

## Initial Project Planning Template

Date	14 December 2025
Team ID	SWUID20250254709 (Anshika Arya)
Project Name	Global Energy Trends: A Comprehensive Analysis of Key Regions and Generation Modes.
Maximum Marks	4 Marks

### Product Backlog, Sprint Schedule, and Estimation (4 Marks)

Sprint	Functional Requirement (Epic)	User Story Number	User Story / Task	Story Points	Priority	Team Members	Sprint Start Date	Sprint End Date (Planned)
Sprint-1	Data Collection	USN-1	Collect all CSV datasets (continent, country, renewables, non-renewables, top20).	2	High	Anshika	15-12-2025	15-12-2025
Sprint-1	Data Understanding	USN-2	Inspect file formats, column names, year ranges, create data inventory.	1	High	Anshika	15-12-2025	15-12-2025
Sprint-1	Data Cleaning	USN-3	Trim, rename columns, convert types, remove totals, unpivot country & continent tables.	2	High	Anshika	15-12-2025	16-12-2025
Sprint-2	Data Analysis	USN-4	Create aggregated tables, compute totals, prepare renewable vs non-renewable summaries.	2	High	Anshika	16-12-2025	16-12-2025
Sprint-2	Visualization	USN-5	Create line, area, donut, stacked bars, top-N country visuals.	2	High	Anshika	16-12-2025	16-12-2025
Sprint-2	Trend Analysis	USN-6	Year-on-year growth measures and trend KPIs.	1	Medium	Anshika	17-12-2025	17-12-2025

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Sprint-3	Dashboard Creation	USN-7	Assemble 3 pages: Global Overview, Renewable Deep Dive, Country & Regional Analysis.	2	High	Anshika	17-12-2025	17-12-2025
Sprint-3	Performance Testing	USN-8	Test filter responsiveness, page load times, validate measures.	1	Medium	Anshika	18-12-2025	18-12-2025
Sprint-3	Documentation	USN-9	Prepare project report, demo script and deliverables.	1	High	Anshika	19-12-2025	19-12-2025