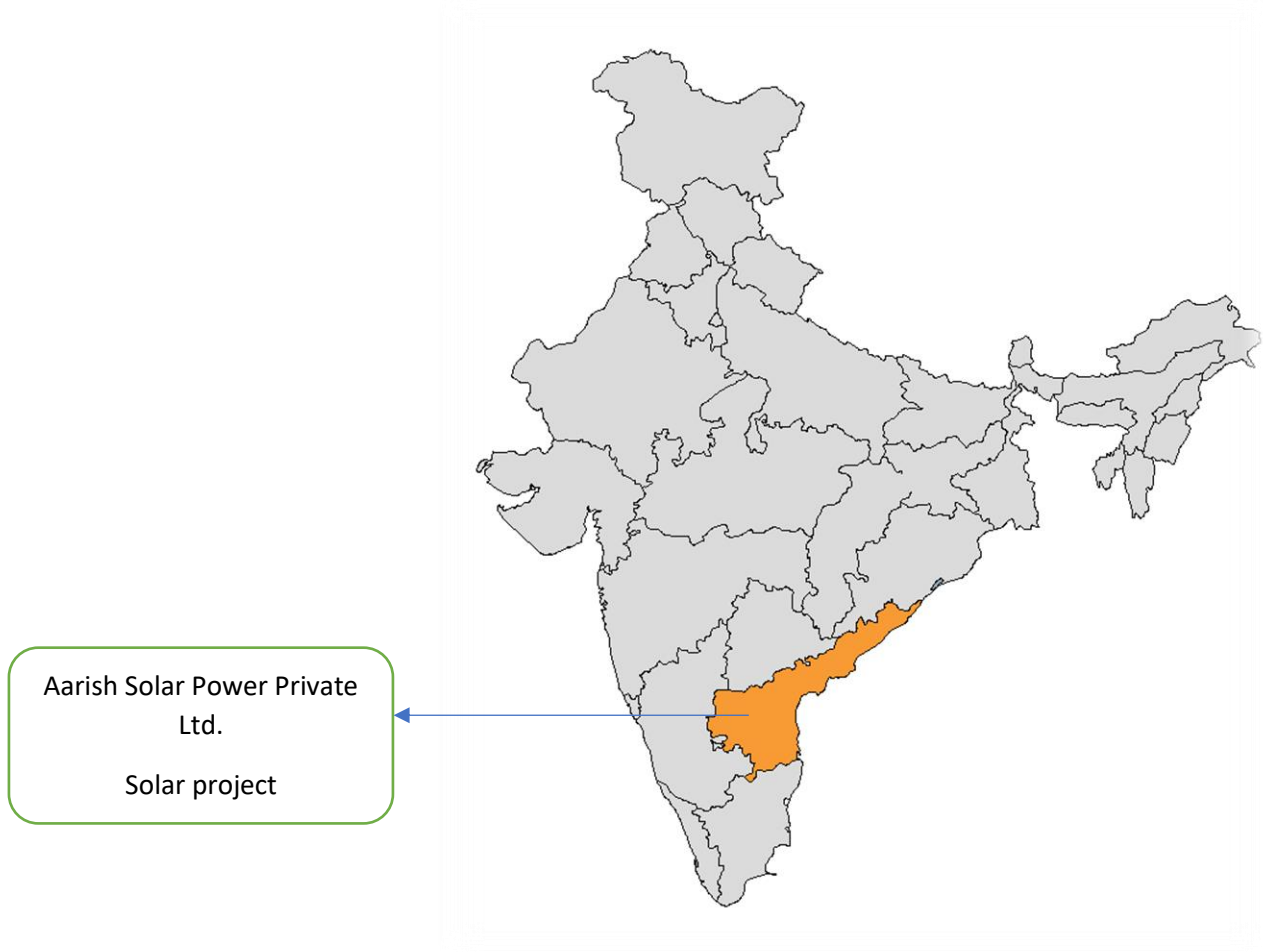
The table below summarizes the environmental benefits in FY 2021-22 related to the projects coming under this Green bond.

S. No	Name of Project	Technology	Capacity in MW	FY 21 - 22 Generation in MWh	Grid Emission factor	CO2 avoided (in Million tCO2)
1	Aarish Solar Power Private Limited	SOLAR	50.0	121.34	0.81	0.000098
2	Aashman Energy Private Limited	SOLAR	50.0	121.04	0.81	0.000098
3	Divyesh Power Private Limited	SOLAR	50.0	121.56	0.81	0.000098
4	Elena Renewable Energy Private Limited	SOLAR	50.0	121.15	0.81	0.000098
5	Pratyash Renewable Private Limited	SOLAR	50.0	121.45	0.81	0.000098
6	Sei Baskara Power Private Limited	SOLAR	50.0	121.10	0.81	0.000098
7	Sei Enerstar Renewable Energy Private Limited	SOLAR	50.0	121.04	0.81	0.000098
8	Sei Mihir Energy Private Limited	SOLAR	50.0	120.69	0.81	0.000098
9	Shreyas Renewable Energy Private Limited	SOLAR	50.0	121.34	0.81	0.000098
10	Zuvan Energy Private Limited	SOLAR	50.0	120.97	0.81	0.000098
11	Sei Ravikiran Energy Private Limited	SOLAR	30.0	50.53	0.81	0.000041
12	Sei Renewable Energy Private Limited	SOLAR	30.0	49.41	0.81	0.000040
13	Sei Jyotishwaroop Power Private Limited	SOLAR	30.0	49.99	0.81	0.000040
14	Skeiron Renewable Energy Amidyala Limited	WIND	226.8	508.10	0.81	0.000412
15	Kita I	WIND	38.4	57.26	0.81	0.000046
16	Vagaikullam I	WIND	12.0	25.09	0.81	0.000020
17	Sipla II	WIND	26.4	48.39	0.81	0.000039
18	Ratedi II	WIND	24.0	41.87	0.81	0.000034
19	Vagaikullam II	WIND	12.0	25.96	0.81	0.000021
20	Lalpur II	WIND	12.0	21.78	0.81	0.000018
21	Mahuria II	WIND	56.0	74.97	0.81	0.000061
22	Tadas III	WIND	100.0	137.67	0.81	0.000112
23	Nalakonda III	WIND	50.4	86.23	0.81	0.000070
24	Lalpur III A	WIND	50.4	87.49	0.81	0.000071
25	Lalpur III B	WIND	55.2	89.64	0.81	0.000073

S. No	Name of Project	Technology	Capacity in MW	FY 21 - 22 Generation in MWh	Grid Emission factor	CO2 avoided (in Million tCO2)
26	Khandke IV	WIND	40.0	64.58	0.81	0.000052
27	Lalpur IV	WIND	54.4	98.81	0.81	0.000080
28	Tadas IV	WIND	44.0	63.82	0.81	0.000052
29	Sipla IV	WIND	38.4	63.67	0.81	0.000052
30	Joghali	WIND	15.2	26.76	0.81	0.000022
31	Sipla IV B	WIND	2.4	3.65	0.81	0.000003
32	Khanapur V	WIND	32.0	70.17	0.81	0.000057
33	Sipla V	WIND	44.0	75.99	0.81	0.000062
34	Nalakonda V	WIND	31.2	53.01	0.81	0.000043
35	Mahidad	WIND	13.6	24.30	0.81	0.000020
36	Ratlam	WIND	50.0	147.74	0.81	0.000120
37	Lalpur	WIND	48.3	115.90	0.81	0.000094
	TOTAL		1667.1			0.002733

Project by project environmental benefit details are presented below.

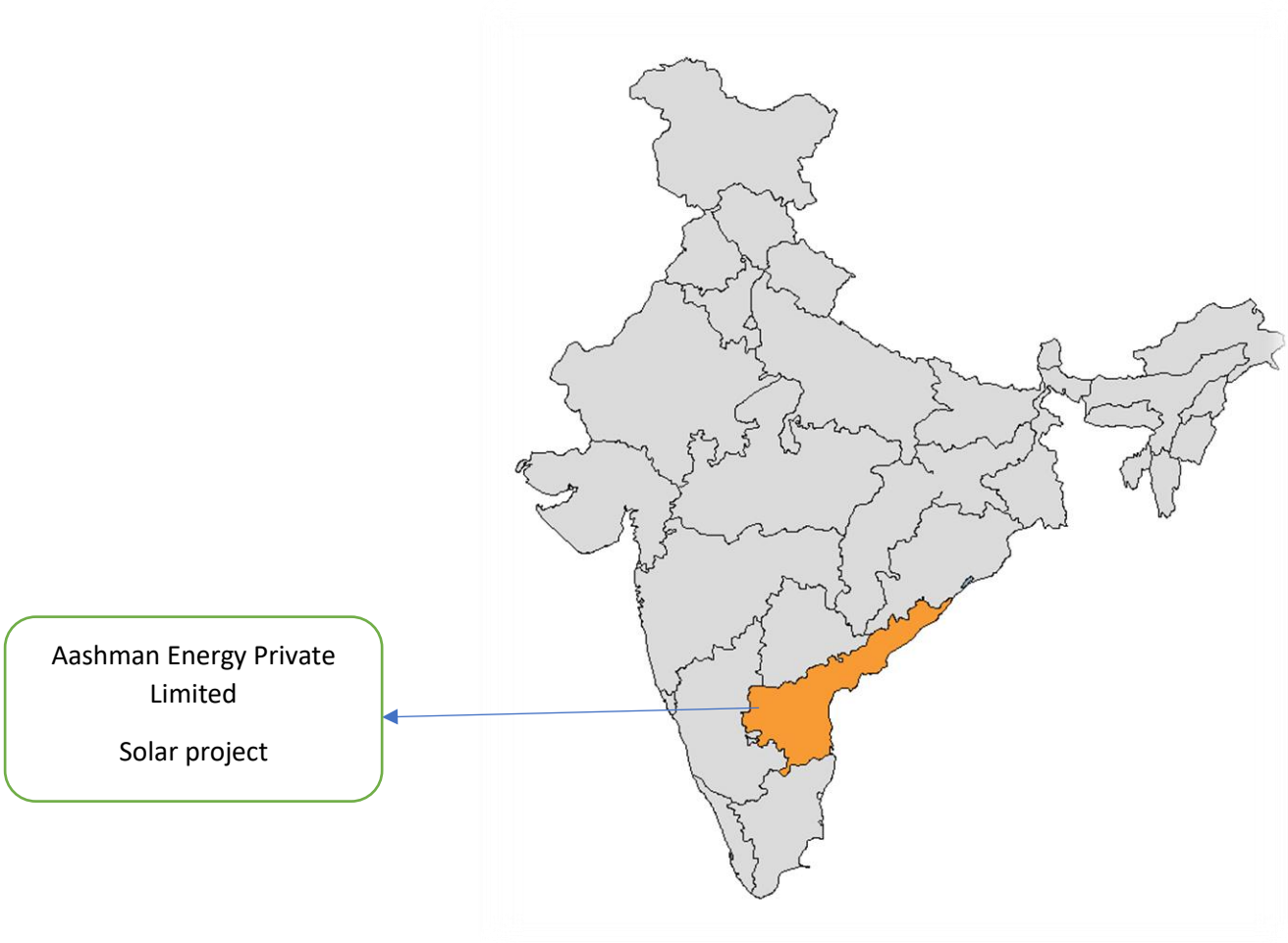
Project 1	Aarish Solar Power Private Limited
Capacity in MW	50.0
State	Andhra Pradesh



GHG saving

Year	GHG avoided in Million tCO2
2021 - 2022	0.000098

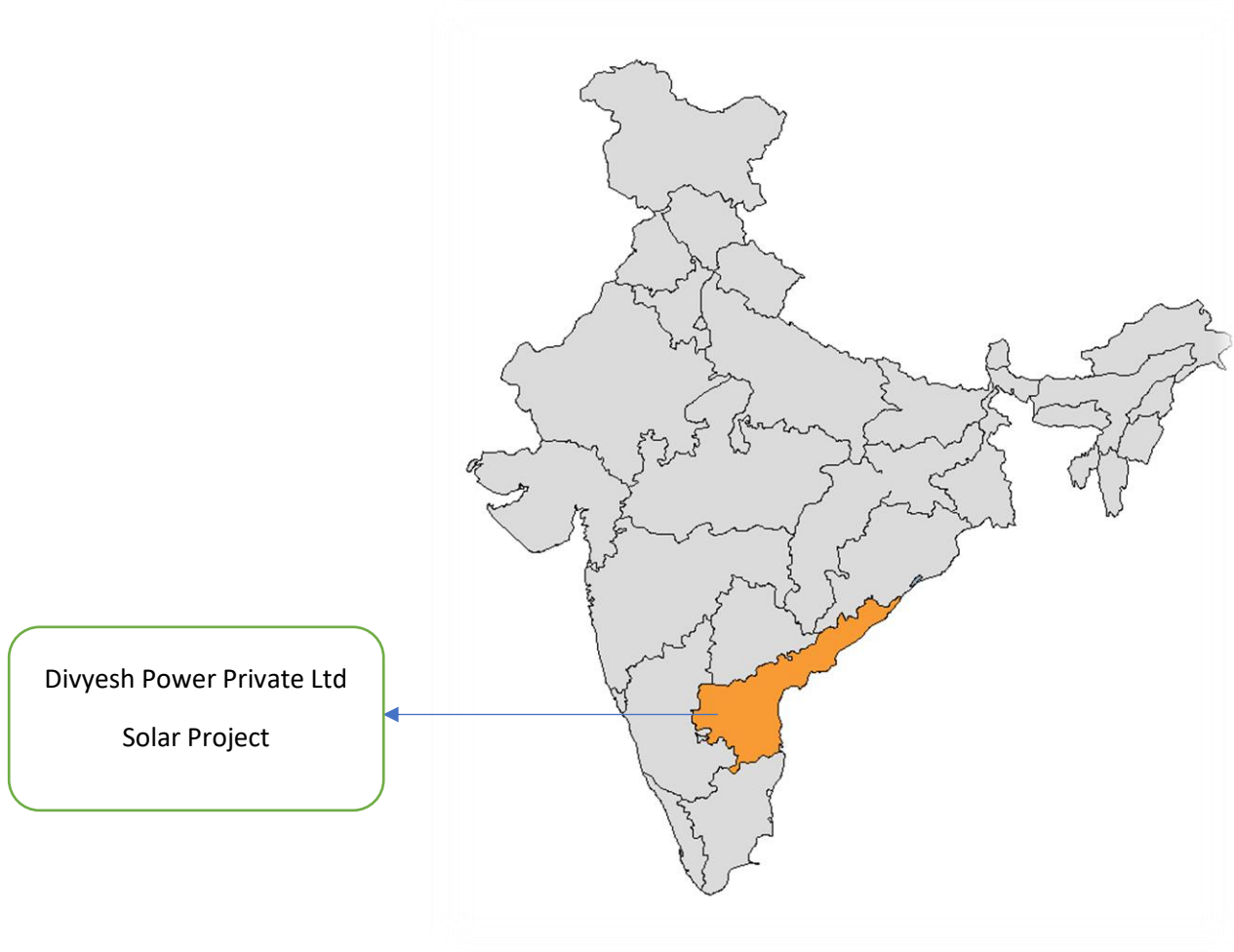
Project 2	Aashman Energy Private Limited
Capacity in MW	50.0
State	Andhra Pradesh



GHG saving

Year	GHG avoided in Million tCO2
2021 - 2022	0.000098

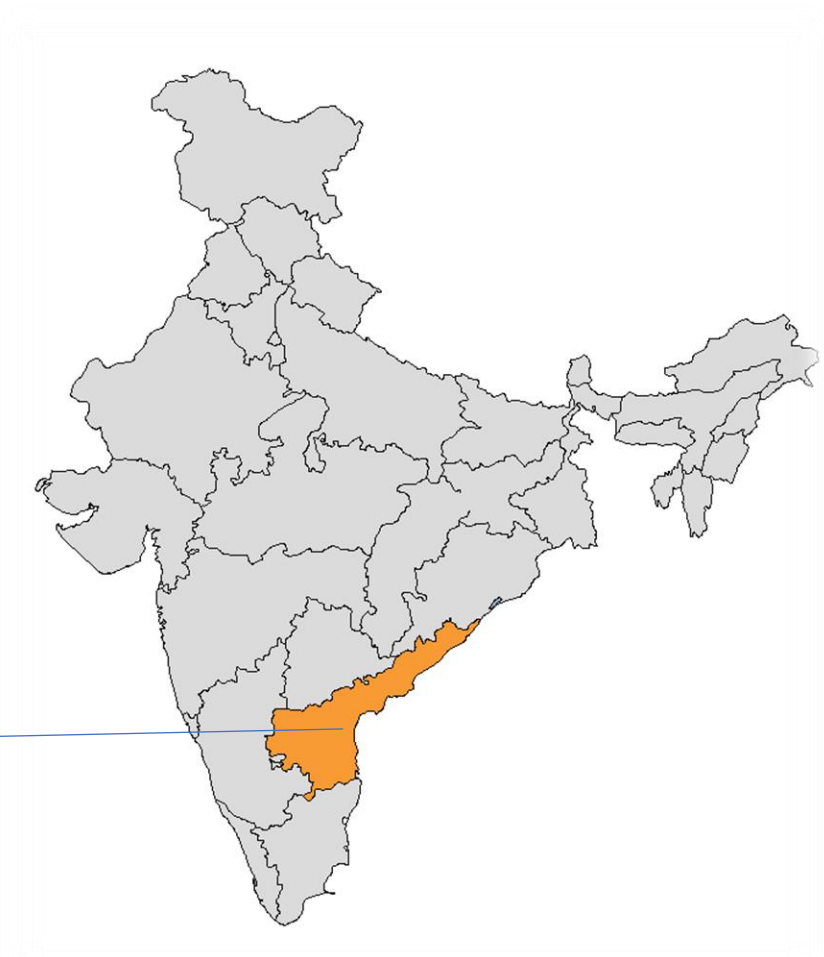
Project 3	Divyesh Power Private Ltd
Capacity in MW	50.0
State	Andhra Pradesh



GHG saving

Year	GHG avoided in Million tCO2
2021 - 2022	0.000098

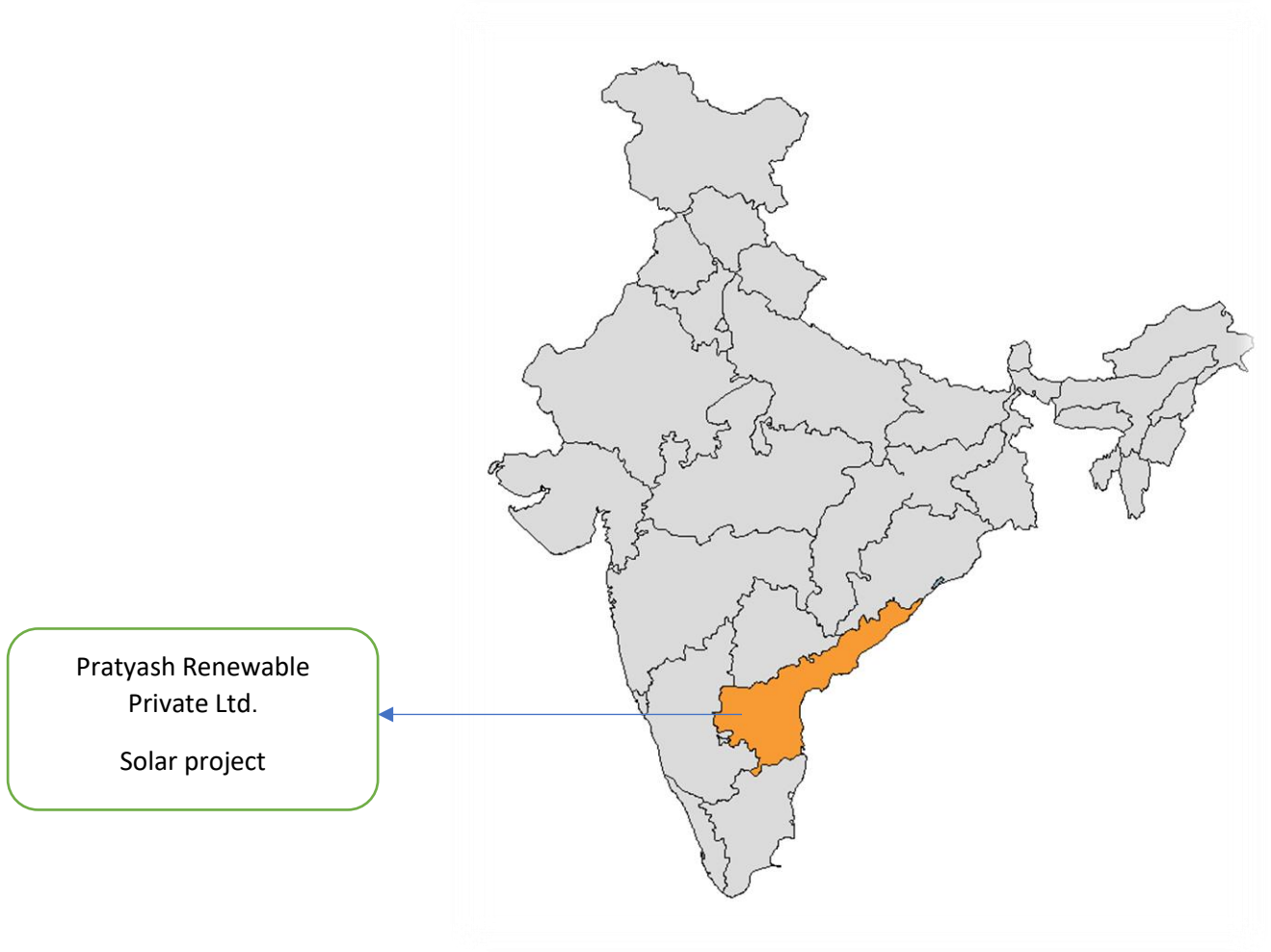
Project 4	Elena Renewable Energy Pvt Ltd.
Capacity in MW	50.0
State	Andhra Pradesh



GHG saving

Year	GHG avoided in Million tCO2
2021 - 2022	0.000098

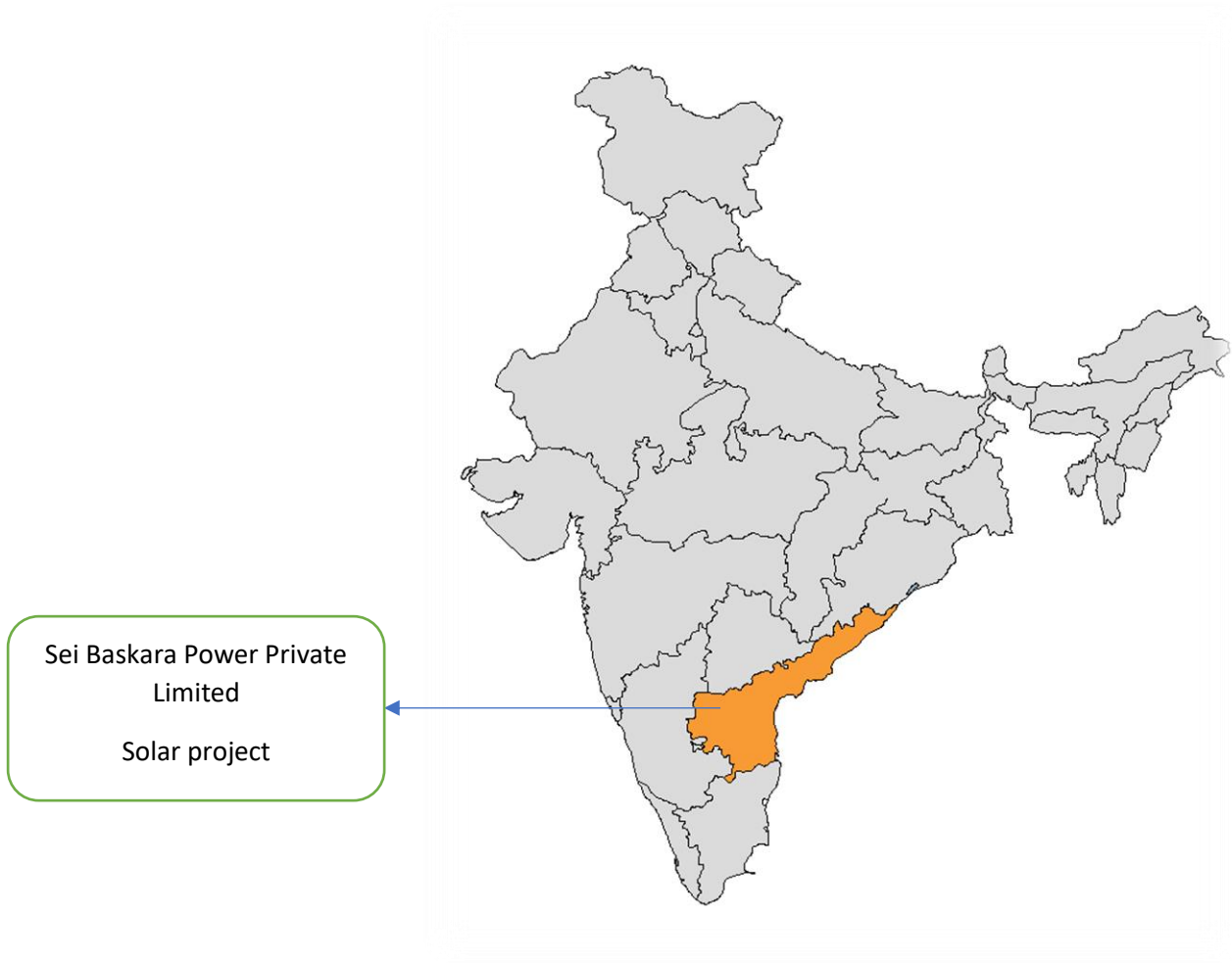
Project 5	Pratyash Renewable Energy Private Ltd.
Capacity in MW	50.0
State	Andhra Pradesh



GHG saving

Year	GHG avoided in Million tCO2
2021 - 2022	0.000098

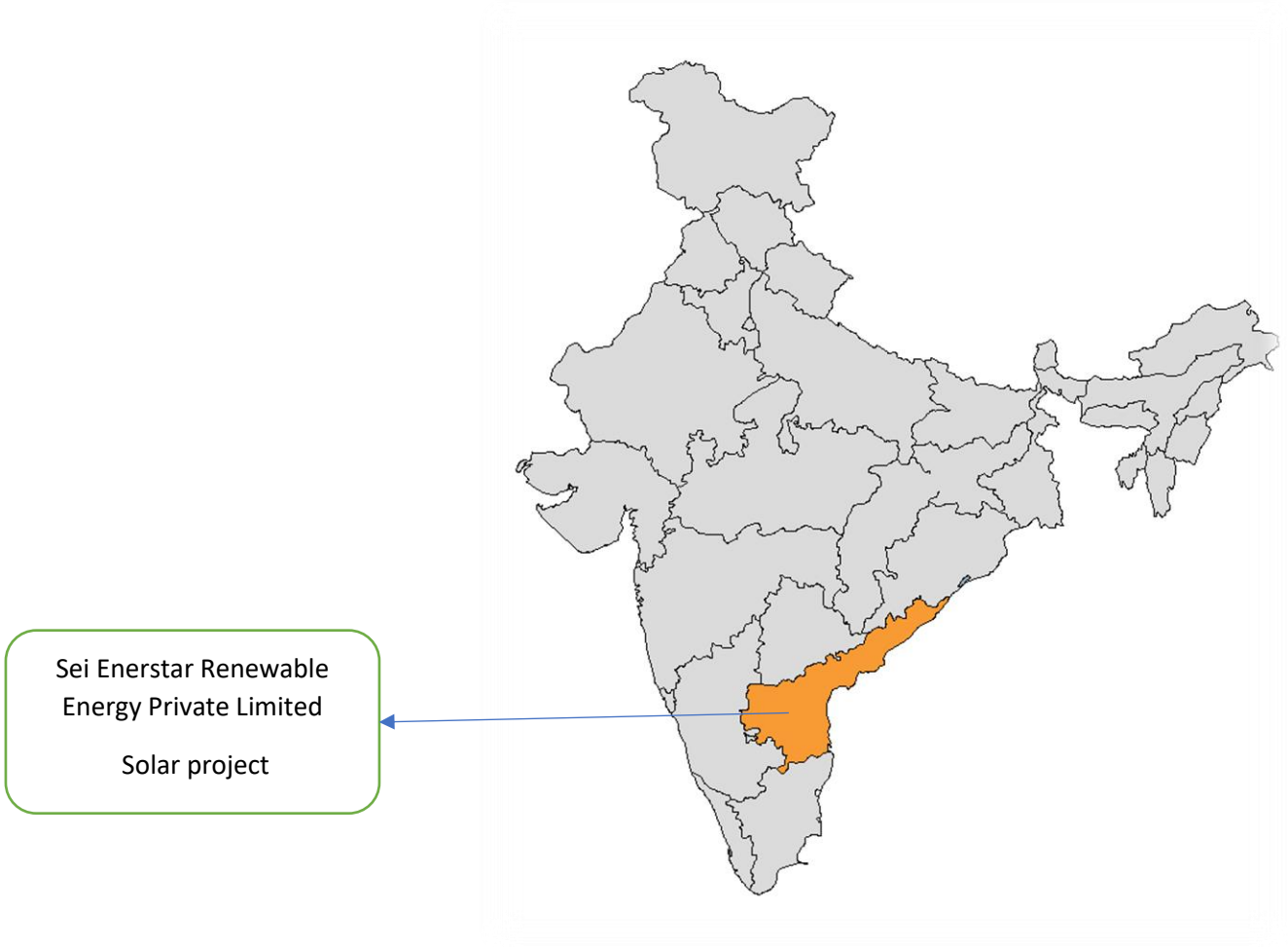
Project 6	Sei Baskara Power Private Limited
Capacity in MW	50.0
State	Andhra Pradesh



GHG saving

Year	GHG avoided in Million tCO2
2021 - 2022	0.000098

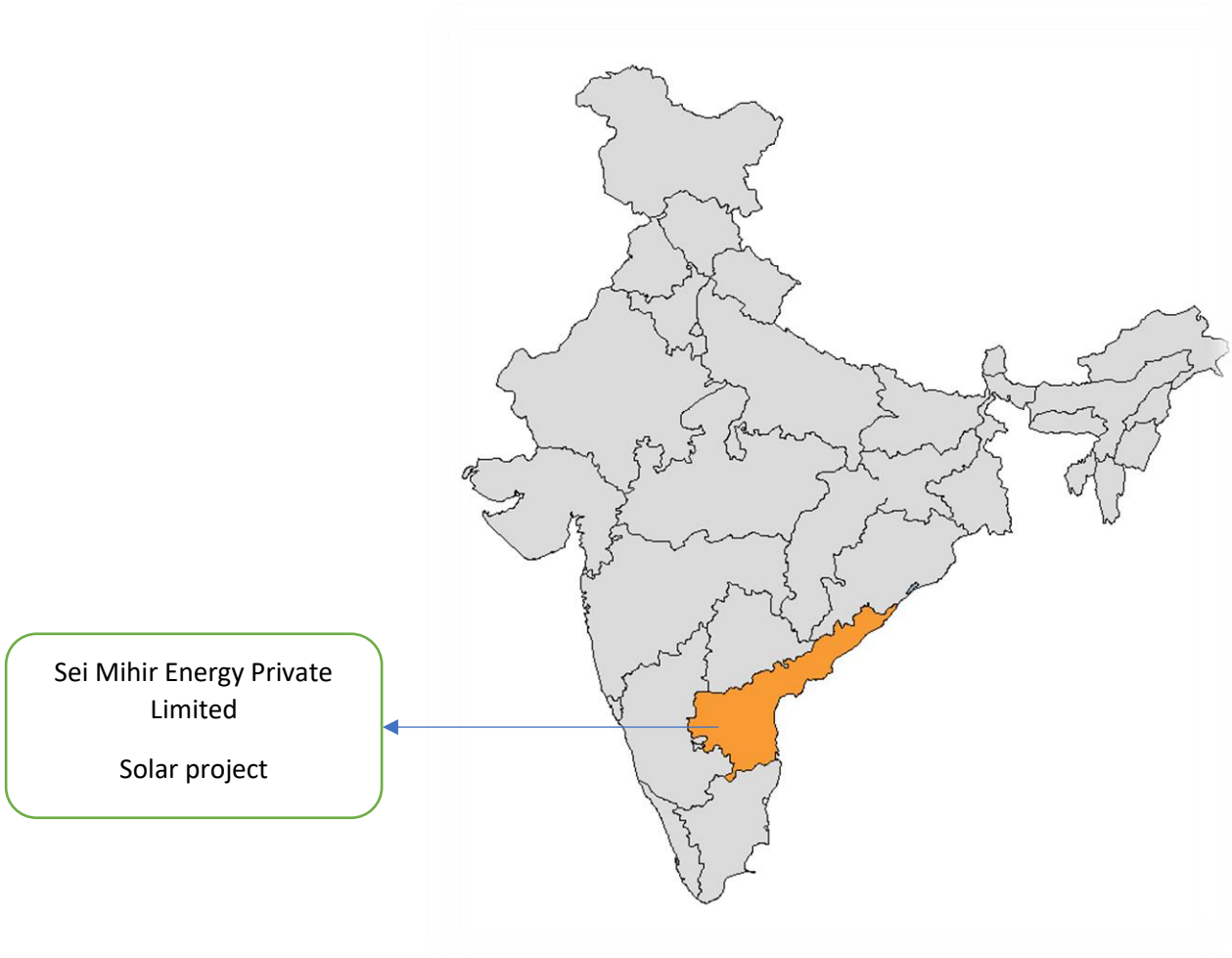
Project 7	Sei Enerstar Renewable Energy Private Limited
Capacity in MW	50.0
State	Andhra Pradesh



GHG saving

Year	GHG avoided in Million tCO2
2021 - 2022	0.000098

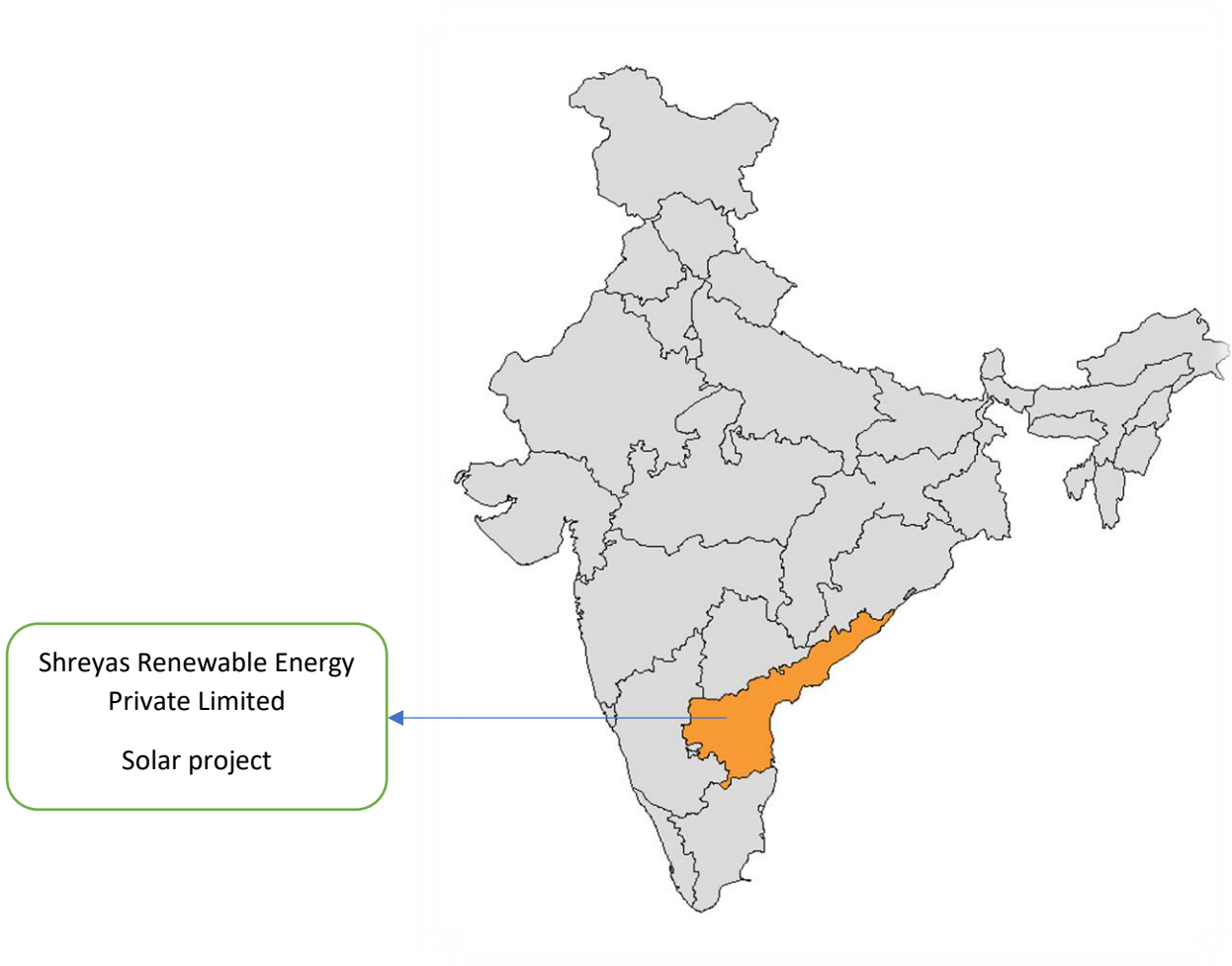
Project 8	Sei Mihir Energy Private Limited
Capacity in MW	50.0
State	Andhra Pradesh



GHG saving

Year	GHG avoided in Million tCO2
2021 - 2022	0.000098

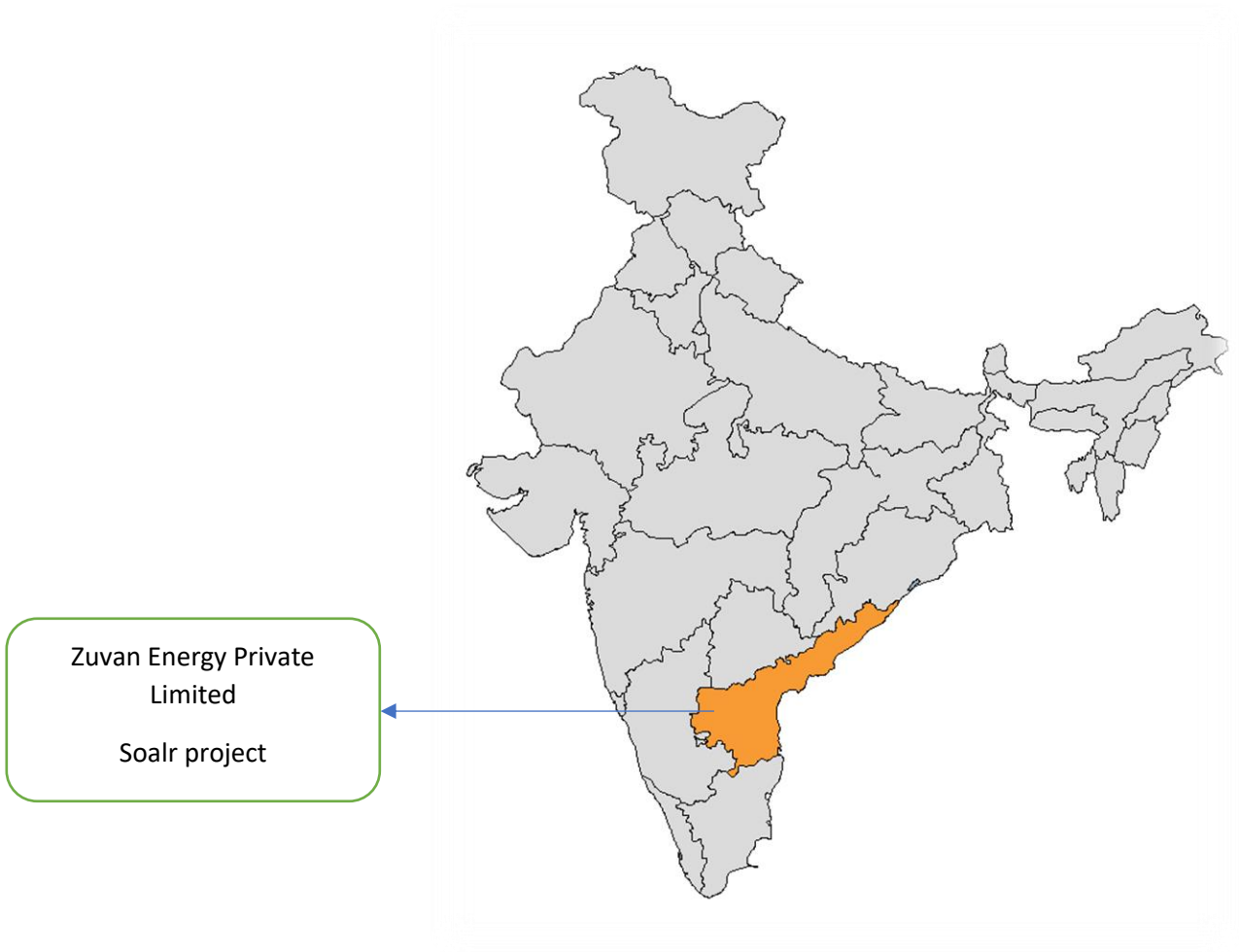
Project 9	Shreyas Renewable Energy Private Limited
Capacity in MW	50.0
State	Andhra Pradesh



GHG saving

Year	GHG avoided in Million tCO2
2021 - 2022	0.000098

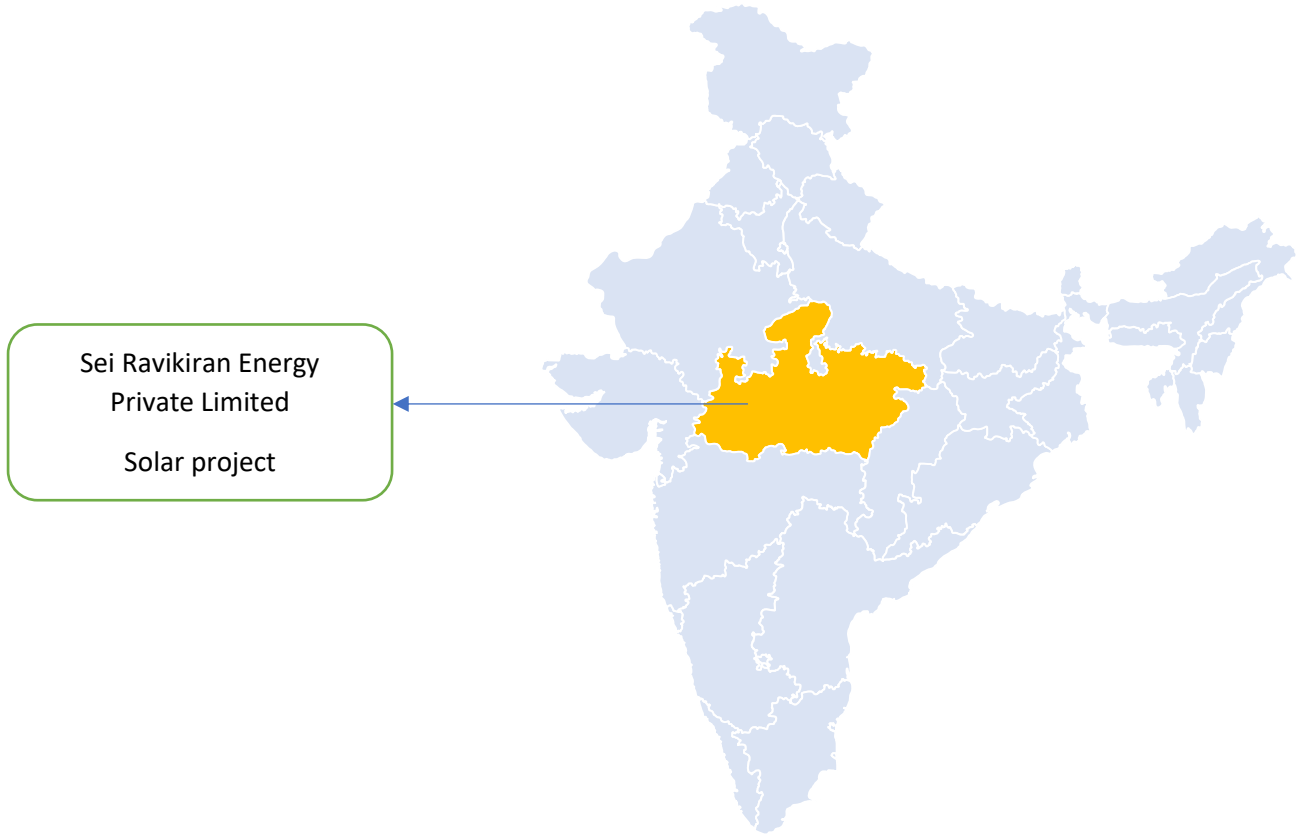
Project 10	Zuvan Energy Private Limited
Capacity in MW	50.0
State	Andhra Pradesh



GHG saving

Year	GHG avoided in Million tCO2
2021 - 2022	0.000098

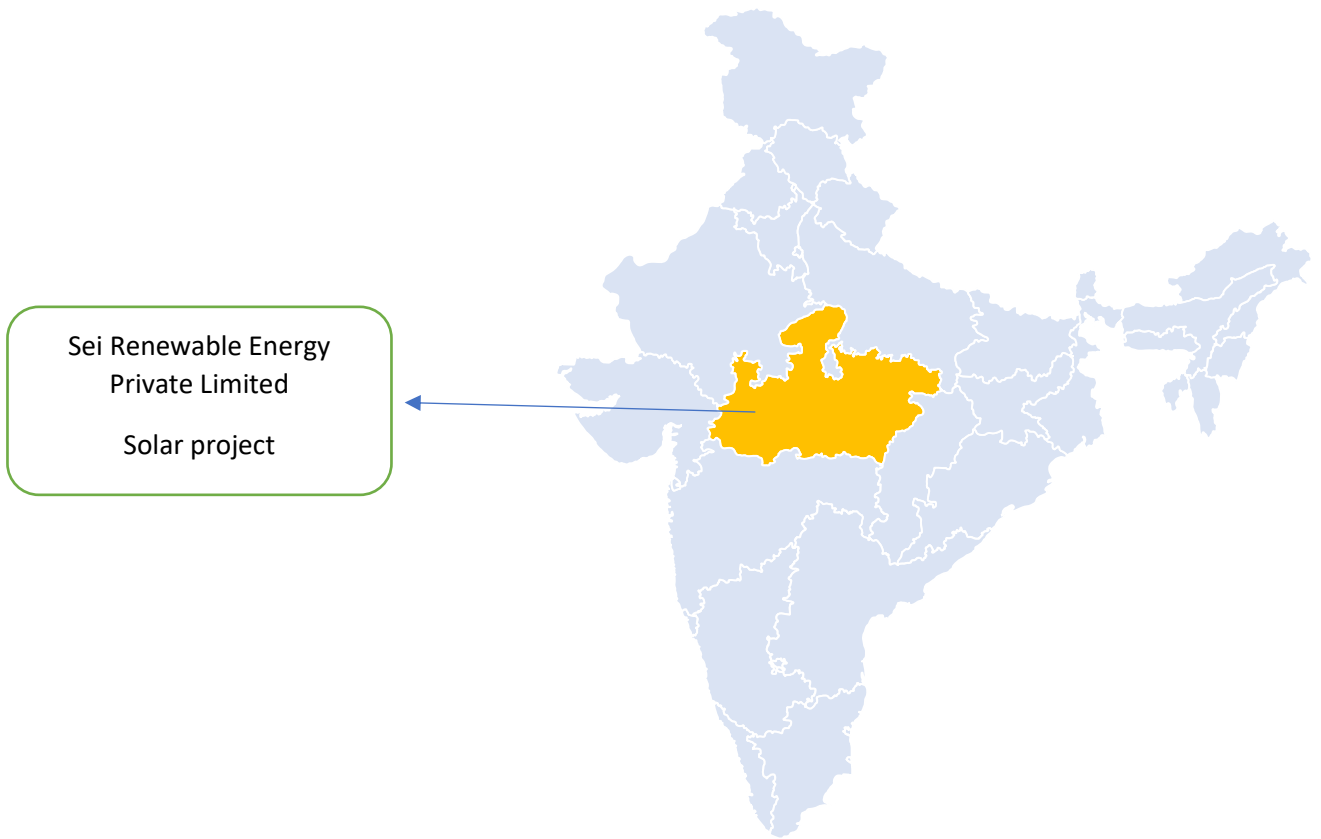
Project 11	Sei Ravikiran Energy Private Limited
Capacity in MW	30.0
State	Madhya Pradesh



GHG saving

Year	GHG avoided in Million tCO2
2021 - 2022	0.000041

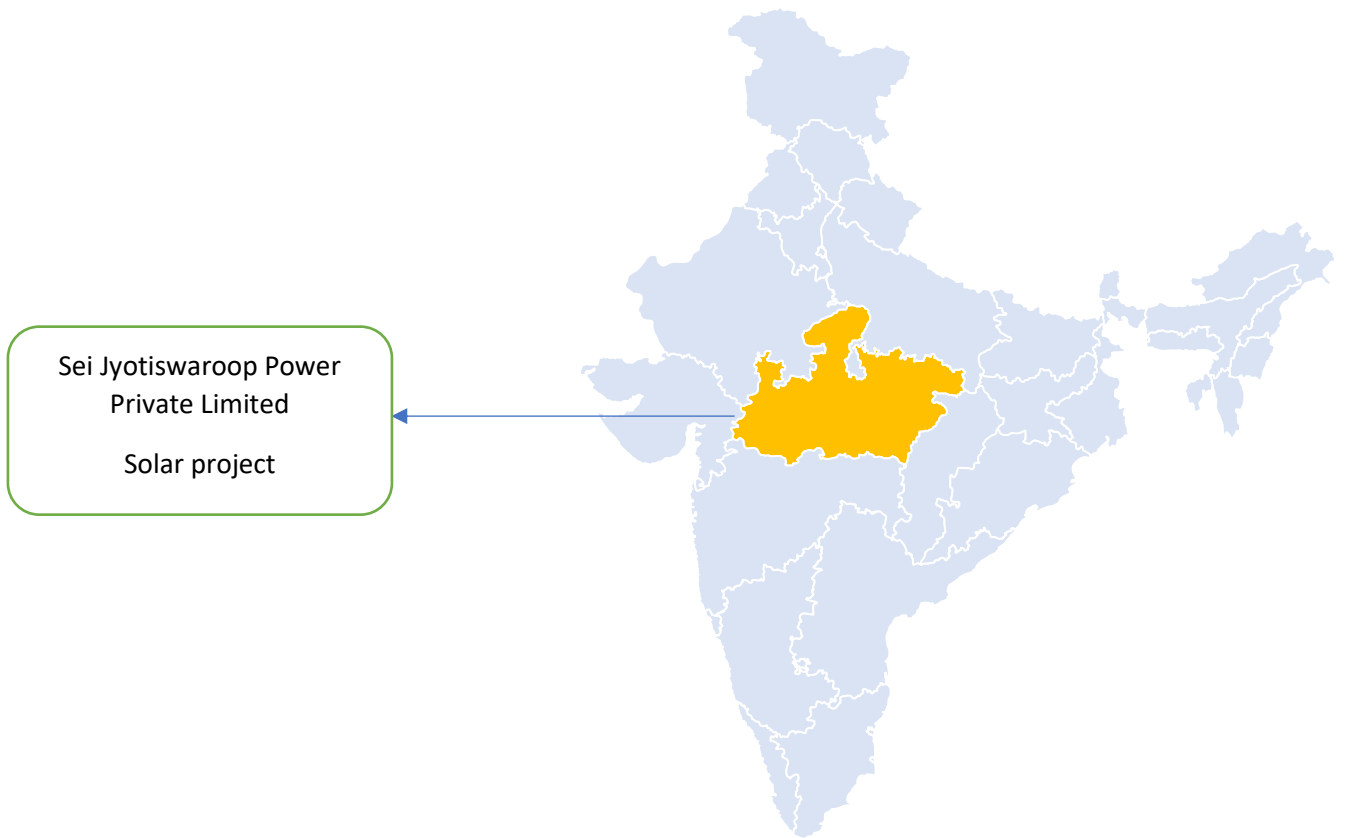
Project 12	Sei Renewable Energy Private Limited
Capacity in MW	30.0
State	Madhya Pradesh



GHG saving

Year	GHG avoided in Million tCO2
2021 - 2022	0.000040

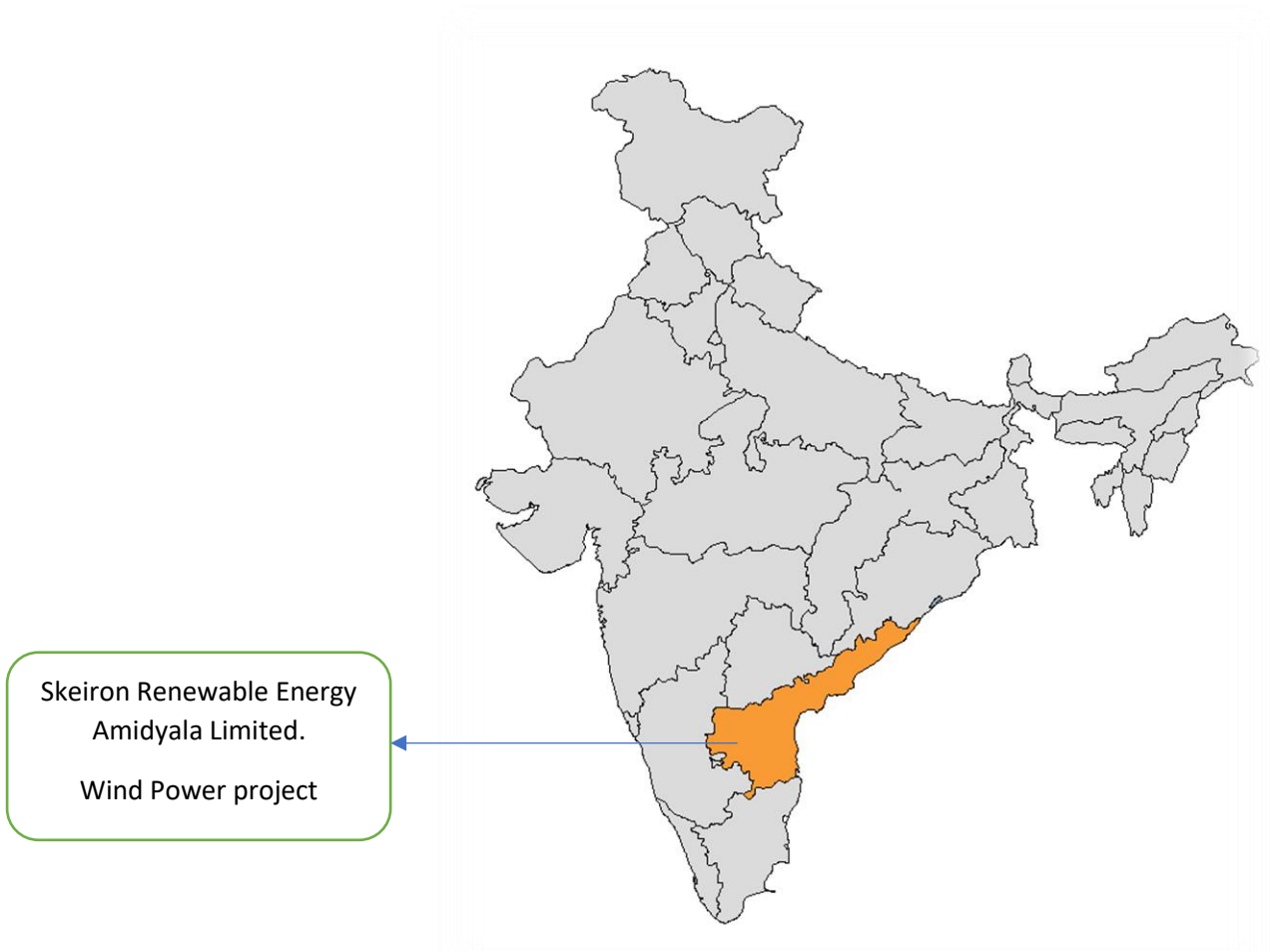
Project 13	Sei Jyotiswaroop Power Private Limited
Capacity in MW	30.0
State	Madhya Pradesh



GHG saving

Year	GHG avoided in Million tCO2
2021 - 2022	0.000040

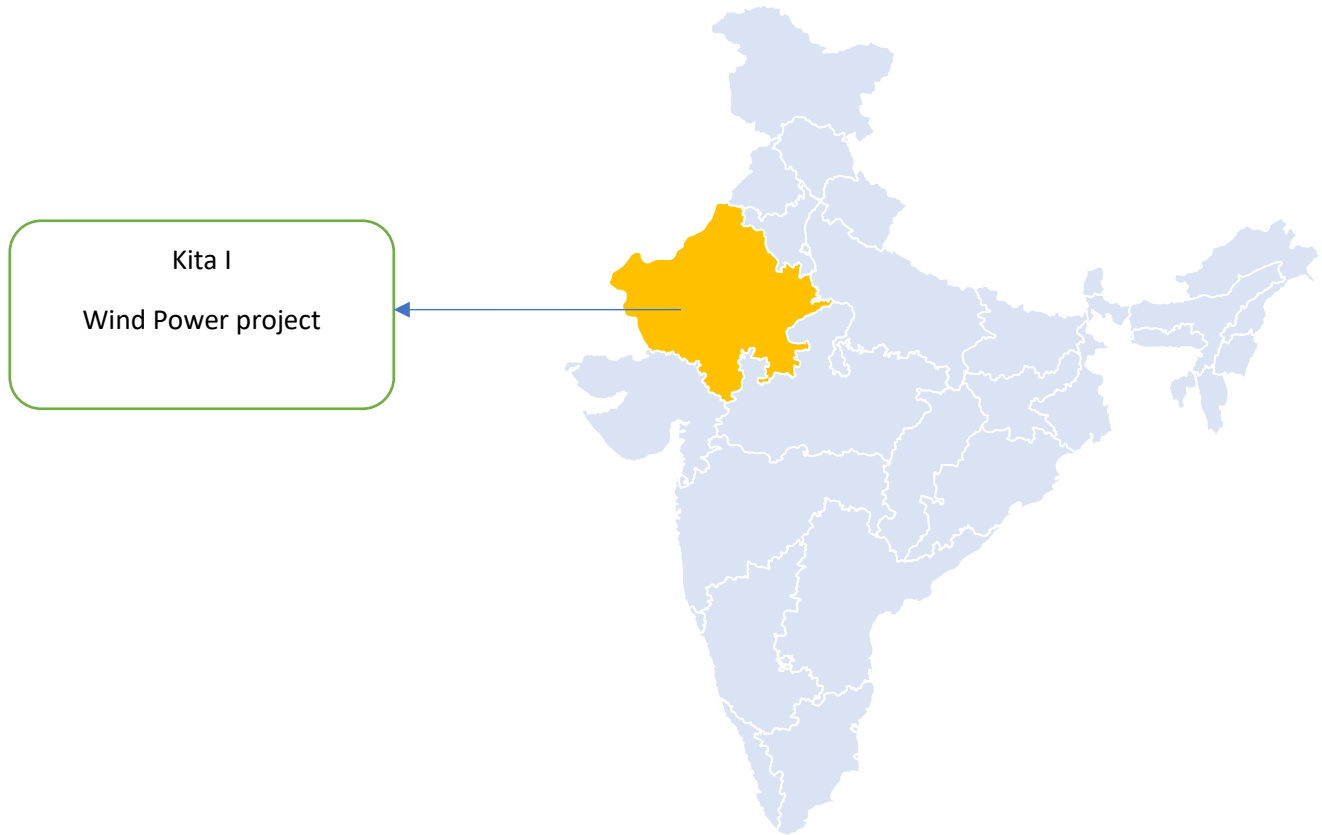
Project 14	Skeiron Renewable Energy Amidyala Limited.
Capacity in MW	226.8
State	Andhra Pradesh



GHG saving

Year	GHG avoided in Million tCO2
2021 - 2022	0.000412

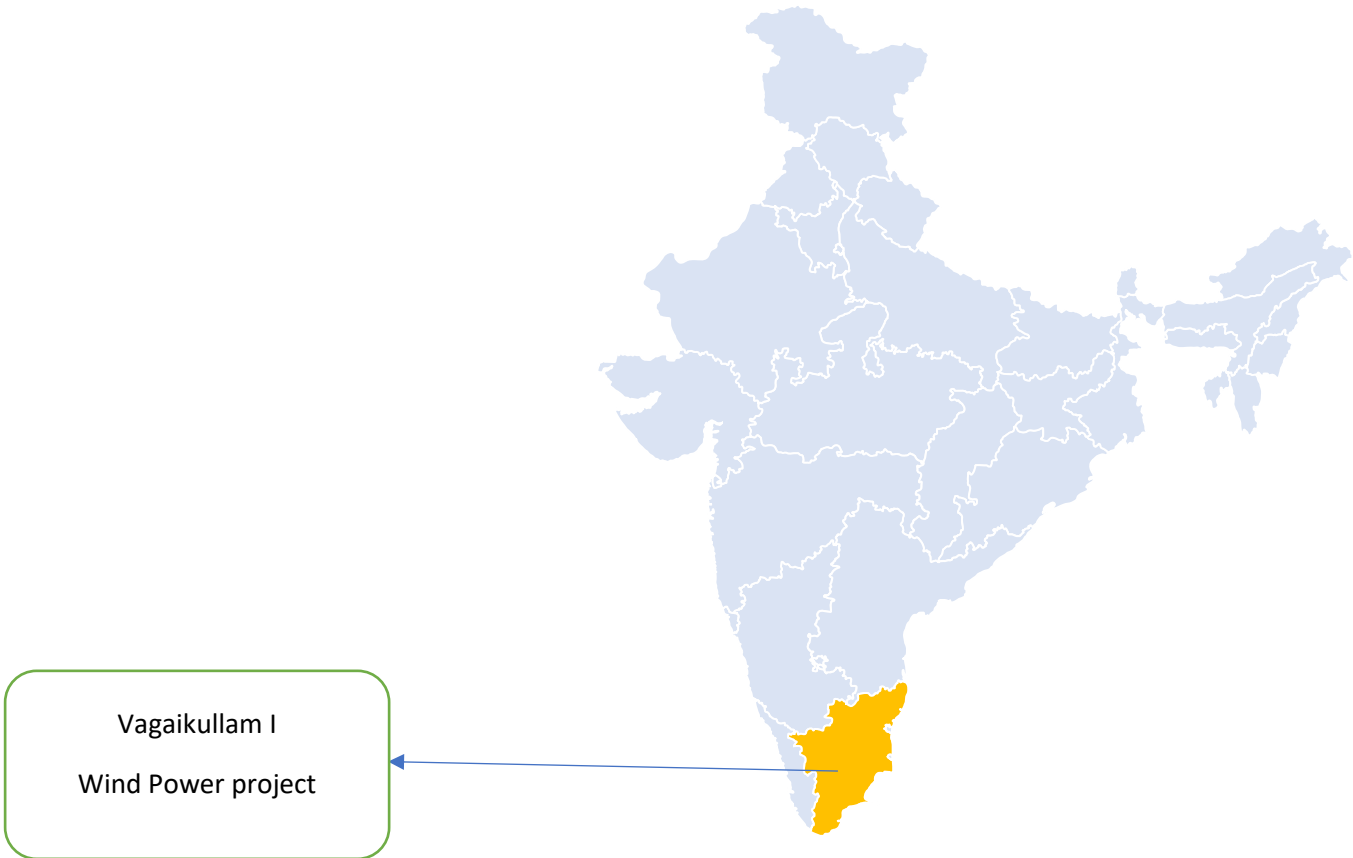
Project 15	Kita I
Capacity in MW	38.4
State	Rajasthan



GHG saving

Year	GHG avoided in Million tCO2
2021 - 2022	0.000046

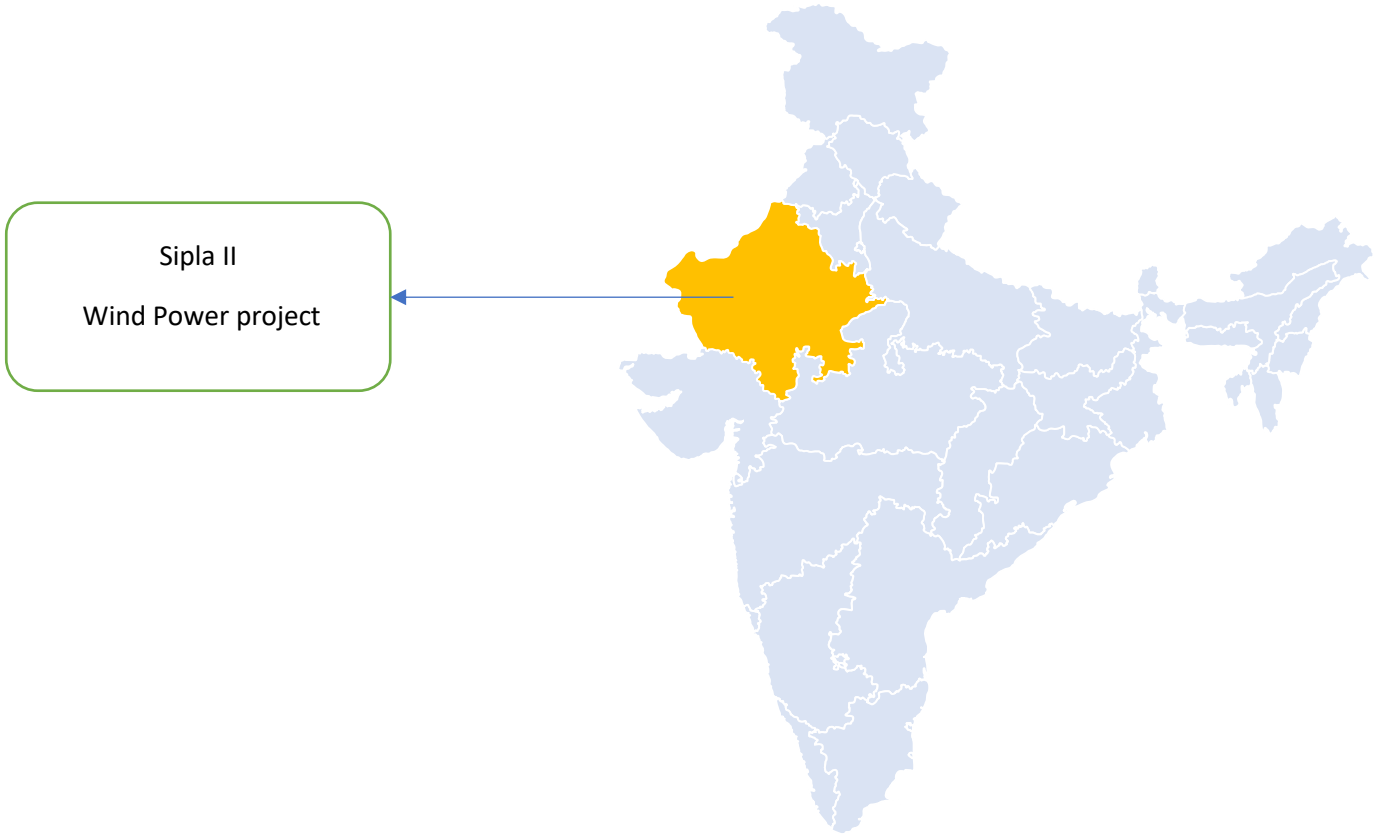
Project 16	Vagaikullam I
Capacity in MW	12.0
State	Tamil Nadu



GHG saving

Year	GHG avoided in Million tCO2
2021 - 2022	0.000020

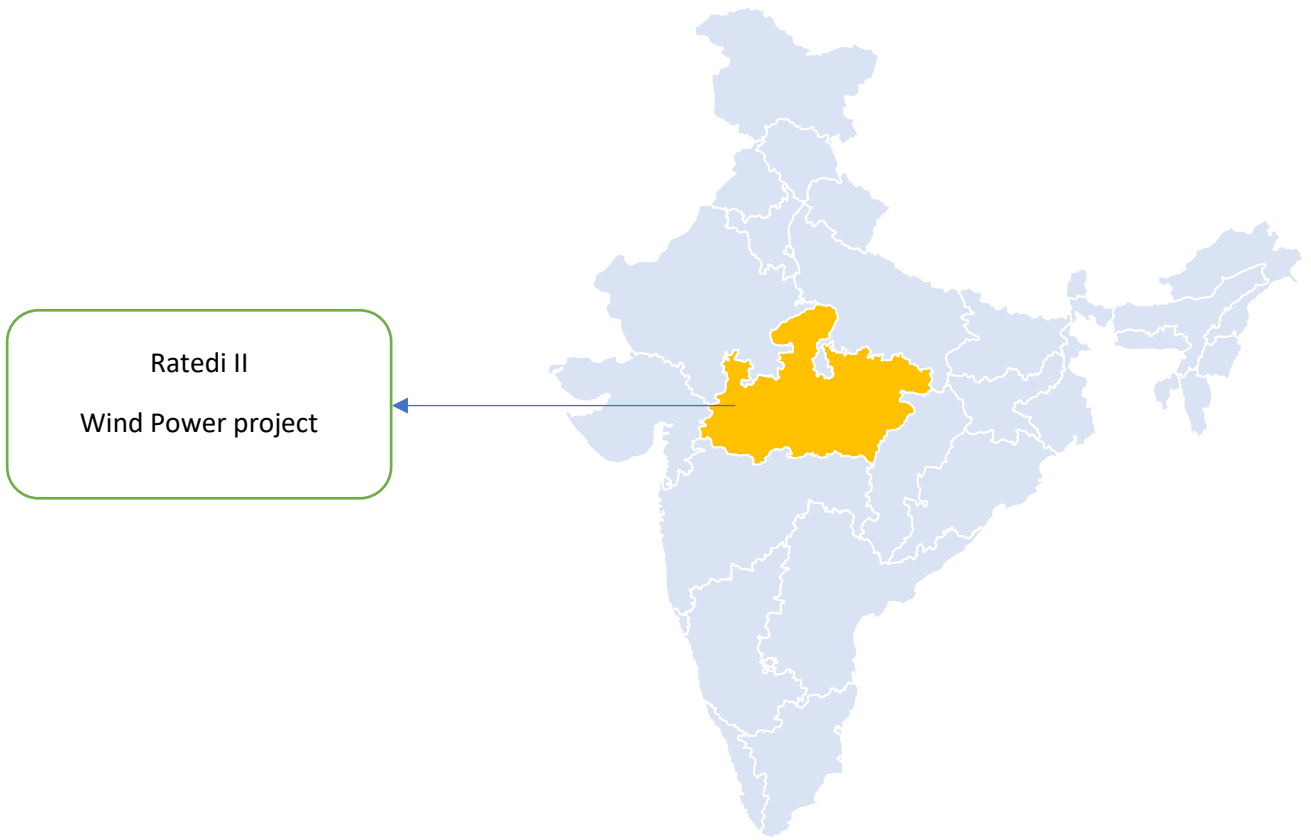
Project 17	Sipla II
Capacity in MW	26.4
State	Rajasthan



GHG saving

Year	GHG avoided in Million tCO ₂
2021 - 2022	0.000039

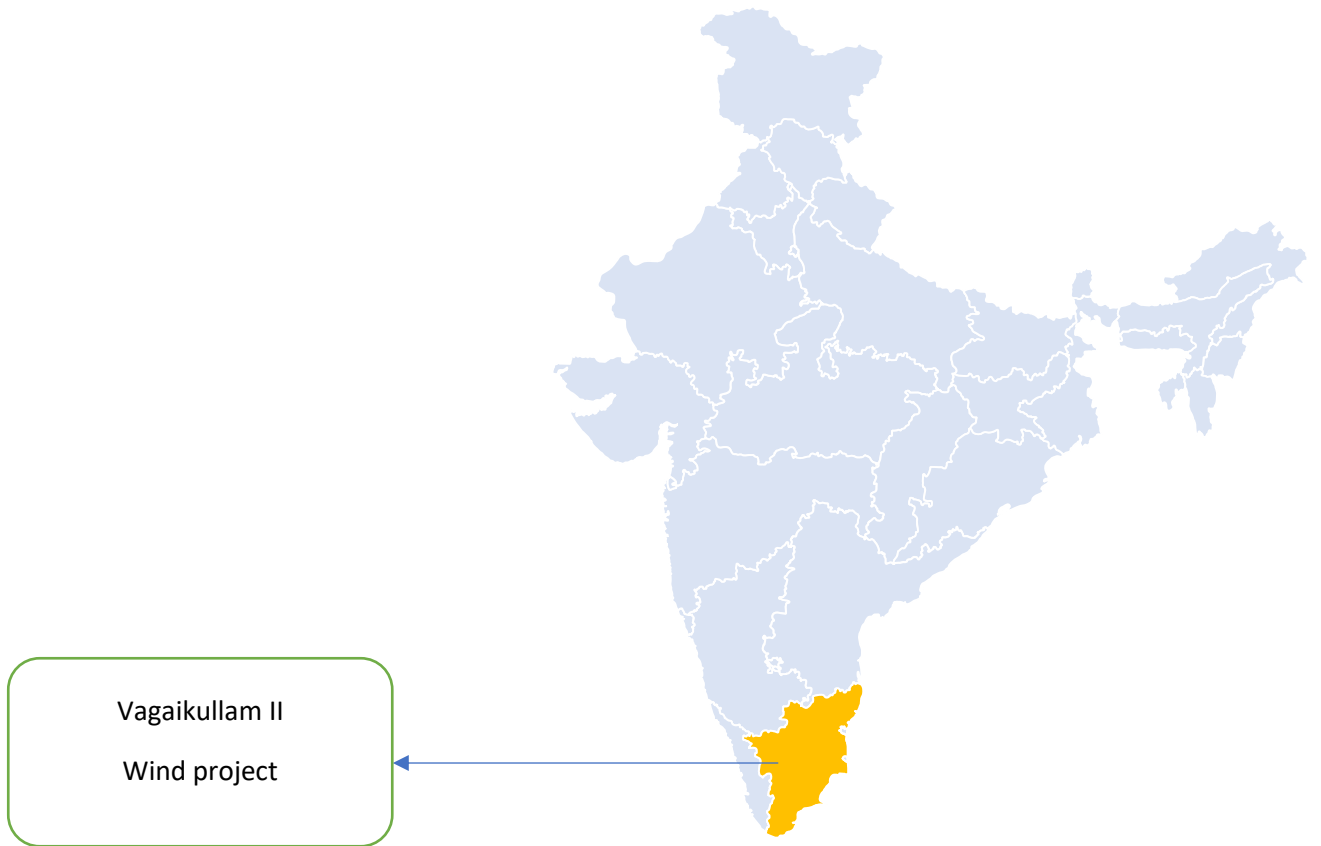
Project 18	Ratedi II
Capacity in MW	24.0
State	Madhya Pradesh



GHG saving

Year	GHG avoided in Million tCO2
2021 - 2022	0.000034

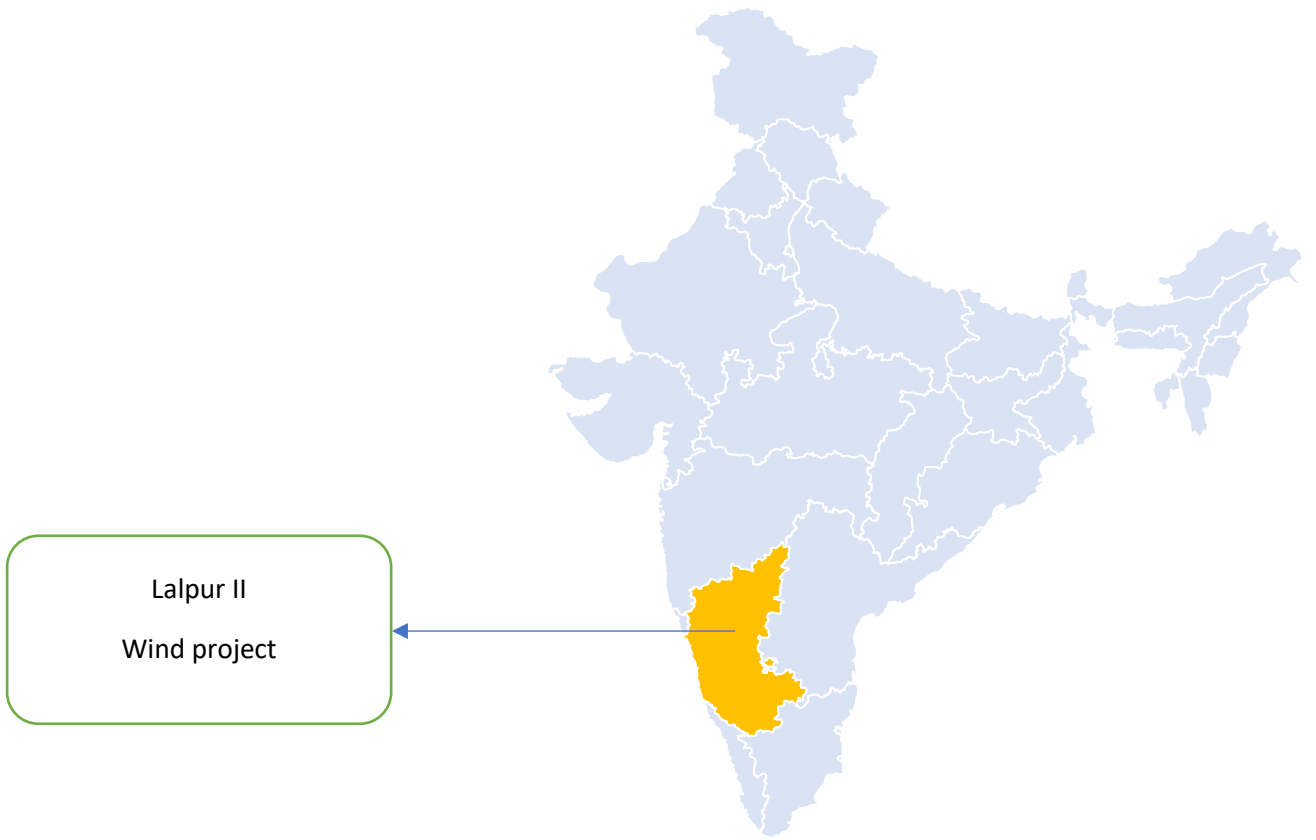
Project 19	Vagaikullam II
Capacity in MW	12.0
State	Tamil Nadu



GHG saving

Year	GHG avoided in Million tCO2
2021 - 2022	0.000021

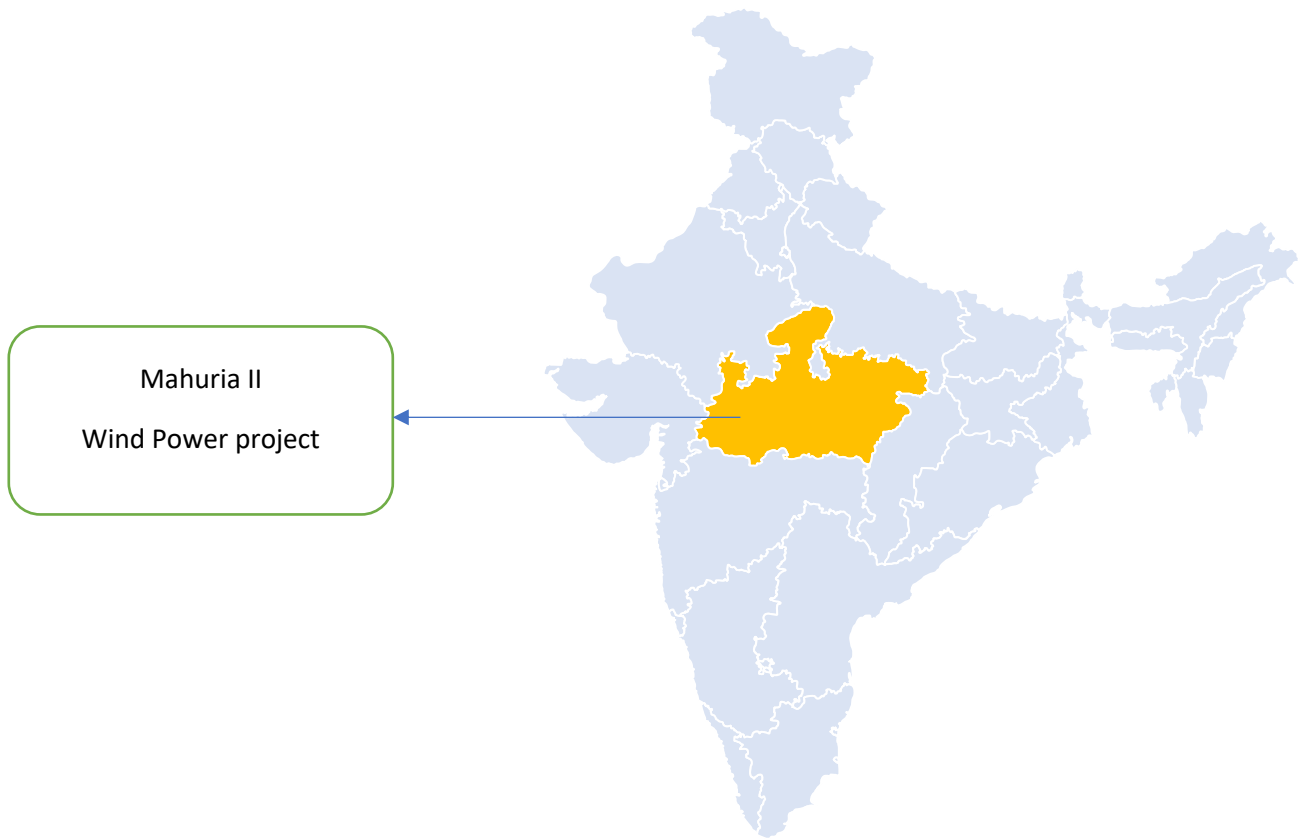
Project 20	Lalpur II
Capacity in MW	12
State	Karnataka



GHG saving

Year	GHG avoided in Million tCO2
2021 - 2022	0.000018

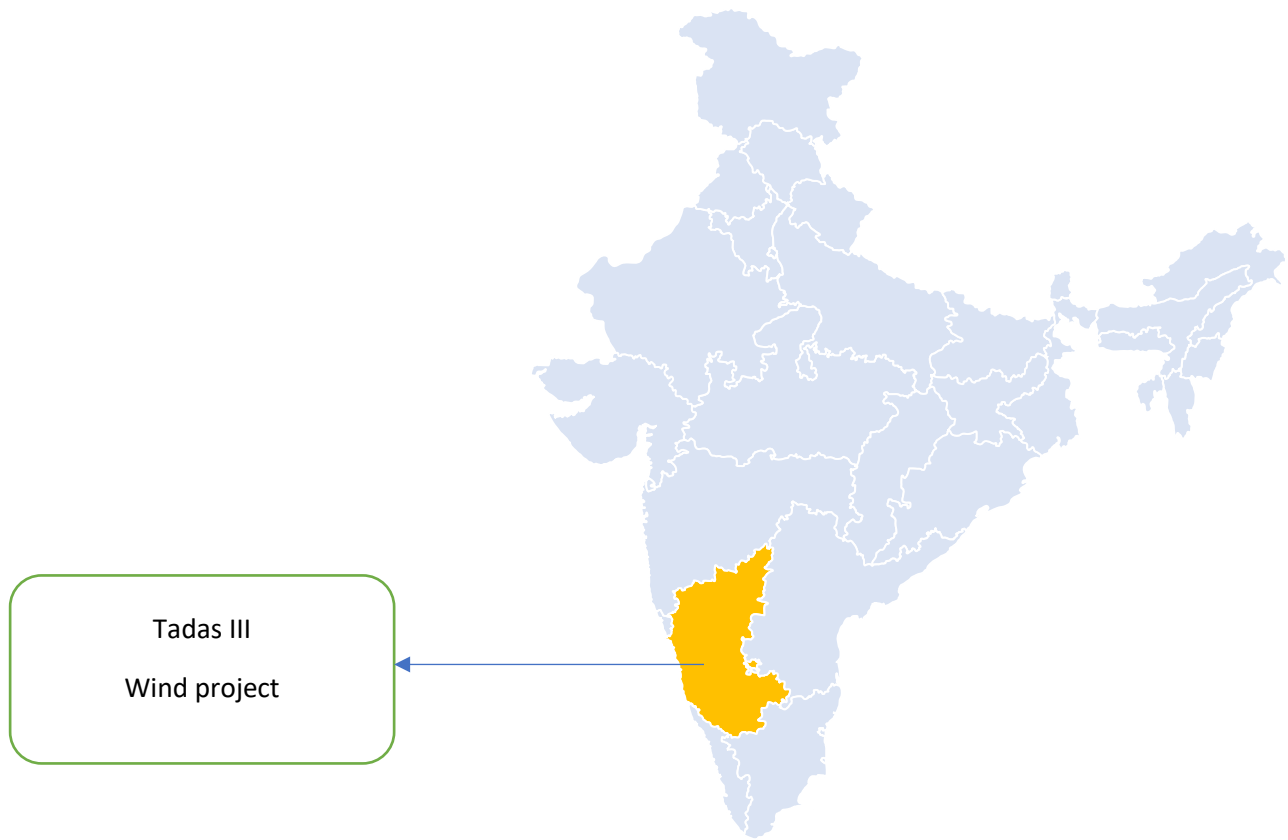
Project 21	Mahuria II
Capacity in MW	56.0
State	Madhya Pradesh



GHG saving

Year	GHG avoided in Million tCO2
2021 - 2022	0.000061

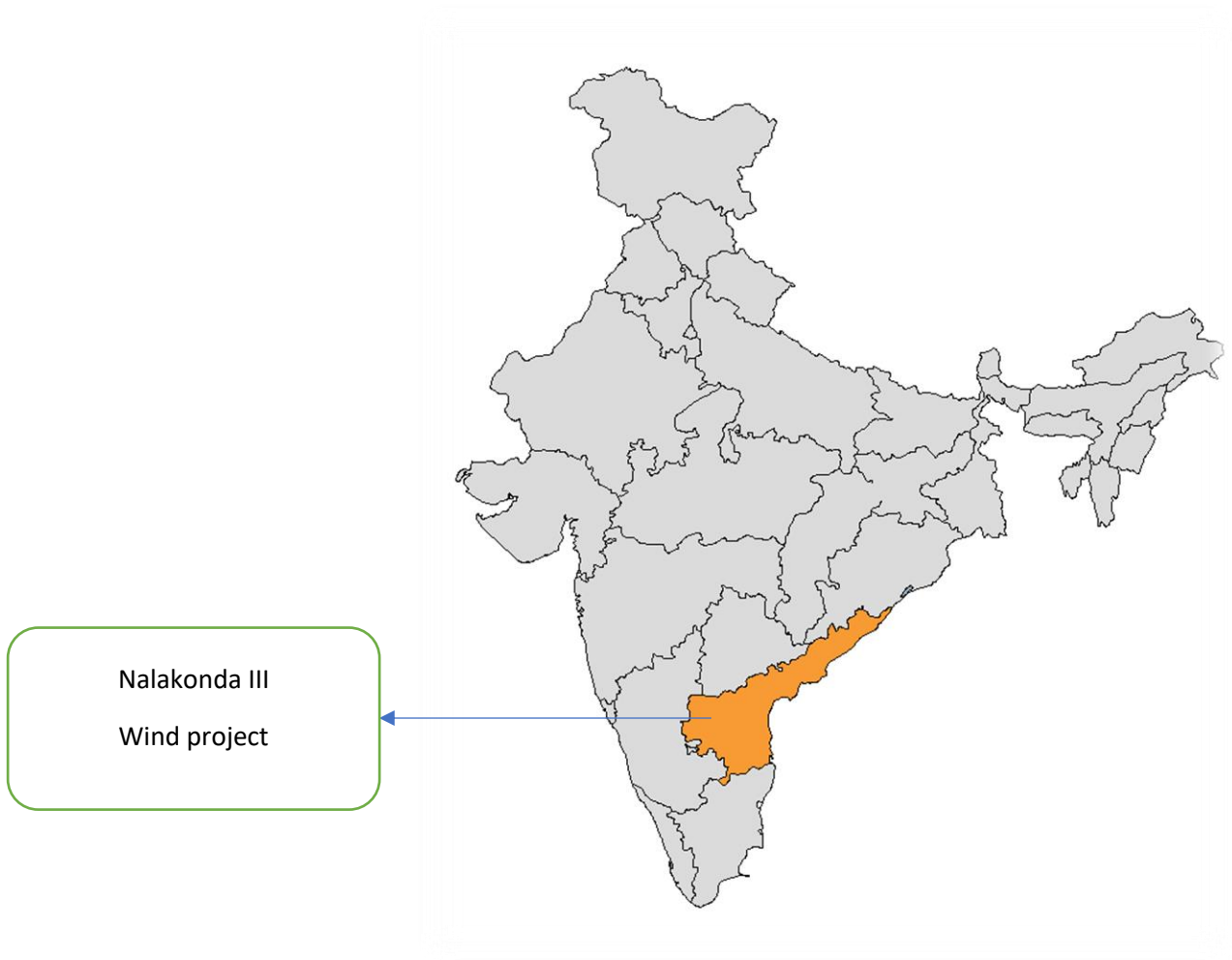
Project 22	Tadas III
Capacity in MW	100.0
State	Karnataka



GHG saving

Year	GHG avoided in Million tCO2
2021 - 2022	0.000112

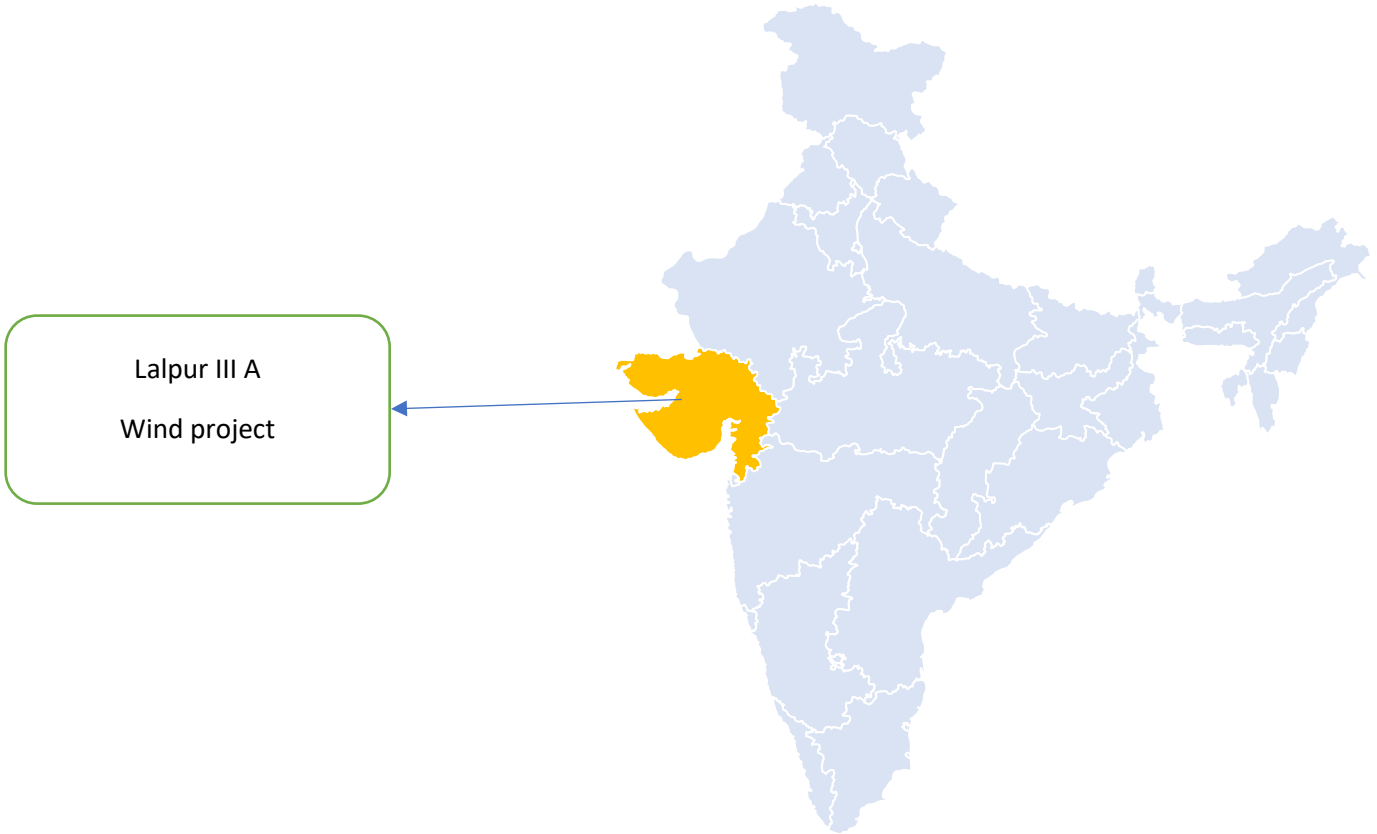
Project 23	Nalakonda III
Capacity in MW	50.4
State	Andhra Pradesh



GHG saving

Year	GHG avoided in Million tCO2
2021 - 2022	0.000070

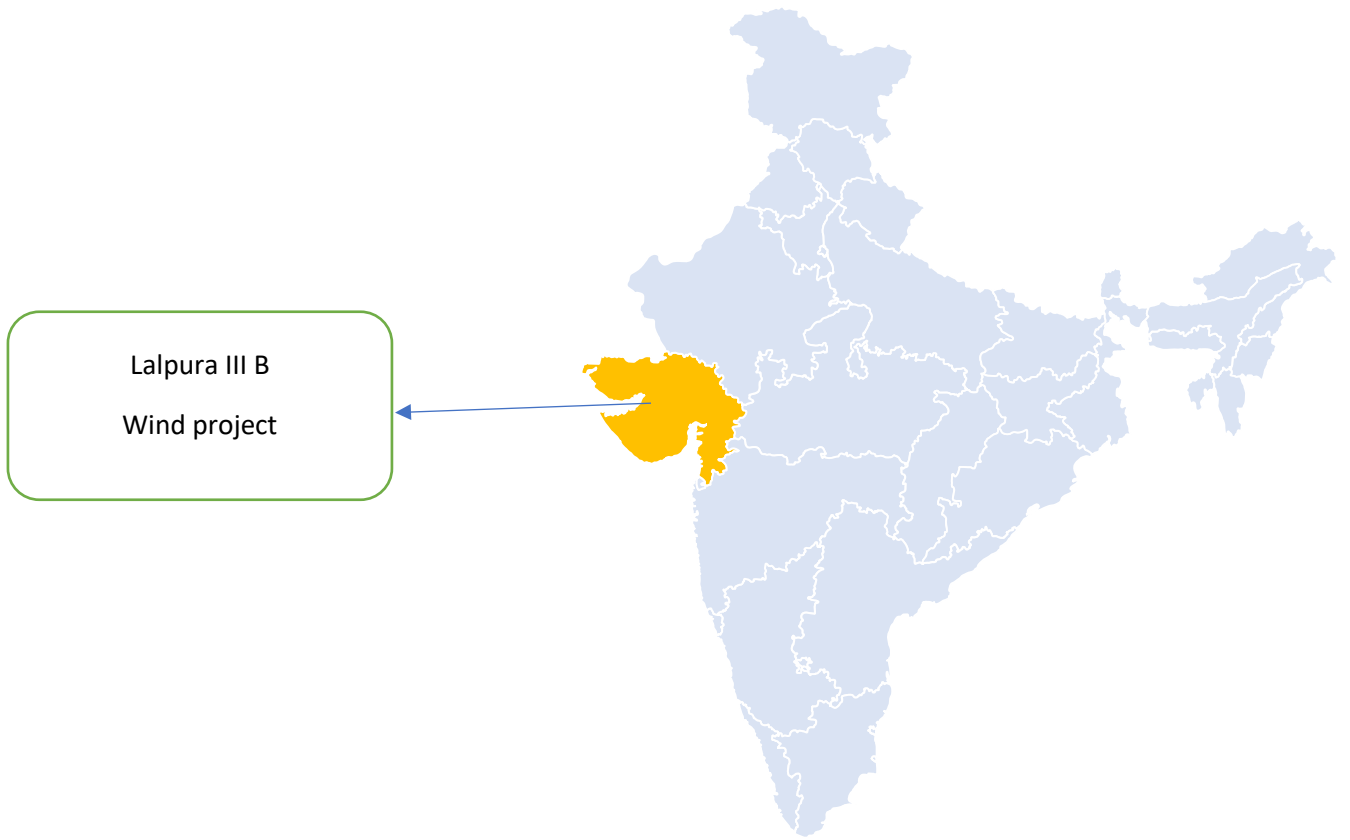
Project 24	Lalpur III A
Capacity in MW	50.0
State	Gujarat



GHG saving

Year	GHG avoided in Million tCO2
2021 - 2022	0.000071

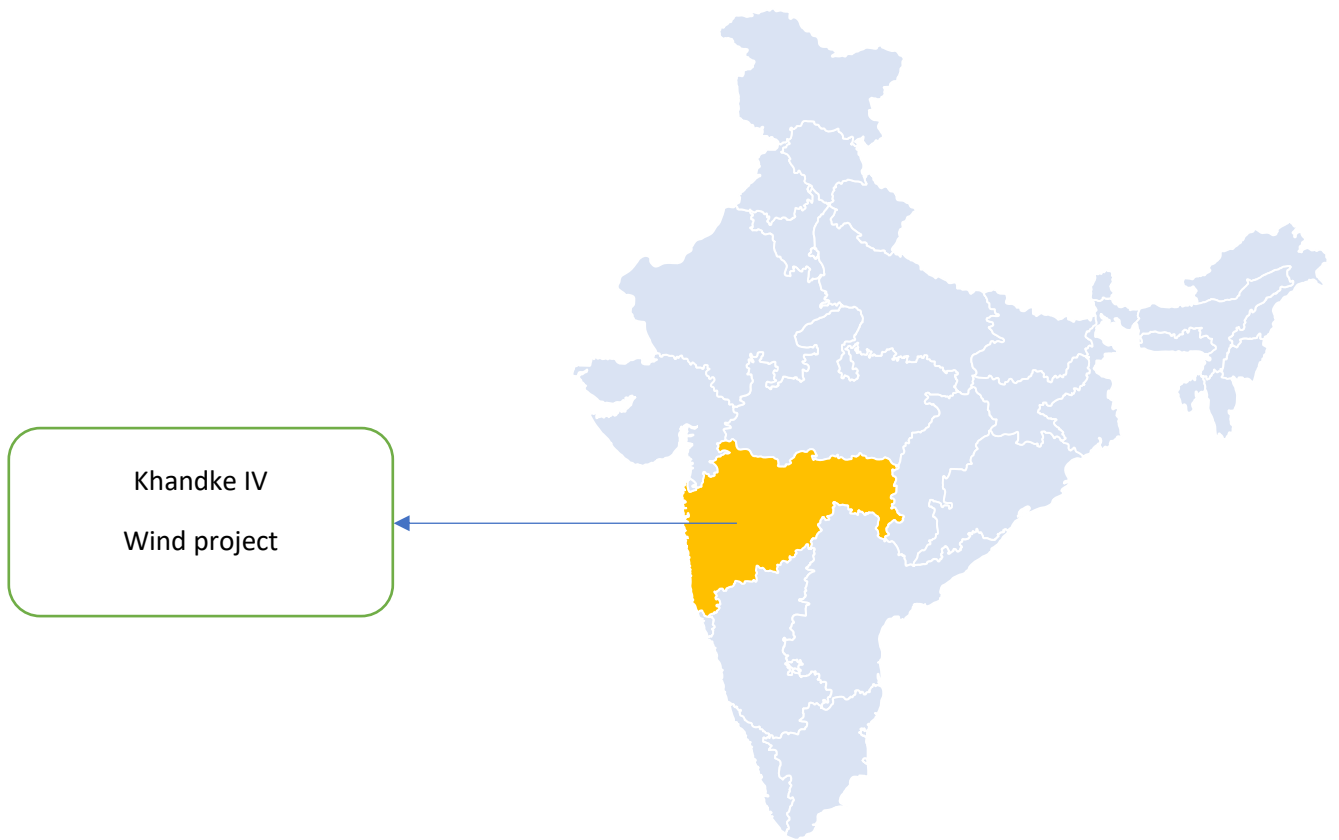
Project 25	Lalpur III B
Capacity in MW	55.2
State	Gujarat



GHG saving

Year	GHG avoided in Million tCO2
2021 - 2022	0.000073

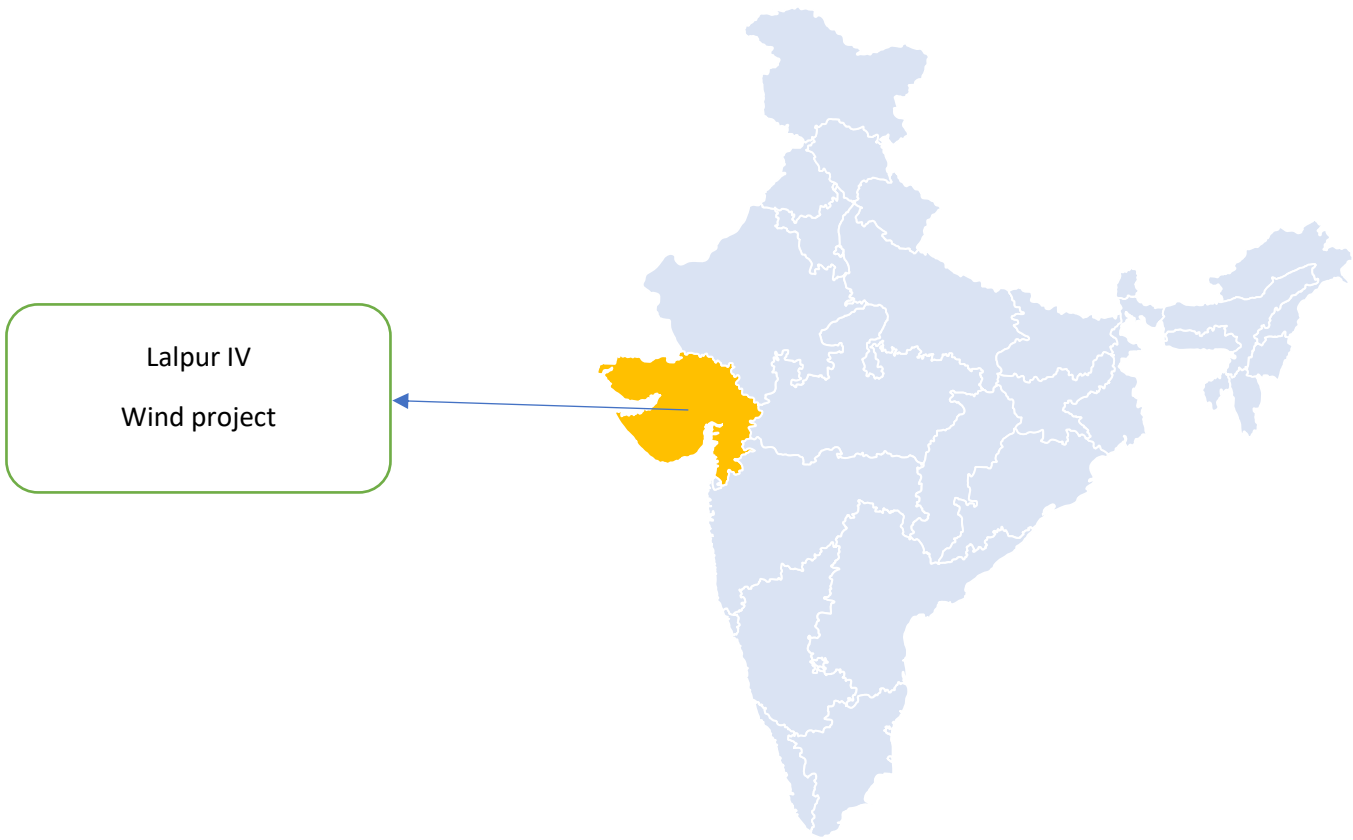
Project 26	Khandke IV
Capacity in MW	40.0
State	Maharashtra



GHG saving

Year	GHG avoided in Million tCO2
2021 - 2022	0.000052

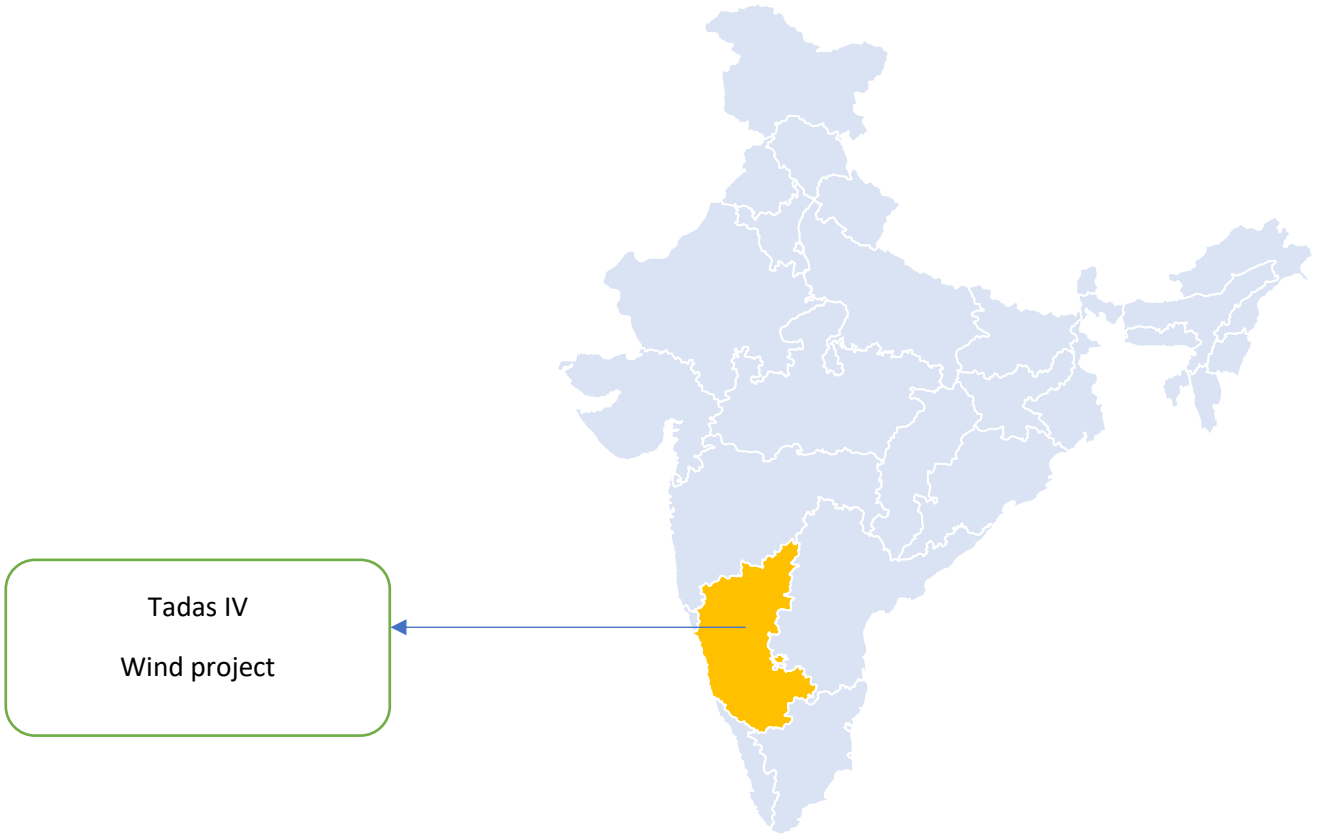
Project 27	Lalpur IV
Capacity in MW	54.4
State	Gujarat



GHG saving

Year	GHG avoided in Million tCO2
2021 - 2022	0.000080

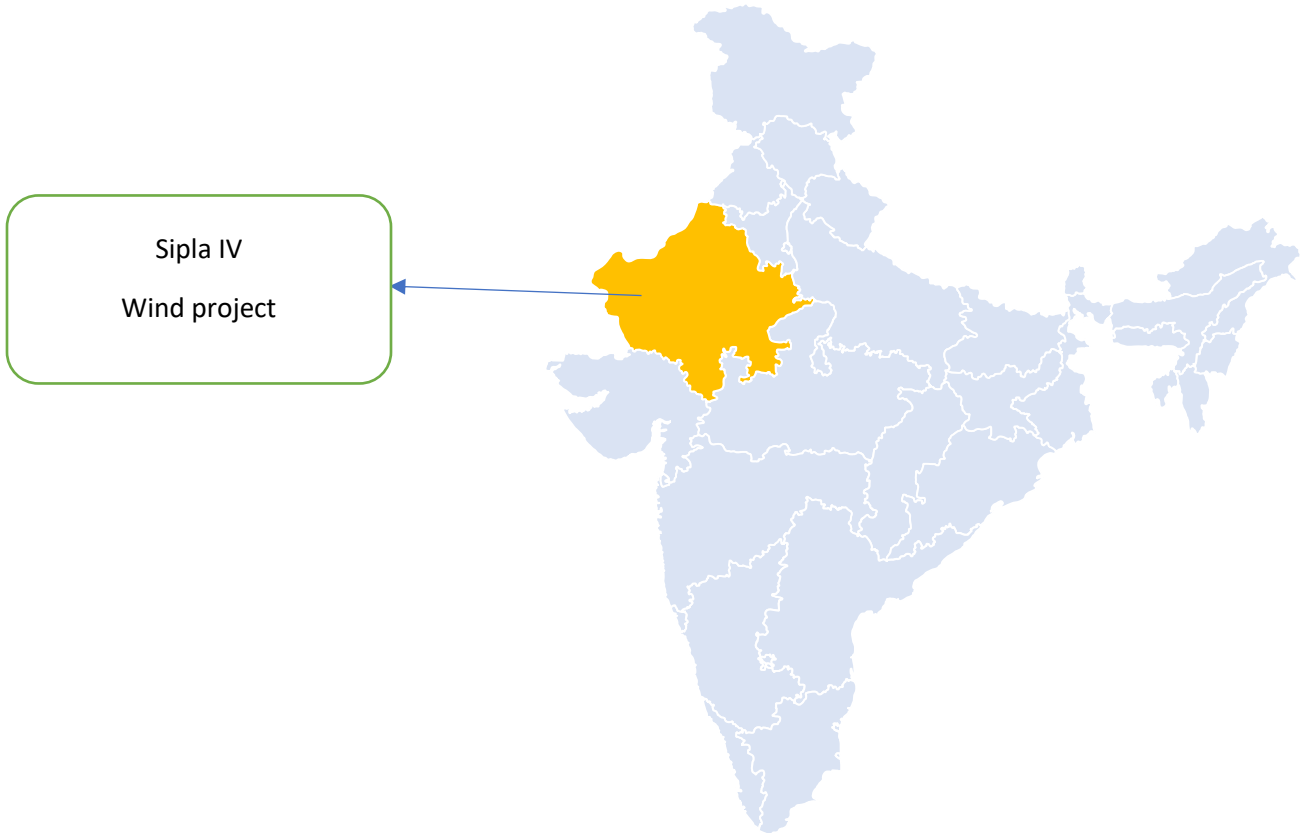
Project 28	Tadas IV
Capacity in MW	44.0
State	Karnataka



GHG saving

Year	GHG avoided in Million tCO2
2021 - 2022	0.000052

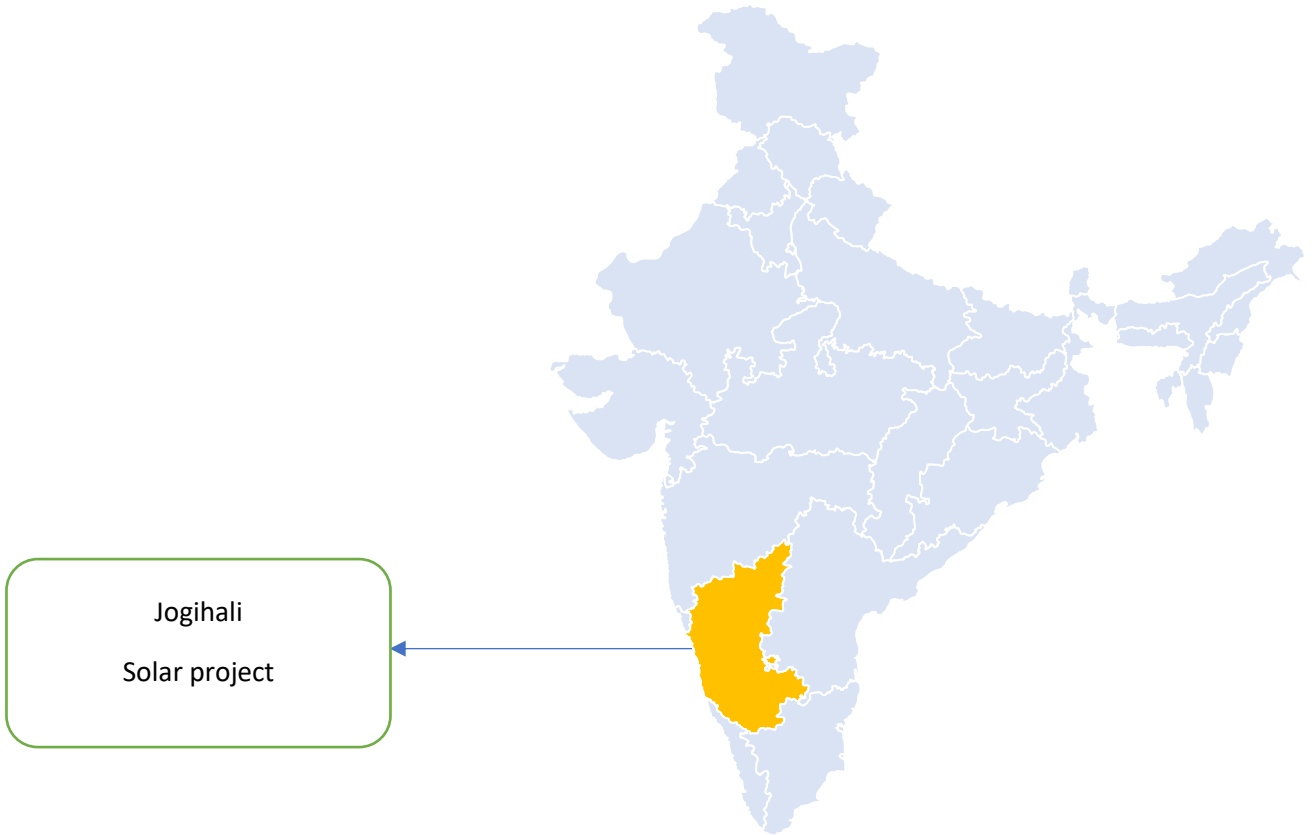
Project 29	Sipla IV
Capacity in MW	38.4
State	Rajasthan



GHG saving

Year	GHG avoided in Million tCO2
2021 - 2022	0.000052

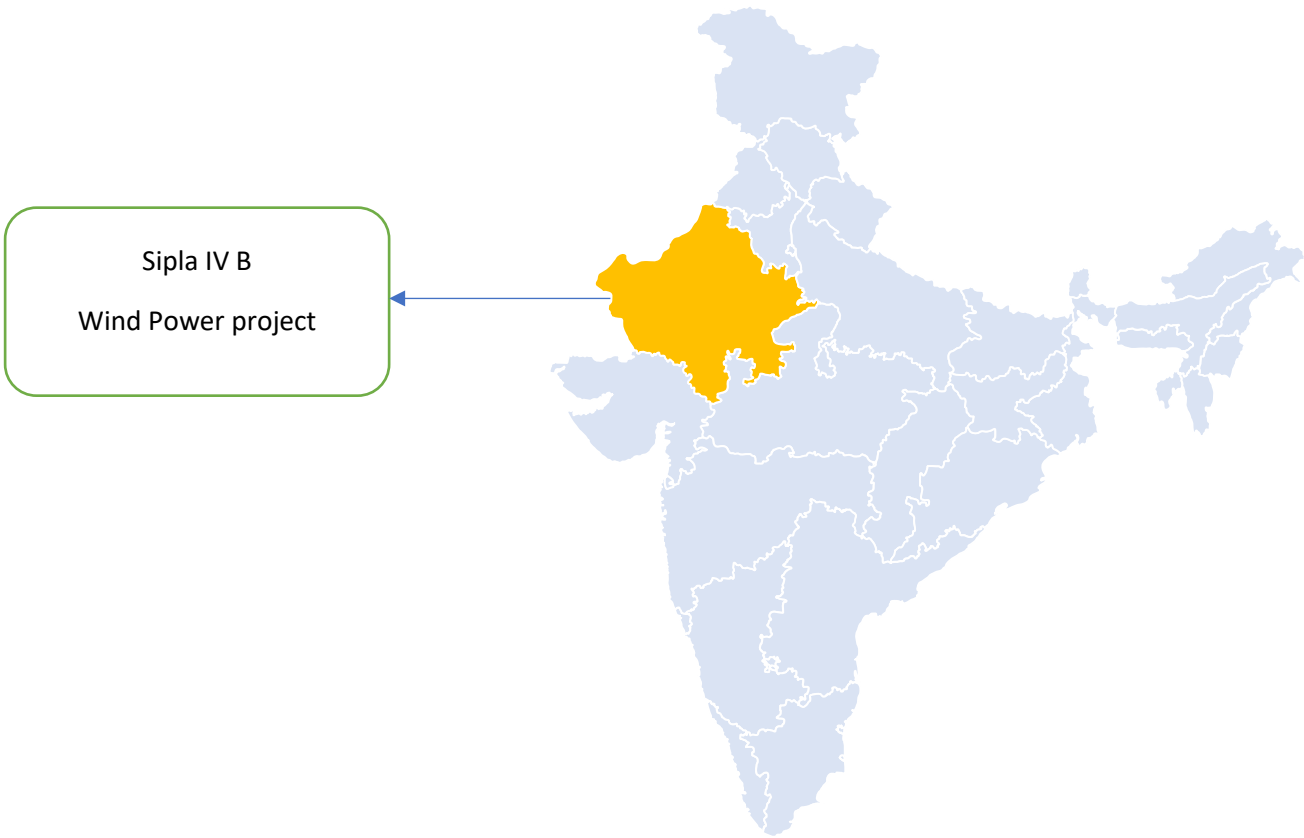
Project 30	Joghali
Capacity in MW	15.2
State	Karnataka



GHG saving

Year	GHG avoided in Million tCO2
2021 - 2022	0.000022

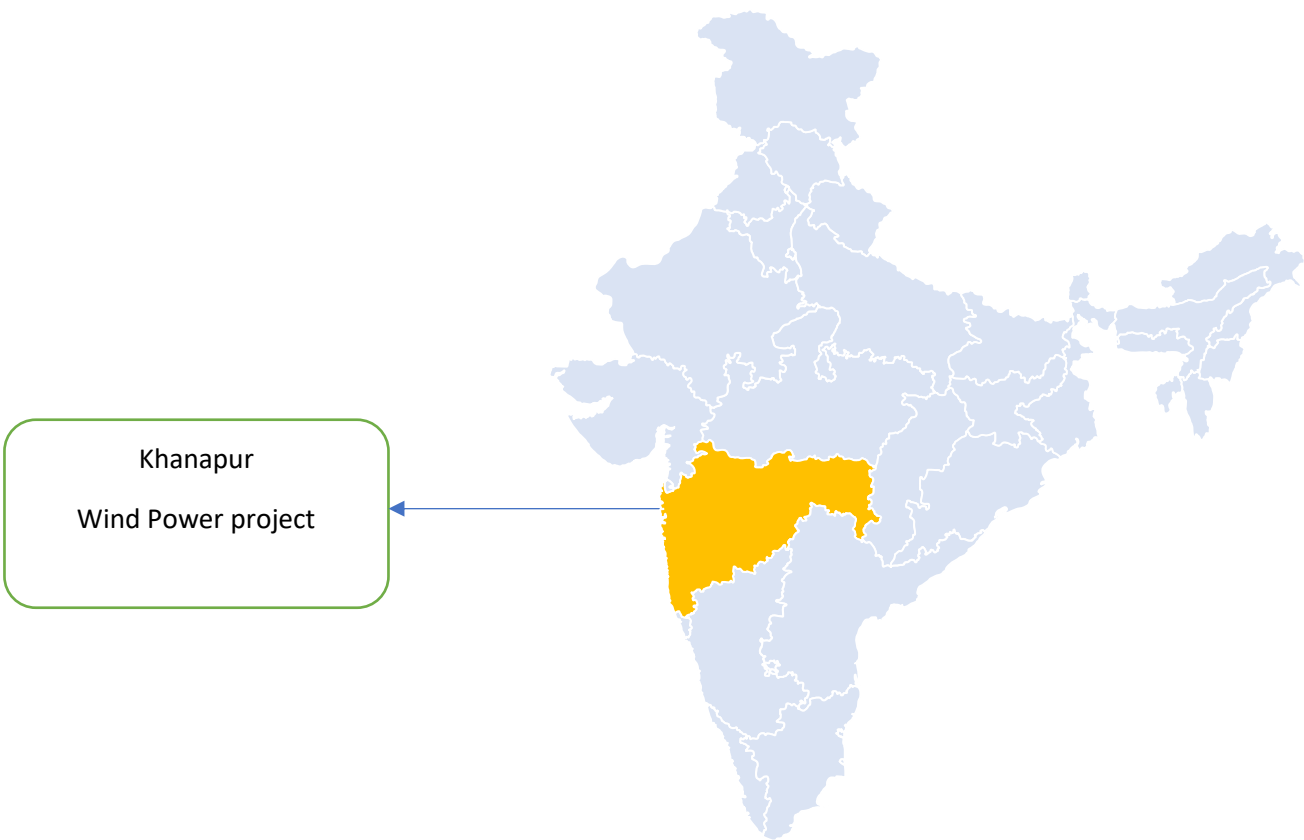
Project 31	Sipla IV B
Capacity in MW	2.4
State	Rajasthan



GHG saving

Year	GHG avoided in Million tCO2
2021 - 2022	0.000003

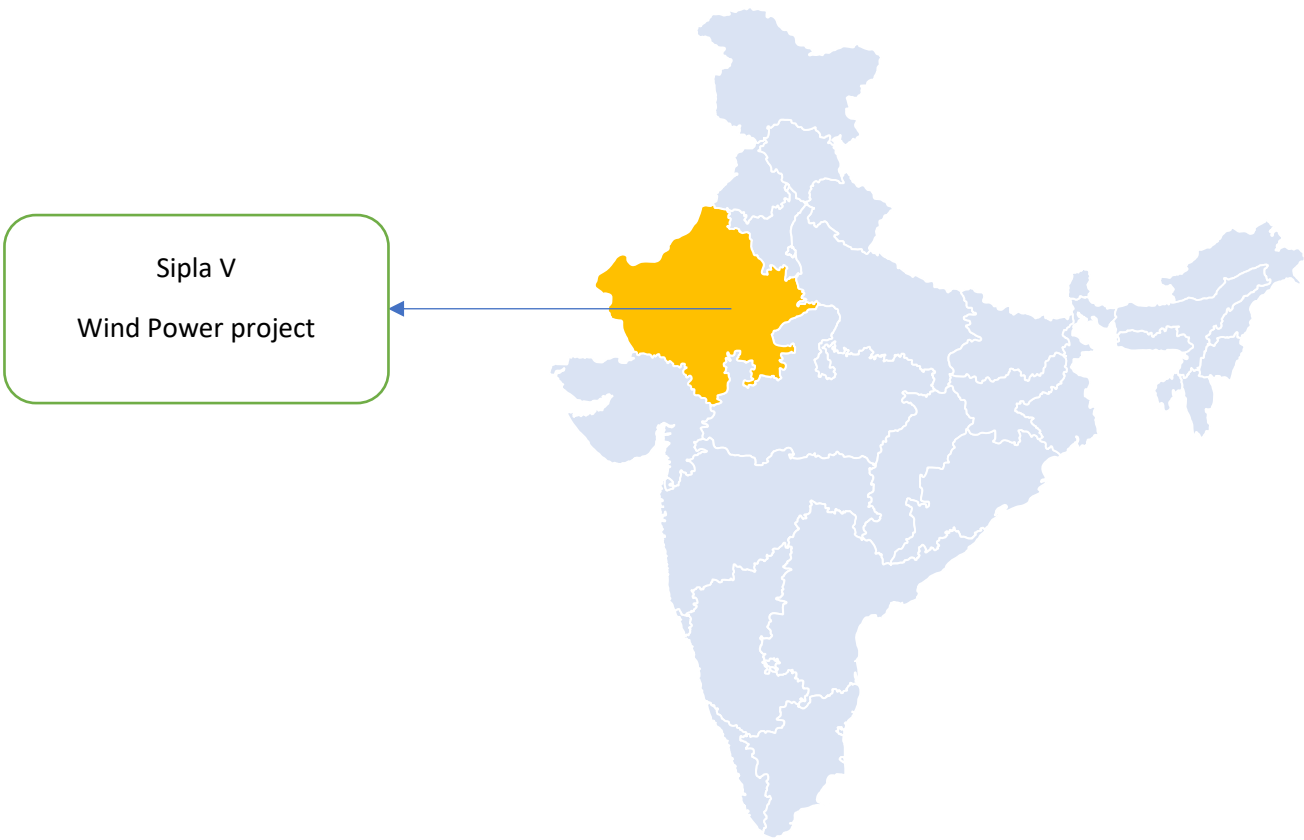
Project 32	Khanapur V
Capacity in MW	32.0
State	Maharashtra



GHG saving

Year	GHG avoided in Million tCO2
2021 - 2022	0.000057

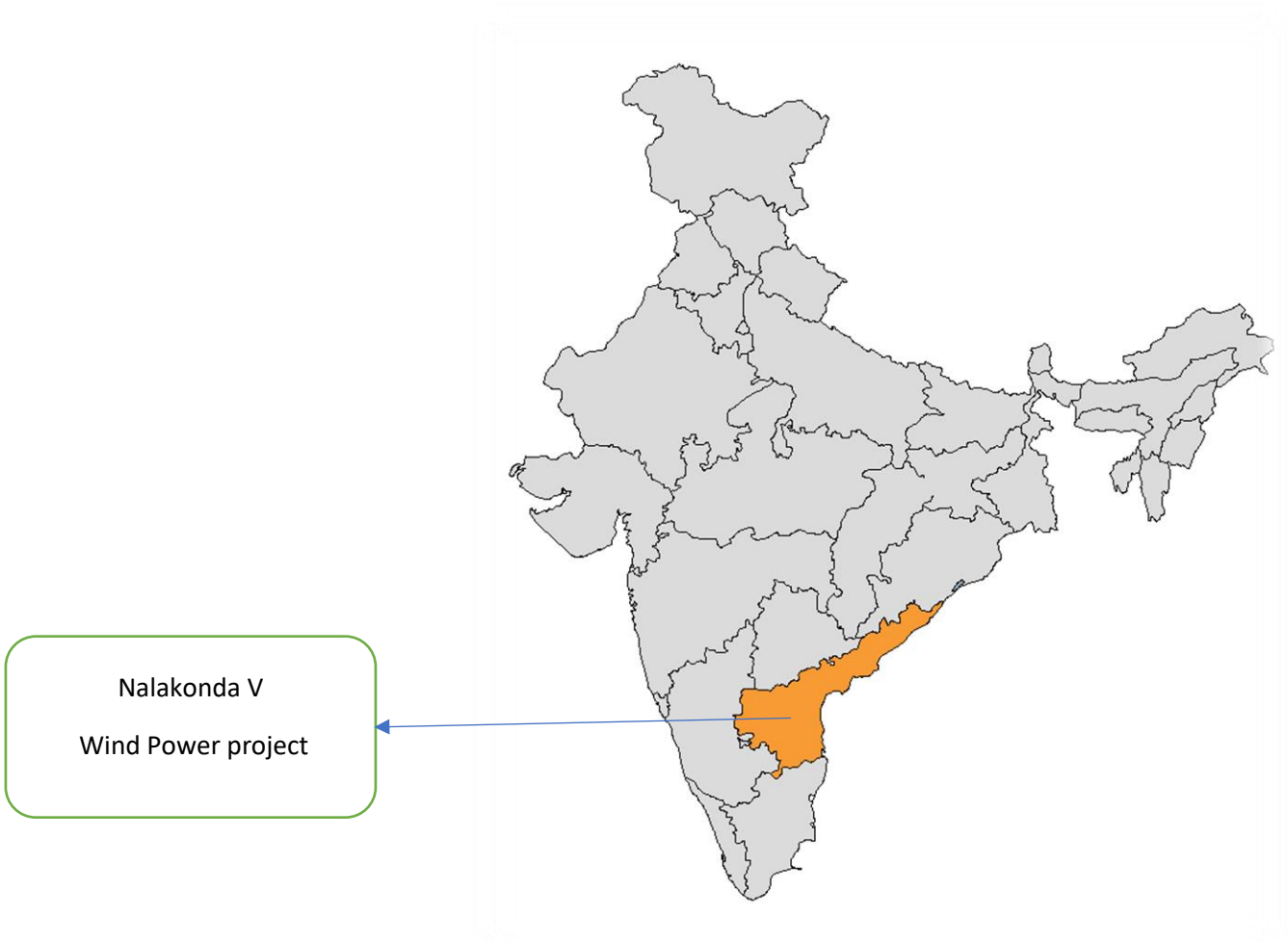
Project 33	Sipla V
Capacity in MW	44.0
State	Rajasthan



GHG saving

Year	GHG avoided in Million tCO2
2021 - 2022	0.000062

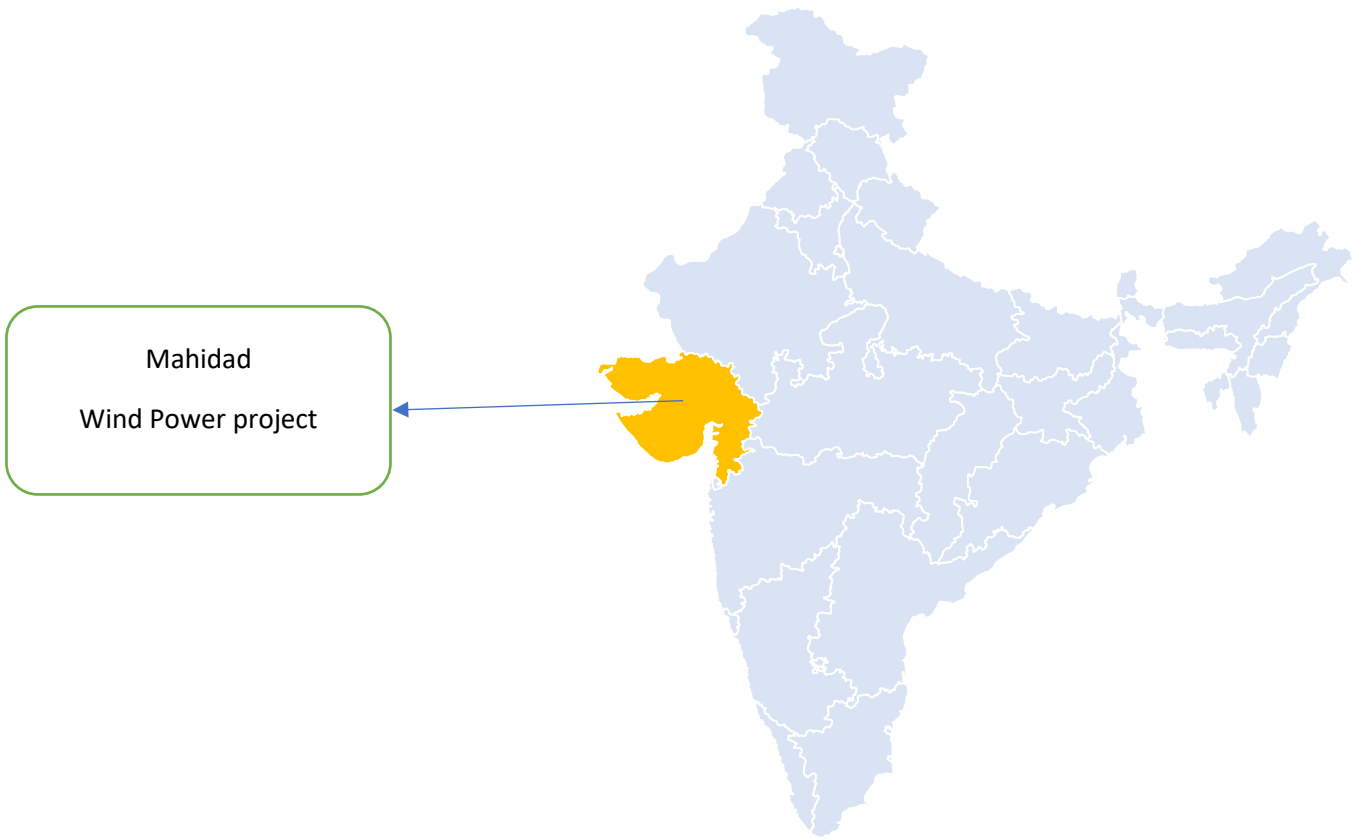
Project 34	Nalakonda V
Capacity in MW	31.2
State	Andhra Pradesh



GHG saving

Year	GHG avoided in Million tCO2
2021 - 2022	0.000043

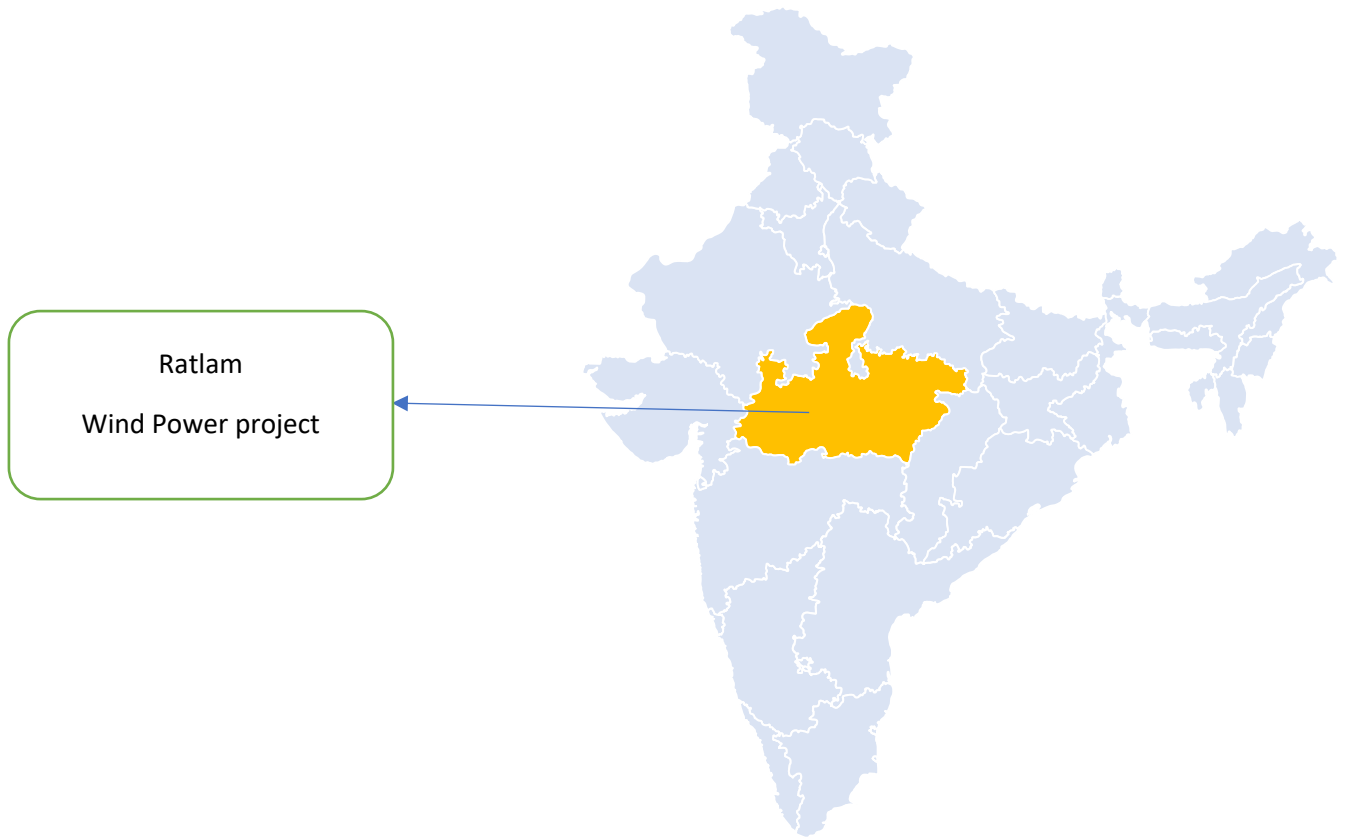
Project 35	Mahidad
Capacity in MW	13.6
State	Gujarat



GHG saving

Year	GHG avoided in Million tCO2
2021 - 2022	0.000020

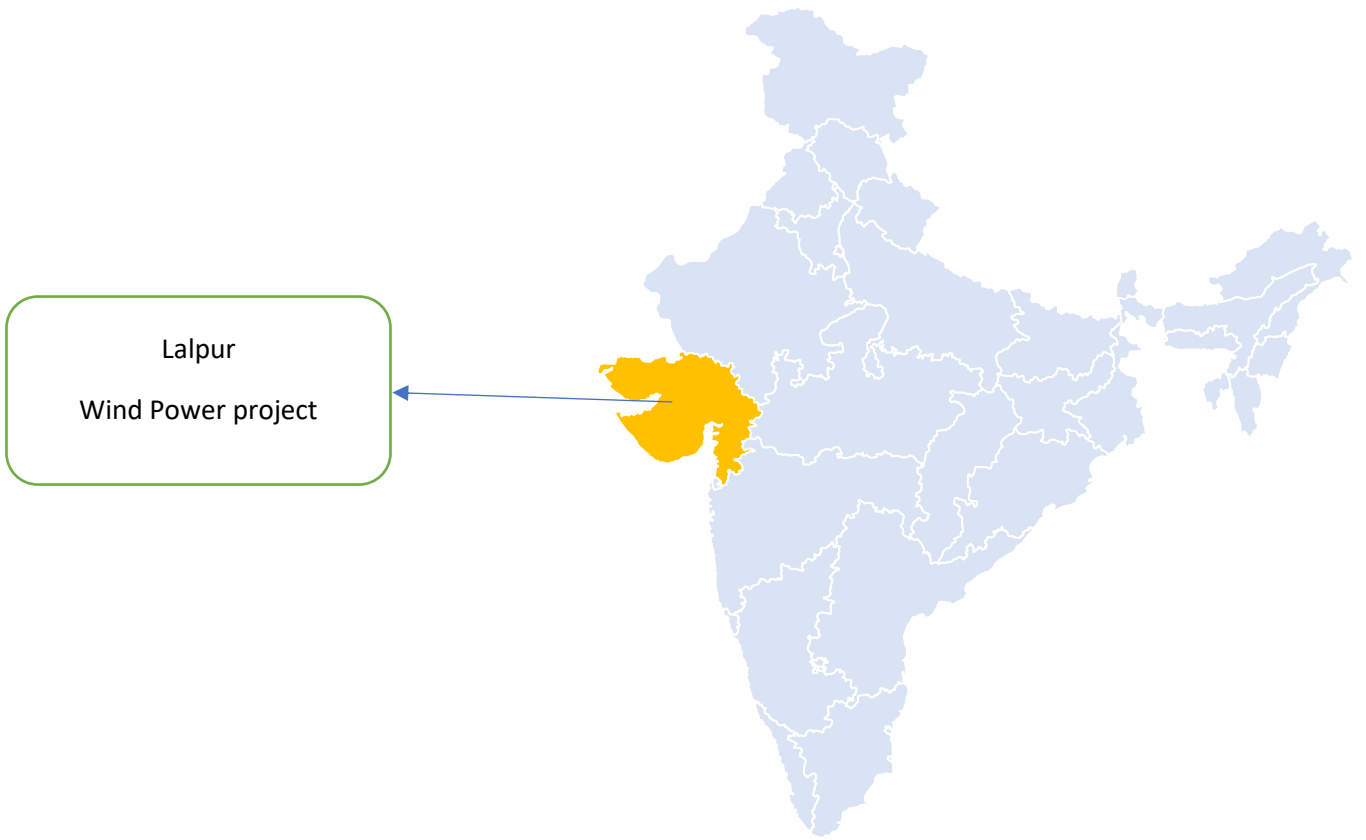
Project 36	Ratlam
Capacity in MW	50.0
State	Madhya Pradesh



GHG saving

Year	GHG avoided in Million tCO2
2021 - 2022	0.000120

Project 37	Lalpur
Capacity in MW	48.3
State	Gujarat



GHG saving

Year	GHG avoided in Million tCO2
2021 - 2022	0.000094



#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
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