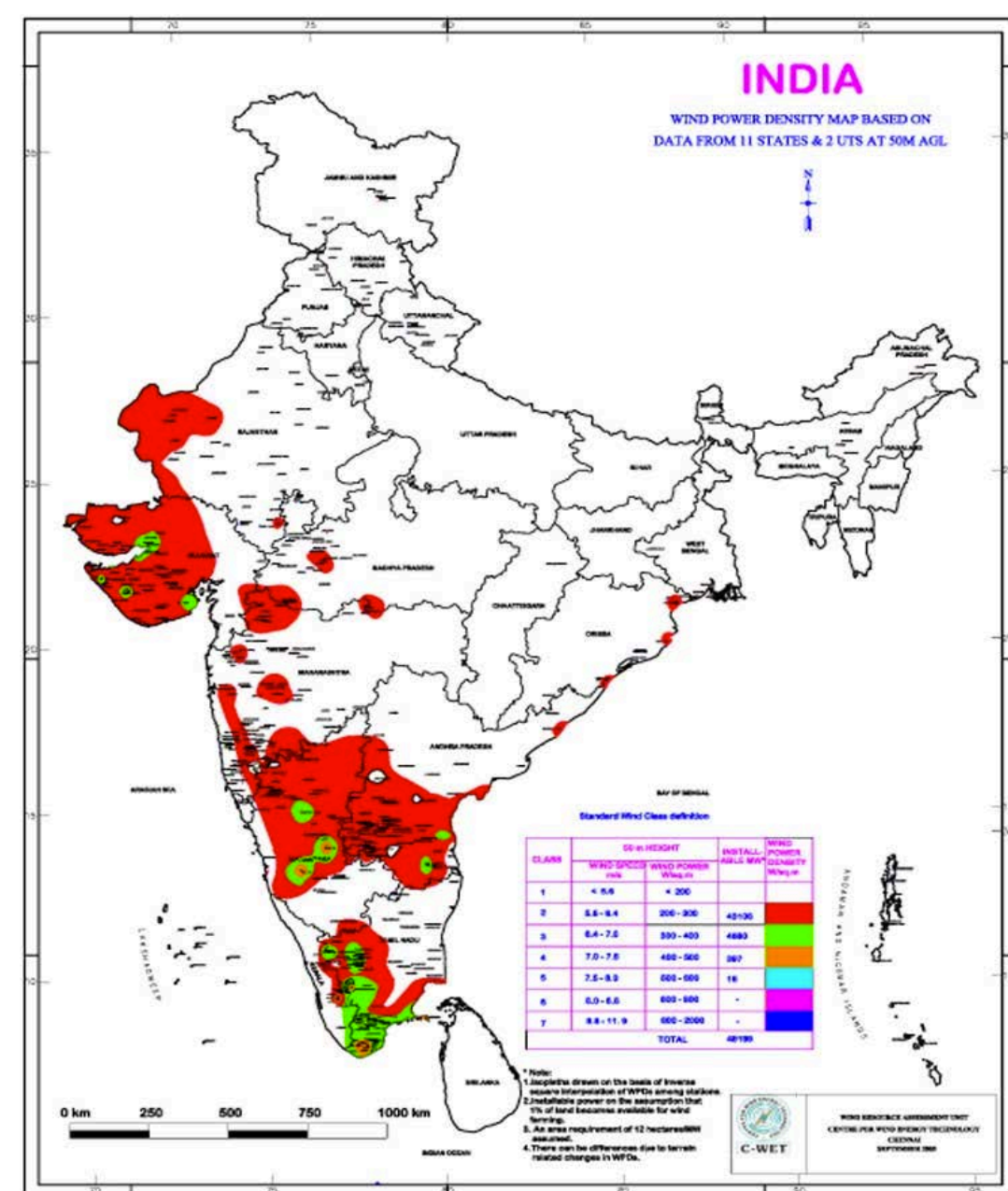


Introduction to Gamesa

- Founded in Spain in the 1970's, currently has a presence in over 54 countries including US, India, China and EU
- Specializes in design, manufacturing, sale of wind turbines and the development and sale of wind farms.
- Internship took place in Gamesa's Indian Operations.
- Main headquarters is located in the city of Chennai and currently operates 3 production facilities in India
- Operates wind farms in 5 states



Internship Structure

Learning Plan

Learning Objective & Goals	Plan to Achieve the Objectives & Goals	When	Who	Where	Assess the Objectives & Goals
List the skills, knowledge, and experience from this rotation.	List the ways in which you plan to achieve these objectives and goals:				Describe how you plan to evaluate or assess the completion of these goals:
1. Environment Management system of Gamesa	a. Training on gamesa environment process	11-15 May 2015	Sathies	OMR	By university guide
	b. Training on gamesa health & Safety process	25-29 May 2015	KP/Prem	OMR	
	c. Practicpate in event management for World environment day 2015	1-5 June 2015	Sathies/Prasanna	OMR	
2. Sustainability practice of Gamesa	a. Sustainability practice at Nacelle plant operations	17-21 Aug 2015	Raja Pazhani/Sathies	Mamandur	By university guide
	b. Sustainability practice at Wind farm under service	20-24 June 2015	Sathies/Prasanna	Udumalpet/Theni	
	c. Sustainability practice at Redhills plant operations	22-26 June 2015	Prem/Sathies	Redhills	
3. Indian environment legal requirements	a. Training on environment legal requirements	18-22 May 2015	Sathies	OMR	By university guide
	b. Training on PCB online system of MPCB, GPCB, TNPCB etc.,	29-03 Jul 2015	Sathies	OMR	
	c. Energy conservation and Green Building certification	06-17 Jul 2015	Sathies	OMR	
4. IFC performance standards	a. Training on IFC PS1-3	27-31 Jul 2015	Sathies	OMR	By university guide
	b. Training on IFC PS 4-8	03-07 Aug 2015	Sathies	OMR	
	c. Training on IFC guidelines on wind energy, toll roads etc.,	10-14 Aug 2015	Sathies	OMR	
5. Environment and social impact assessment for wind farms	a. Training on the methodology adopted to ESIA for wind power projects	8-12 June 2015	Sathies/Prasanna	OMR	By university guide
	b. Site visit to understand about ESIA study for potential wind farm	15-19 June 2015	Prasanna	Kod (MP)	
	c. Sum up, reporting and conclusion	24-31 Aug 2015	Tarun	OMR	



Key Contributions

- Prepared the Corporate Social Responsibility section for the company's annual report
- Completed a Site Impact Assessment for a new warehouse for their Nacelle factory
- Assisted in setting up bird deflectors for a wind turbine in the Udumalpet Wind Farm
- Updated the HSE Database periodically with health and safety incidents and Environmental indicators
- Created a database for various regional plant species suitable for forest recovery.



Learning Opportunities

- Learnt about the International Financial Corporation Reporting Standard
- Assisted in filling the renewal application for operation of the blade plant to the state pollution control board
- Reviewed Environmental Assessment reports for new wind farms and provided comments
- Educational tour of the Hub and Nacelle assembly plants



Main Takeaways

- Sustainability is complex and the challenges vary from different industrial sectors
- An attitude that is favourable to learning goes a long way to achieving your goals
- Culture and Traditions play a role in trying to achieve sustainability in India.

