

EasyMy Learning Pvt. Ltd.

Prompt Book 17: Environment & Sustainability

Inspire green innovations, eco-projects, and sustainable lifestyles through intelligent prompts.

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Green business marketing plans

1. Prompt 1 – Social Media Content Calendar for an Eco-friendly Café

– Social Media Content Calendar for an Eco-friendly Café Backstory: Neha, 29, left her corporate job in Pune to follow her passion for food and sustainability. She opened a solar-powered café that sources ingredients from local organic farms. While her café has a loyal neighbourhood following, she struggles to reach younger eco-conscious customers on Instagram. Most of her posts are ad-hoc, without a clear theme or consistency. She believes if her content could blend sustainability tips, local farmer stories, and behind-the-scenes moments, she could attract more customers who value both taste and ethics. Goal: **Create** a 3-month Instagram content calendar blending sustainability education, behind-the-scenes posts, and seasonal offers to attract eco-conscious millennials. Prompt: "**You are** a social media strategist for eco-friendly businesses. **Create** a 3-month Instagram content calendar for a solar-powered café in Pune, mixing educational posts on sustainability, customer testimonials, seasonal offers, and behind-the-scenes videos. **Include** post captions, hashtags, and ideal posting times for maximum engagement." Inputs: Business name Location Signature products Budget for ads Posting frequency preference



2. Prompt 2 – Influencer Collaboration Proposal for Bamboo Furniture

– Influencer Collaboration Proposal for Bamboo Furniture Backstory: Kabir, 32, is an architect turned entrepreneur in Pune who designs bamboo furniture with a modern, minimalist touch. His brand is known for being eco-friendly and promoting traditional bamboo craftsmanship from Northeast India. While his website gets steady orders, he believes influencer partnerships could significantly boost brand visibility among urban millennials. He wants to target influencers who not only have large followings but also align with eco-conscious living, home décor, and sustainable lifestyle content. He needs a pitch that feels genuine, collaborative, and mutually beneficial. Goal: Draft a collaboration pitch to Indian influencers that highlights the sustainability aspect and mutual benefits. Prompt: "**You are** a marketing copywriter. Draft a professional yet friendly influencer outreach email for a bamboo furniture brand, highlighting eco-friendly production, local craftsmanship, and mutual brand growth. **Include** proposed collaboration ideas such as Instagram Reels, YouTube home tours, and giveaways." Inputs: Influencer name/handle Brand story Product highlights Proposed budget or barter terms



3. Prompt 3 – Green Marketing Plan for D2C Beauty Brand

– Green Marketing Plan for D2C Beauty Brand Backstory: Ananya, 27, started a chemical-free skincare line in her Mumbai kitchen during the lockdown, using locally sourced herbs and oils. Her products quickly gained popularity among friends and family for their quality and minimal packaging. Encouraged by the response, she launched her online store last year. However, with so many D2C beauty brands in India, she's struggling to stand out. She knows her eco-friendly packaging and transparency in sourcing could be a big differentiator if marketed well. She needs a structured 6-month marketing plan to establish herself as a trusted, sustainable brand in the competitive beauty market. Goal: **Create** a digital-first marketing strategy highlighting sustainability and transparency. Prompt: "**You are** a marketing consultant for sustainable beauty brands. **Design** a 6-month D2C marketing plan for a chemical-free skincare line in India, focusing on eco-friendly packaging, sourcing transparency, and educational campaigns. **Include** content ideas, ad strategies, influencer tie-ups, and sustainability storytelling." Inputs: Target audience demographics

Key product categories Monthly marketing budget USP (Unique Selling Proposition)

4. Prompt 4 – Corporate Green Image Campaign

– Corporate Green Image Campaign Backstory: A mid-sized IT company in Hyderabad has been implementing eco-friendly workplace practices for the last 3 years — waste segregation, a paperless office policy, and switching to renewable energy for their campus. However, most of these efforts are only known internally. The management wants to position the company as a leader in corporate sustainability, attracting both environmentally aware clients and potential hires. They believe a year-long campaign combining internal engagement and public visibility could build this image. They want it tied to measurable outcomes and backed by consistent storytelling. Goal:

Design a CSR-linked campaign that positions the company as environmentally responsible.

Prompt: "**You are** a corporate communication strategist. **Create** a year-long 'Green Workplace' campaign plan for an IT company in India, linking internal initiatives (waste segregation, carpooling drives) with public outreach (press releases, LinkedIn posts, webinars). Highlight measurable impact and visual branding ideas." Inputs: Company size CSR budget Current sustainability initiatives Preferred communication channels

5. Prompt 5 – Sustainability Report Visualisation

– Sustainability Report Visualisation Backstory: Raghav, 31, runs a biodegradable packaging company that supplies to several well-known FMCG brands in India. Every year, he publishes an impact report showing metrics like waste reduced, water saved, and carbon offset. The numbers are impressive, but the current report is text-heavy and not very engaging. Investors, partners, and clients have hinted they'd prefer a more visual, easy-to-digest format. Raghav wants the report to inspire confidence, communicate impact, and also serve as a marketing tool that can be shared online. Goal: Transform sustainability metrics into a compelling investor-ready presentation.

Prompt: "**You are** a sustainability data storyteller. Convert the company's environmental impact data (waste reduced, water saved, carbon offset) into a visually engaging investor deck. Use infographics, comparison charts, and short narratives to highlight both business growth and positive environmental outcomes." Inputs: Environmental impact data Brand colour palette Investor priorities (ROI, social impact) File format preference (PPT/PDF)

6. Prompt 6 – Localised Green Campaign for Tier-2 Cities

– Localised Green Campaign for Tier-2 Cities Backstory: A solar water heater company based in Ahmedabad has been successful in metro markets like Mumbai and Delhi but now wants to enter Tier-2 cities such as Indore, Nagpur, and Jaipur. The challenge is that homeowners in these cities are not as familiar with the cost and environmental benefits of solar heating. The company's marketing so far has been generic, with no localised cultural references or language adaptations. Management believes that city-specific campaigns—featuring local influencers, dialects, and relatable use cases—will help build trust and drive adoption. Goal: **Create** a localised awareness campaign targeting eco-conscious homeowners in Tier-2 cities. Prompt: "**You are** a regional marketing strategist. **Create** a three-city campaign for promoting solar water heaters in Indore, Nagpur, and Jaipur. For each city, outline key messaging in the local language, partnerships with local influencers, offline events (like demo days in community centres), and social media campaigns tailored to local culture. **Include** timelines and expected engagement metrics." Inputs:

Product USP Target city Local language content preference Marketing budget per city

7. Prompt 7 – Green Startup Launch Plan

– Green Startup Launch Plan Backstory: Ishita, 26, has developed a subscription-based service delivering eco-friendly cleaning products to urban households in Delhi NCR. All products come in refillable bottles, reducing plastic waste. She's ready to launch in 3 months but has no prior marketing experience. Ishita wants a structured, phased plan that creates buzz before launch, educates customers on the product benefits, and sustains interest after launch. She also wants to position her startup as a community-driven, sustainability-first brand to differentiate from regular cleaning product companies. Goal: **Design** a pre-launch and post-launch marketing strategy for an eco-friendly cleaning products startup. Prompt: "**You are** a brand launch strategist for sustainable startups. **Create** a 6-month marketing plan for launching an eco-friendly cleaning products subscription service in Delhi NCR. **Include** pre-launch teaser campaigns, launch day events, influencer tie-ups, content marketing strategies, and customer retention ideas. Ensure that sustainability and refill culture are core to all messaging." Inputs: Target customer profile Product range Launch budget Preferred marketing channels

8. Prompt 8 – Green Retail Store Experience Design

– Green Retail Store Experience **Design** Backstory: A chain of organic grocery stores in Bengaluru wants to rebrand itself as not just a place to shop, but as a destination for sustainable living experiences. They want to integrate in-store events, educational corners, and digital engagement for customers. Currently, their store layout is functional but not particularly inspiring. Management wants the new experience to encourage repeat visits, social media sharing, and community building, particularly among the 20–35 age group who are interested in healthy living. Goal: **Create** an experiential marketing plan for a green retail chain. Prompt: "**You are** an experiential marketing consultant. **Design** an in-store and online engagement plan for an organic grocery chain in Bengaluru. **Include** eco-friendly visual merchandising, QR codes linking to farmer stories, monthly zero-waste workshops, Instagrammable display corners, and loyalty programs rewarding sustainable choices. **Provide** a month-by-month rollout plan." Inputs: Store size and locations Current customer demographics Event hosting capacity Budget for redesign

9. Prompt 9 – Green Festival Campaign

– Green Festival Campaign Backstory: A solar lantern manufacturer from Jaipur wants to leverage Diwali for a major marketing push. Traditionally, Diwali involves high energy consumption and plastic decorations, but the brand wants to position solar lighting as both eco-friendly and cost-effective. They aim to tap into the sentiment of celebrating responsibly without losing cultural charm. Their target audience is young urban families who want to keep traditions alive while reducing environmental impact. Goal: **Design** a festive-season marketing campaign promoting solar lanterns as the perfect Diwali gift. Prompt: "**You are** a festive marketing specialist. **Create** a Diwali campaign for a solar lantern brand targeting urban millennials in India. **Include** culturally resonant storytelling, influencer-led décor ideas, eco-gifting packages, user-generated content challenges, and special festive discounts. Ensure the campaign blends tradition with sustainability." Inputs: Product pricing Festive marketing budget Preferred sales channels (online/offline) Target cities



10. Prompt 10 – University Sustainability Challenge

– University Sustainability Challenge Backstory: A composting equipment startup in Chennai wants to engage directly with the youth to build long-term brand awareness. They see universities as a perfect entry point to educate students about waste management. Their idea is to sponsor a “Sustainability Challenge” across multiple campuses where students create zero-waste projects. However, they need a marketing framework that promotes the challenge, engages students actively, and aligns the brand with youthful innovation. Goal: **Create** a youth-focused campaign positioning the brand as a sustainability enabler. Prompt: "**You are** a youth marketing strategist. **Design** a university-level ‘Sustainability Challenge’ campaign for a composting startup. **Include** pre-event awareness drives, social media challenges, branded merchandise, on-campus workshops, and post-event digital showcases. Ensure the campaign builds the brand’s credibility as a youth-oriented sustainability leader." Inputs: Number of universities to target Campaign duration Event budget Rewards/prizes for participants



11. Prompt 11 – Zero-Waste Wedding Marketing Campaign

– Zero-Waste Wedding Marketing Campaign Backstory: A wedding planning company in Udaipur has decided to specialise in eco-friendly, zero-waste weddings. Their team sources local flowers, uses reusable décor, and works with caterers who compost food waste. They have executed three successful weddings, but they want to scale up by appealing to young urban couples looking for sustainable celebrations. The challenge is that the luxury wedding market is driven heavily by aesthetics, and many clients don’t know zero-waste weddings can still be grand and beautiful. The company needs a marketing campaign that shifts perceptions and generates premium leads. Goal: Promote zero-waste weddings as aspirational and luxurious to attract high-value clients. Prompt: "**You are** a luxury event marketing expert. **Design** a 3-month premium marketing campaign for a zero-waste wedding planning service in India. **Include** Instagram Reels showing eco-chic décor, collaborations with celebrity wedding photographers, sustainability storytelling in bridal magazines, and an influencer-led showcase event. Ensure the campaign appeals to affluent, sustainability-conscious couples." Inputs: Target cities Marketing budget Portfolio of past weddings Celebrity/influencer wishlist



12. Prompt 12 – Green Business Podcast Launch

– Green Business Podcast Launch Backstory: A group of young entrepreneurs in Mumbai have formed a collective to promote sustainable business practices in India. They want to start a podcast series interviewing eco-entrepreneurs, policymakers, and activists. They see the podcast as both a brand-building exercise and an educational platform. However, they need help with positioning, branding, and a launch campaign that reaches young professionals and startup founders across India. Goal: **Create** a launch strategy for a sustainability-focused podcast targeting Indian millennials. Prompt: "**You are** a podcast marketing strategist. Develop a 3-month launch plan for a green business podcast in India. **Include** naming suggestions, episode themes, influencer co-host collaborations, Instagram and LinkedIn teaser campaigns, and partnerships with coworking spaces for live recording events. Ensure the messaging appeals to young, purpose-driven entrepreneurs." Inputs: Podcast theme focus areas Episode release frequency Launch budget Preferred distribution platforms



13. Prompt 13 – LinkedIn Thought Leadership Plan

– LinkedIn Thought Leadership Plan Backstory: Priya, 34, is the founder of a waste upcycling startup in Gurugram. While she is confident in her technical expertise, she struggles to communicate her vision to a wider audience. She wants to position herself as a thought leader in sustainable innovation on LinkedIn to attract investors, collaborators, and policy advocates. Currently, her LinkedIn posts are irregular and mostly about her product launches, without deeper storytelling. Goal: **Create** a 6-month LinkedIn content plan to position Priya as a sustainability thought leader. Prompt: "**You are** a personal branding consultant. **Design** a 6-month LinkedIn content strategy for an eco-entrepreneur, including article topics, short-form post ideas, comment engagement tactics, and media collaborations. Ensure the plan builds credibility, showcases expertise, and encourages partnerships in the sustainability space." Inputs: Professional achievements Key sustainability topics of interest Posting frequency preference Target audience segments



14. Prompt 14 – Community-Led Recycling Initiative

– Community-Led Recycling Initiative Backstory: An NGO in Kolkata is working to set up neighbourhood-level recycling stations in residential societies. They want to build a community-driven campaign that encourages residents to separate waste, use the stations, and track their recycling impact. The NGO believes that gamifying the process will improve adoption rates, but they need a clear marketing and engagement plan to get residents excited. Goal: **Design** a gamified community campaign to promote local recycling stations. Prompt: "**You are** a community engagement strategist. Develop a neighbourhood recycling campaign that includes impact dashboards, monthly leaderboards, reward points for top recyclers, and awareness workshops. **Include** both offline activities (posters, events) and digital tracking methods for participation." Inputs: Number of societies targeted Local languages for communication Campaign duration Budget for rewards and events



15. Prompt 15 – Crowdfunding Campaign for Green Tech

– Crowdfunding Campaign for Green Tech Backstory: A Pune-based startup has developed an affordable solar-powered air purifier for urban households. They need funding to start mass production but don't want to rely solely on investors. They believe a crowdfunding campaign could raise both capital and awareness, but they've never run one before. The team wants a storytelling-driven approach that educates people on the environmental impact and showcases the product's innovation. Goal: **Create** a crowdfunding campaign strategy for a solar-powered air purifier. Prompt: "**You are** a crowdfunding campaign expert. **Design** a Kickstarter/Indiegogo campaign for a solar-powered air purifier, including a compelling pitch video script, campaign page layout, social media promotion calendar, and press outreach plan. Ensure the narrative blends innovation, affordability, and environmental impact." Inputs: Product specifications Funding target Campaign duration Perks for backers



16. Prompt 16 – Eco-Friendly Fashion Collection Launch

– Eco-Friendly Fashion Collection Launch Backstory: A Delhi-based sustainable fashion label is launching its first upcycled denim collection targeting Gen Z and young millennials. The pieces are trendy, affordable, and made from discarded denim sourced from textile factories. While the brand already has a small Instagram following, they want a major splash for this launch to position themselves as a go-to for sustainable streetwear. Goal: Plan a high-impact marketing campaign for an upcycled denim fashion collection. Prompt: "**You are** a fashion marketing strategist. **Create** a launch plan for an upcycled denim collection, including pop-up events in metro cities, influencer streetwear styling videos, TikTok/Instagram Reels challenges, and collaborations with thrift store collectives. **Include** timelines, budget splits, and key messaging angles." Inputs: Collection details Launch cities Influencer shortlist Marketing budget



17. Prompt 17 – Green B2B Trade Show Strategy

– Green B2B Trade Show Strategy Backstory: An electric vehicle charging solutions company from Hyderabad has booked a stall at a major renewable energy trade show. They want to use the event not just for lead generation but also for building brand recall in the B2B space. Their past trade show appearances have been minimalistic and missed opportunities for engagement. Goal: **Design** an engaging trade show presence for a green B2B brand. Prompt: "**You are** an event marketing strategist. Develop a trade show engagement plan for an EV charging solutions company. **Include** interactive demos, AR visualisations of installation sites, branded giveaways made from recycled materials, and post-event lead nurturing workflows." Inputs: Trade show details Product USPs Target number of leads Event budget



18. Prompt 18 – Sustainability Ambassador Program

– Sustainability Ambassador Program Backstory: A plant-based food company in Mumbai wants to turn its most loyal customers into brand ambassadors. The goal is to reward them for spreading the word, sharing content, and hosting tasting events. They believe a well-structured ambassador program could drive organic growth and strengthen community ties. Goal: **Create** a sustainability ambassador program for a plant-based brand. Prompt: "**You are** a brand community strategist. **Create** a detailed ambassador program for a plant-based food company, including selection criteria, rewards, exclusive content, event hosting opportunities, and a referral tracking system. Ensure the program aligns with the brand's sustainability mission." Inputs: Product range Number of ambassadors desired Monthly budget for rewards Communication platform preference



19. Prompt 19 – Green Startup PR Strategy

– Green Startup PR Strategy Backstory: A climate-tech startup in Bengaluru has developed AI-driven software that helps factories reduce water waste. They have a strong product but zero PR exposure. They want to be featured in major Indian business and tech publications as an innovative green tech solution provider. Goal: Develop a PR strategy to secure media coverage for a green tech startup. Prompt: "**You are** a PR strategist. **Create** a 6-month PR plan for a climate-tech startup, including media list building, press kit preparation, founder interview angles, and industry award nominations. Ensure the messaging emphasises innovation, measurable impact, and India's manufacturing sustainability goals." Inputs: Founder bio Key product stats Industry sectors targeted PR budget



20. Prompt 20 – Green Influencer Campaign with Micro-Creators

– Green Influencer Campaign with Micro-Creators Backstory: A refillable household products startup in Chennai wants to focus on micro-influencers with 5k–20k followers for its next marketing push. They believe this audience is more authentic and engaged compared to celebrity endorsements. The challenge is building a scalable campaign that coordinates multiple creators without losing brand consistency. Goal: **Create** a micro-influencer campaign framework for a green brand. Prompt: "**You are** an influencer marketing expert. **Design** a multi-city micro-influencer campaign for a refillable household products startup. **Include** influencer selection criteria, content guidelines, posting schedules, and a centralised tracking system for performance measurement." Inputs: Target cities Number of influencers Campaign duration Content themes



21. Prompt 21 – Eco-Friendly Packaging Awareness Campaign

– Eco-Friendly Packaging Awareness Campaign Backstory: A mid-sized organic tea company in Assam has recently shifted from plastic pouches to biodegradable paper-based packaging. While this move aligns with their sustainability values, most of their customers are unaware of the change or the environmental impact it brings. The marketing team wants to launch an awareness campaign that not only educates consumers but also uses the packaging switch as a brand differentiator. They want to reach both online buyers through e-commerce platforms and offline customers in local stores. The aim is to make sustainability a selling point rather than just a CSR note. Goal: **Create** an educational marketing campaign highlighting the shift to eco-friendly packaging. Prompt: "**You are** a product marketing strategist. **Design** a 3-month awareness campaign for an organic tea brand transitioning to biodegradable packaging. **Include** e-commerce product page redesign, educational Instagram posts, in-store posters, influencer unboxing videos, and a PR press release to industry media. Make sure the narrative focuses on environmental benefits and brand leadership in sustainability." Inputs: Packaging material details Campaign budget Sales channels (offline/online mix) Target customer profile



22. Prompt 22 – Corporate Partnership Sustainability Drive

– Corporate Partnership Sustainability Drive Backstory: A solar panel manufacturer in Noida is looking to expand its sales through partnerships with large real estate developers. They believe that offering co-branded sustainability campaigns can help position their product as the go-to solar solution for premium residential and commercial projects. The marketing team wants a partnership plan that benefits both the developer and the solar company while driving adoption of renewable energy. Goal: Develop a co-branded marketing strategy for a solar company and real estate developer partnership. Prompt: "**You are** a B2B partnership marketing strategist. **Create** a co-branded sustainability drive plan between a solar panel company and a real estate developer in India. **Include** joint press releases, co-branded video tours of solar-powered properties, shared social media campaigns, and customer education events. Ensure the strategy highlights cost savings, environmental benefits, and long-term value for property buyers." Inputs: Developer's brand positioning Solar product USP Target project locations Budget for co-marketing



23. Prompt 23 – Employee Green Engagement Program

– Employee Green Engagement Program Backstory: A mid-sized apparel manufacturing company in Tiruppur has invested in sustainable textile production, but employees are only passively aware of the company's eco-efforts. The HR and marketing teams want to create an internal engagement program that inspires employees to adopt eco-friendly practices both at work and at home. They believe a structured initiative can turn staff into active brand advocates and improve company culture. Goal: **Create** an employee engagement program centred on sustainability. Prompt: "**You are** an internal communications strategist. **Design** a year-long employee engagement program for a sustainable apparel company, including monthly eco-challenges, green awards, training workshops, and an internal newsletter showcasing sustainability tips. Ensure the program creates personal and professional alignment with the company's environmental goals." Inputs: Employee headcount Available internal communication channels HR budget allocation Existing sustainability practices



24. Prompt 24 – Green Loyalty Program for Retail Customers

– Green Loyalty Program for Retail Customers Backstory: A chain of eco-friendly home décor stores in Mumbai and Pune wants to encourage repeat purchases from its existing customer base. The marketing head believes a loyalty program can work best if it rewards sustainable behaviour, such as returning packaging, attending green workshops, or purchasing eco-certified products. The brand wants a unique loyalty system that goes beyond traditional points-based models. Goal: Develop a customer loyalty program that rewards sustainable behaviour. Prompt: "**You are** a retail loyalty program consultant. **Create** a sustainability-based loyalty program for an eco-friendly home décor store chain. **Include** reward tiers, eco-action badges, exclusive workshop invitations, and special discounts for bringing back packaging or old products for recycling. Ensure the program integrates both in-store and online purchases." Inputs: Number of stores Average customer purchase frequency Tech platform for loyalty tracking Program budget



25. Prompt 25 – City-Wide Green Brand Awareness Stunt

– City-Wide Green Brand Awareness Stunt Backstory: A plant-based milk brand in Bengaluru wants to create a viral, city-wide marketing stunt to boost brand recall. The founders believe that one high-visibility campaign can generate buzz among young professionals and students while positioning their product as a cool, eco-conscious choice. They want something experiential and highly shareable on social media—something that can get covered by local press and food bloggers alike. Goal: **Design** a creative city-wide awareness stunt for a plant-based milk brand. Prompt: "**You are** a guerrilla marketing strategist. **Create** a high-impact brand stunt for a plant-based milk company in Bengaluru. Ideas could include eco-themed pop-up cafés in metro stations, 3D chalk art installations about dairy alternatives, free tasting booths at IT parks, and influencer-led flash mob events. **Include** a detailed execution plan, budget split, and post-event engagement strategy." Inputs: Brand USP Campaign duration City activation budget Preferred stunt type (art, event, digital hybrid)



Waste management process design

26. Prompt 1 – Residential Society Waste Segregation System

– Residential Society Waste Segregation System Backstory: Arjun, 30, recently became the secretary of his 200-flat apartment complex in Pune. The society has been fined twice by the municipal corporation for improper waste segregation. Currently, residents dump all waste into common bins, making it difficult to recycle or compost. Arjun believes that if there were a proper segregation system—supported by clear processes, resident education, and vendor tie-ups—the society could reduce its waste sent to landfill by at least 60%. However, he needs a practical, step-by-step design that considers resident behaviour, costs, and local waste disposal rules. Goal: **Design** a complete waste segregation process for a large residential society in Pune. Prompt: "**You are** a municipal waste management consultant. **Create** a step-by-step waste segregation and disposal plan for a 200-flat society in Pune. **Include** colour-coded bin placement strategy, resident awareness drives, vendor partnerships for recyclables, composting setup for wet waste, and monthly impact tracking. Ensure compliance with Pune Municipal Corporation guidelines." Inputs: Number of households Current waste volume per day Available budget Local municipal segregation rules



27. Prompt 2 – Hospital Bio-Medical Waste Handling Process

– Hospital Bio-Medical Waste Handling Process Backstory: A 50-bed private hospital in Lucknow has recently received a warning from the health department about improper biomedical waste disposal. Currently, different departments follow their own informal processes, leading to mixing of infectious waste with regular trash. The hospital administrator wants a standardised, compliant, and safe waste handling process to protect staff, patients, and the environment. He also wants training material for staff to ensure consistent implementation. Goal: **Create** a compliant biomedical waste management process for a medium-sized hospital in Lucknow. Prompt: "**You are** a healthcare waste management specialist. **Design** a biomedical waste handling process for a 50-bed hospital in Lucknow. **Include** waste categorisation, collection schedules, storage protocols, tie-ups with authorised disposal facilities, and staff training modules. Ensure the plan aligns with Bio-Medical Waste Management Rules, 2016 (India)." Inputs: Number of hospital departments Current waste disposal methods Storage capacity Local authorised waste treatment facility details



28. Prompt 3 – Zero-Waste Café Operations Manual

– Zero-Waste Café Operations Manual Backstory: Meera, 28, runs a popular café in Jaipur that prides itself on sustainability. However, despite using compostable plates and cups, she still ends up sending a lot of waste to landfill due to poor internal sorting and food waste management. She wants a detailed operational guide that trains staff, organises waste collection points, partners with composting vendors, and reduces packaging waste. Meera's goal is to market her café as "Zero Waste" within the next 12 months. Goal: **Create** a step-by-step waste management operations manual for a café aiming for zero waste. Prompt: "**You are** a hospitality sustainability consultant. **Create** a detailed waste management operations manual for a café in Jaipur. **Include** waste source reduction strategies, staff training protocols, composting methods for food waste, recycling vendor tie-ups, and tracking metrics. Ensure all processes are practical for a busy café environment." Inputs: Café seating capacity Current waste generation estimate Available storage space for segregation Preferred composting method (in-house/vendor)



29. Prompt 4 – IT Park E-Waste Recycling Workflow

– IT Park E-Waste Recycling Workflow Backstory: A large IT park in Bengaluru houses 15 different companies, generating huge amounts of e-waste like old computers, cables, and printers. Currently, most of it is discarded with general waste or sold informally, risking data security and environmental harm. The park's facility manager wants a formal e-waste collection, storage, and recycling process that complies with Indian e-waste regulations while making it easy for all tenant companies to participate. Goal: **Design** an e-waste recycling workflow for a multi-company IT park. Prompt: "**You are** an e-waste compliance expert. **Create** an e-waste recycling workflow for an IT park in Bengaluru with 15 tenant companies. **Include** secure collection points, data destruction protocols, authorised recycler partnerships, quarterly collection drives, and awareness campaigns. Ensure compliance with E-Waste (Management) Rules, 2022." Inputs: Number of employees in IT park Storage facility availability Frequency of e-waste generation Local authorised recycler details



30. Prompt 5 – Municipal Composting Plant Process Design

– Municipal Composting Plant Process **Design** Backstory: The municipality of Indore, already recognised for its clean city ranking, wants to expand its composting facilities to handle the growing amount of organic waste from markets and residential colonies. The existing plant operates at full capacity and struggles with seasonal spikes during festivals. Officials want a scalable, efficient composting process that reduces odour issues, improves throughput, and produces high-quality compost for sale. Goal: **Design** a scalable composting plant process for a municipal corporation. Prompt: "**You are** a municipal solid waste process engineer. **Create** a detailed process design for expanding a composting plant in Indore, including waste pre-processing steps, aeration and curing techniques, seasonal load management, quality control for compost output, and marketing strategies for selling compost to farmers." Inputs: Current plant capacity Average daily organic waste volume Land availability for expansion Compost end-use target market



31. Prompt 6 – School Waste Reduction Program

– School Waste Reduction Program Backstory: St. Mary's High School in Nagpur, with over 1,200 students, has been facing issues with overflowing trash bins and high waste disposal costs. Most waste comes from the cafeteria and classrooms, and there is no current segregation policy. The school principal wants to implement a waste reduction and recycling program that engages both students and staff, turning waste management into a part of environmental education. The program should be fun, measurable, and easy to maintain year-round. Goal: **Design** a school-wide waste reduction and recycling program. Prompt: "**You are** an educational sustainability consultant. **Create** a school waste management program for St. Mary's High School in Nagpur. **Include** cafeteria food waste composting, classroom recycling stations, monthly student-led awareness drives, and waste reduction competitions. **Provide** a 12-month implementation plan with tracking metrics." Inputs: Number of classrooms Waste generation estimate Available space for composting Budget for awareness activities



32. Prompt 7 – Market Waste Management for Vendors

– Market Waste Management for Vendors Backstory: The central vegetable market in Patna serves over 500 vendors and produces tons of organic waste daily. Most of it is dumped in nearby open areas, causing foul smells and attracting stray animals. The municipal officer in charge wants a vendor-friendly waste management process that ensures organic waste is collected, composted, or

sent to a biogas plant. Vendors are willing to cooperate but only if the process is simple and cost-effective. Goal: Develop a market-level waste management process for fresh produce vendors. Prompt: "**You are** a public market waste management planner. **Create** a waste segregation and collection process for a 500-vendor vegetable market in Patna. **Include** on-site collection points, vendor training, composting or biogas processing, and revenue-sharing models from compost sales. Ensure minimal disruption to daily market activities." Inputs: Number of vendors Daily organic waste volume Available processing facilities Municipal waste budget allocation

33. Prompt 8 – Airport Waste Management System

– Airport Waste Management System Backstory: A newly operational airport in Goa wants to implement a modern waste management system from day one. Passenger traffic is expected to grow rapidly, bringing a mix of organic waste, packaging materials, and hazardous waste from maintenance areas. The airport director wants a process that ensures quick collection, high segregation rates, and compliance with aviation safety regulations. They also want a public awareness element for passengers. Goal: **Design** a waste management system for a medium-sized airport. Prompt: "**You are** an airport operations waste management expert. **Create** a waste handling process for a mid-sized airport in Goa, including waste type mapping, colour-coded bin placement across terminals, hazardous waste handling for maintenance areas, and passenger awareness campaigns. **Include** monitoring and audit mechanisms for compliance." Inputs: Expected daily passenger footfall Waste volume estimates per category Available waste storage space Budget for infrastructure

34. Prompt 9 – Festival Waste Management Plan

– Festival Waste Management Plan Backstory: Every year, the Ganesh Chaturthi festival in Mumbai generates massive amounts of waste from decorations, offerings, and single-use plastics. The Brihanmumbai Municipal Corporation wants to implement a proactive waste management plan that works with organisers, local communities, and vendors to minimise waste during the festival. The goal is to combine traditional celebrations with modern environmental responsibility. Goal: **Create** a large-scale waste management plan for a public festival. Prompt: "**You are** a public event sustainability planner. **Design** a waste management plan for the Ganesh Chaturthi festival in Mumbai. **Include** biodegradable decoration incentives, on-site waste segregation zones, volunteer-led collection drives, and post-festival waste impact reporting. Ensure the plan respects cultural practices while promoting eco-consciousness." Inputs: Number of festival venues Average daily visitor count Waste collection budget Local composting/recycling facilities

35. Prompt 10 – Hotel Chain Waste Minimisation Strategy

– Hotel Chain Waste Minimisation Strategy Backstory: A luxury hotel chain with properties in Delhi, Jaipur, and Goa wants to achieve a "Zero Landfill" certification within five years. Currently, waste is managed individually at each property, leading to inconsistent practices and poor tracking. The group's sustainability director wants a standardised process that can be applied across all hotels while maintaining guest satisfaction and brand image. Goal: Develop a standardised waste minimisation process for a hotel chain. Prompt: "**You are** a hospitality sustainability strategist. **Create** a standardised waste minimisation and recycling process for a luxury hotel chain. **Include** guest awareness initiatives, staff training modules, composting for kitchen waste, linen reuse

programs, and centralised waste data tracking." Inputs: Number of hotels Average occupancy rate Waste types generated Budget for sustainability initiatives



36. Prompt 11 – E-Waste Collection Drive for College Campuses

– E-Waste Collection Drive for College Campuses Backstory: A youth-led NGO in Hyderabad wants to launch an e-waste collection drive across 10 engineering and arts colleges in the city. The aim is to collect old laptops, chargers, and mobile phones for safe recycling. The NGO needs a process that ensures proper collection, data wiping, and authorised recycling, while also making it a fun, student-driven campaign. Goal: Plan a city-wide e-waste collection campaign for colleges. Prompt: "**You are** an environmental campaign planner. **Design** a college e-waste collection drive in Hyderabad. **Include** campus ambassador programs, secure data destruction protocols, partnerships with certified recyclers, and gamified reward systems for student participation." Inputs: Number of participating colleges Drive duration Expected collection volume Budget for marketing and rewards



37. Prompt 12 – Small Restaurant Waste Management System

– Small Restaurant Waste Management System Backstory: A family-run restaurant in Kochi serves 150 customers a day and wants to reduce its landfill waste. Most waste comes from food scraps, single-use packaging, and disposable cutlery. The owners are willing to switch to reusable or compostable materials, but they need a simple, low-cost process that works in a small kitchen space. Goal: **Create** a low-cost waste management process for a small restaurant. Prompt: "**You are** a restaurant sustainability consultant. Develop a waste management system for a small restaurant in Kochi, including food waste composting, reusable packaging options, vendor partnerships for recycling, and daily waste tracking logs." Inputs: Daily customer count Current waste disposal method Available storage/composting space Budget for changes



38. Prompt 13 – Corporate Office Paperless Transition Plan

– Corporate Office Paperless Transition Plan Backstory: A large BPO in Gurugram generates massive amounts of paper waste from printing invoices, reports, and onboarding documents. Management wants to transition to a fully paperless office within 18 months to cut costs and improve their sustainability rating. They need a step-by-step plan covering technology adoption, staff training, and process redesign. Goal: **Create** a paperless office transition plan for a large corporate. Prompt: "**You are** a digital transformation consultant. **Create** an 18-month roadmap for a corporate office in Gurugram to go paperless. **Include** software recommendations, document digitisation workflows, staff training, and change management strategies." Inputs: Number of employees Current paper usage per month Available IT budget Preferred document management software



39. Prompt 14 – Manufacturing Plant Hazardous Waste Protocol

– Manufacturing Plant Hazardous Waste Protocol Backstory: A mid-sized chemical manufacturing plant in Gujarat produces paints and coatings for industrial clients. Alongside regular production waste, the plant generates hazardous materials such as solvent residues and chemical sludge.

Currently, hazardous waste is stored in makeshift containers until disposal, creating safety and compliance risks. The operations head wants a formal hazardous waste management process that ensures safe handling, storage, and disposal while meeting all environmental regulations. They also want regular employee safety training to reduce accidents. Goal: Develop a compliant hazardous waste management process for a chemical manufacturing plant. Prompt: "**You are** an industrial waste compliance consultant. **Create** a hazardous waste management protocol for a paint and coatings plant in Gujarat. **Include** categorisation of waste streams, safe storage requirements, approved transporter tie-ups, disposal documentation, and staff safety training modules. Ensure compliance with the Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016." Inputs: Daily hazardous waste volume Waste types generated Current storage infrastructure Local authorised disposal facilities

40. Prompt 15 – Housing Society Composting Program

– Housing Society Composting Program Backstory: A gated community in Chennai with 400 apartments produces nearly 300 kg of organic waste daily. Currently, all waste is collected and sent to the municipal dump, leading to foul odours and rodent problems. The residents' welfare association wants to set up a community composting program to manage wet waste on-site and produce compost for gardening. They also want to involve children and volunteers to ensure it becomes a long-term habit rather than a one-off project. Goal: **Create** a community composting process for a large residential complex. Prompt: "**You are** a community waste management planner. **Design** a composting program for a 400-apartment housing society in Chennai. **Include** selection of composting technology, segregation enforcement methods, volunteer training, and compost utilisation plans for landscaping or sale." Inputs: Number of households Available space for composting Monthly budget Willingness for resident participation

41. Prompt 16 – Food Processing Unit Waste-to-Energy Plan

– Food Processing Unit Waste-to-Energy Plan Backstory: A large food processing unit in Nashik produces packaged fruit juices for domestic and export markets. The factory generates tons of organic pulp waste daily, which is currently discarded at cost. Management wants to explore converting this waste into biogas for internal use, reducing energy bills and waste disposal expenses. They also want the project to qualify for green certifications that can boost their export appeal. Goal: **Design** a waste-to-energy conversion plan for a food processing plant. Prompt: "**You are** an industrial energy consultant. **Create** a biogas conversion plan for a fruit juice manufacturing plant in Nashik. **Include** waste preprocessing steps, biogas plant sizing, energy output projections, cost-benefit analysis, and green certification pathways." Inputs: Daily organic waste volume Energy consumption data Land availability for biogas plant Budget for installation

42. Prompt 17 – Shopping Mall Waste Sorting System

– Shopping Mall Waste Sorting System Backstory: A popular shopping mall in Noida sees over 20,000 visitors daily and generates large quantities of mixed waste from food courts, retail stores, and events. Currently, waste is sent directly to municipal collection without any sorting, which prevents recycling. The mall management wants an in-house waste sorting facility to increase recycling rates and reduce landfill contributions, while also running public awareness campaigns for shoppers. Goal: **Create** a mall-wide waste sorting and recycling process. Prompt: "**You are** a

facility management waste consultant. **Design** an in-house waste sorting system for a shopping mall in Noida. **Include** waste collection point design, sorting station layout, staffing requirements, vendor tie-ups for recyclables, and shopper awareness activities." Inputs: Daily waste volume Mall floor plan Number of food outlets and stores Waste management budget

43. Prompt 18 – Small Town Plastic Ban Implementation Plan

– Small Town Plastic Ban Implementation Plan Backstory: The municipal council of a small town in Kerala has officially banned single-use plastics but is struggling with enforcement. Shops continue to distribute plastic carry bags, and there is little public awareness about alternatives. The council wants a practical implementation plan combining awareness, incentives, and penalties to ensure compliance within six months. Goal: Develop an enforcement and awareness strategy for a municipal plastic ban. Prompt: "**You are** a public policy waste management advisor. **Create** a 6-month plastic ban enforcement plan for a small Kerala town. **Include** retailer education, alternative product promotion, community awareness drives, and fine collection systems. **Provide** metrics to track compliance progress." Inputs: Number of retail shops Local population size Budget for awareness campaigns Availability of plastic alternatives locally

44. Prompt 19 – Luxury Resort Waste Management Process

– Luxury Resort Waste Management Process Backstory: A luxury eco-resort in the Andaman Islands markets itself as a sustainable destination but still sends a significant portion of waste to mainland disposal facilities. This is expensive and environmentally damaging due to transportation emissions. The resort manager wants a complete waste management process that maximises on-site processing—through composting, recycling, and upcycling—while minimising what needs to be shipped out. Goal: **Create** a zero-waste process for an island-based luxury resort. Prompt: "**You are** a hospitality waste systems designer. Develop a complete zero-waste management process for a luxury resort in the Andamans. **Include** guest engagement programs, on-site composting, recyclable material storage and shipment plans, and partnerships with local artisans for upcycling." Inputs: Number of rooms Average occupancy rate Waste volume estimates by category Available land for waste processing

45. Prompt 20 – Corporate E-Waste Buyback Program

– Corporate E-Waste Buyback Program Backstory: A multinational IT company in Bengaluru replaces thousands of laptops and monitors every three years. Currently, the devices are sold through brokers without proper recycling assurance. The company's CSR head wants to implement a formal e-waste buyback program with certified recyclers, ensuring data security and sustainable disposal. They also want to publicise the program as part of their sustainability report. Goal: **Design** an e-waste buyback program for a corporate IT company. Prompt: "**You are** a corporate sustainability consultant. **Create** a buyback program for decommissioned IT equipment, including secure data wiping, authorised recycler contracts, employee purchase options, and annual reporting formats for CSR purposes." Inputs: Number of devices replaced annually Data security protocols CSR budget allocation Preferred recycler criteria

46. Prompt 21 – Village-Level Waste Management Model

– Village-Level Waste Management Model Backstory: A social enterprise in Rajasthan is working to develop model villages for sustainable living. One key challenge is unmanaged waste—most is burned or dumped in open areas. They want to design a decentralised waste collection and composting system that works with minimal infrastructure, creates local jobs, and can be replicated across other villages. Goal: **Create** a decentralised waste management model for rural villages.

Prompt: "**You are** a rural development waste management expert. **Create** a low-cost, decentralised waste collection and processing model for a Rajasthan village. **Include** segregation training, local compost pit construction, recyclable sales channels, and community volunteer engagement."

Inputs: Village population size Available community land Waste volume estimates Local NGO partnerships



47. Prompt 22 – Corporate Food Waste Donation Program

– Corporate Food Waste Donation Program Backstory: A large corporate campus in Hyderabad serves thousands of meals daily in its cafeteria. While the food is high quality, large amounts go to waste due to overproduction. The CSR team wants a process to safely collect surplus food and donate it to local NGOs, while ensuring hygiene and compliance with food safety regulations. Goal: Develop a safe and compliant food donation process for a corporate campus. Prompt: "**You are** a food waste management consultant. **Design** a surplus food donation process for a corporate campus in Hyderabad. **Include** real-time tracking of leftovers, safe storage, quick transport to NGOs, and volunteer coordination. Ensure compliance with FSSAI guidelines for food safety."

Inputs: Number of meals served daily Storage and transport capacity NGO partners available CSR budget



48. Prompt 23 – Sports Stadium Waste Management Plan

– Sports Stadium Waste Management Plan Backstory: A cricket stadium in Ahmedabad with a seating capacity of 50,000 generates massive waste during matches, including food wrappers, cups, and banners. Currently, waste is collected at the end of events and sent directly to landfill. The stadium management wants a plan to manage waste in real time during events, increase recycling, and reduce post-match cleanup costs. Goal: **Create** a live event waste management plan for a sports stadium. Prompt: "**You are** a large-event waste logistics planner. **Create** a waste management system for a 50,000-capacity cricket stadium in Ahmedabad. **Include** bin placement strategy, waste collection staff deployment, real-time segregation, vendor tie-ups, and fan engagement campaigns." Inputs: Event frequency per month Waste volume per event Staff availability Waste management budget



49. Prompt 24 – Coastal Fishing Village Plastic Waste Plan

– Coastal Fishing Village Plastic Waste Plan Backstory: A fishing community in Tamil Nadu has seen its local beaches littered with plastic from both fishing gear and tourist activity. The village council wants a waste management plan that addresses both marine debris prevention and onshore waste segregation. They also want to involve local youth in the cleanup and recycling process to create jobs. Goal: **Design** a plastic waste reduction plan for a coastal fishing village.

Prompt: "**You are** a coastal waste management expert. **Create** a plastic waste reduction plan for a Tamil Nadu fishing village, including gear recycling programs, beach clean-up events, community

recycling centres, and partnerships with NGOs for marine debris tracking." Inputs: Number of households Fishing gear types used Local recycling capacity Available youth volunteers



50. Prompt 25 – College Campus Zero-Waste Roadmap

– College Campus Zero-Waste Roadmap Backstory: A top university in Delhi has pledged to become a zero-waste campus within five years. The administration wants a clear roadmap that covers all waste streams, including hostel food waste, classroom paper waste, and laboratory chemical waste. They want a phased plan that involves students, faculty, and administrative staff in implementation. Goal: **Create** a 5-year zero-waste roadmap for a large university campus. Prompt: "**You are** an academic sustainability planner. Develop a zero-waste roadmap for a Delhi university, including waste audits, composting infrastructure, e-waste collection, laboratory waste protocols, and awareness campaigns. **Provide** phased milestones and KPIs." Inputs: Number of students and staff Waste volume estimates by category Available campus space for waste processing Budget allocation for sustainability projects



CSR project proposals

51. Prompt 1 – Renewable Energy Installation for Rural Schools

– Renewable Energy Installation for Rural Schools Backstory: An FMCG company headquartered in Mumbai is looking for impactful CSR projects in renewable energy. The CSR head wants to fund solar panel installations in rural schools across Maharashtra. The objective is to provide uninterrupted electricity for lighting, fans, and basic digital education tools. Currently, many of these schools experience power cuts of 6–8 hours daily, disrupting classes. The proposal must highlight social impact, sustainability benefits, and long-term maintenance plans to ensure the panels remain operational for years. Goal: Draft a CSR project proposal for solar installations in rural schools. Prompt: "**You are** a CSR project writer specialising in renewable energy. **Create** a detailed CSR proposal for installing solar panels in rural Maharashtra schools. **Include** project objectives, beneficiary selection criteria, budget breakdown, impact measurement methods, and long-term maintenance strategies." Inputs: Number of schools targeted Average student population per school CSR budget allocation Project timeline



52. Prompt 2 – Urban Tree Plantation Drive

– Urban Tree Plantation Drive Backstory: A large IT company in Bengaluru wants to offset its carbon footprint through a large-scale urban greening program. They are considering a city-wide tree plantation drive in collaboration with municipal authorities. The CSR team wants a proposal that outlines how planting will be done in high-pollution zones, who will maintain the trees, and how impact will be measured over 3–5 years. The project must appeal to both employees and city residents as an ongoing initiative, not a one-time event. Goal: Develop a CSR proposal for a corporate-funded urban tree plantation drive. Prompt: "**You are** an environmental CSR consultant. Draft a proposal for a city-wide tree plantation initiative in Bengaluru. **Include** site selection criteria, tree species suited for urban environments, maintenance partnerships, employee volunteer engagement, and annual carbon sequestration reporting." Inputs: Number of trees planned Preferred planting zones Maintenance partners available CSR budget and timeline



53. Prompt 3 – Waste-to-Compost CSR Initiative

– Waste-to-Compost CSR Initiative Backstory: A food processing company in Gujarat produces large volumes of organic waste and wants to channel part of its CSR funds toward municipal composting projects. The CSR lead envisions setting up composting units in 10 residential colonies in Surat to encourage community-based waste management. The proposal should show how these units will be installed, maintained, and promoted to ensure high usage rates, with clear metrics for waste diverted from landfill. Goal: **Prepare** a CSR proposal for community composting projects in residential areas. Prompt: "**You are** a waste management CSR specialist. **Create** a CSR project proposal for installing community composting units in Surat. **Include** installation plans, resident training sessions, compost utilisation strategies, and impact tracking over one year." Inputs: Number of colonies targeted Estimated daily organic waste volume Available land for units CSR project budget



54. Prompt 4 – Clean Water Access for Rural Villages

– Clean Water Access for Rural Villages Backstory: A manufacturing conglomerate in Pune wants to fund clean drinking water projects in rural areas as part of its CSR compliance. Many villages in drought-prone districts rely on unsafe groundwater sources, leading to health issues. The CSR committee is seeking a proposal for installing community RO filtration plants that are solar-powered and have minimal maintenance costs. The document must clearly outline how the project will improve health outcomes, ensure affordability, and remain operational in the long term. Goal: Draft a CSR proposal for rural clean water access through solar-powered RO plants. Prompt: "**You are** a rural infrastructure CSR proposal writer. **Create** a proposal for installing solar-powered RO filtration plants in rural Maharashtra villages. **Include** site selection, technical specifications, local maintenance partnerships, and projected health benefits." Inputs: Number of villages targeted Population per village CSR budget allocation Preferred implementation partners



55. Prompt 5 – Employee-Led Beach Clean-up Program

– Employee-Led Beach Clean-up Program Backstory: A retail chain with outlets across Mumbai wants to engage its employees in environmental volunteering as part of its CSR activities. The idea is to run a recurring beach clean-up program in collaboration with local NGOs. The CSR team wants a proposal that shows the structure of the events, volunteer safety measures, waste disposal mechanisms, and how impact will be reported publicly. The program should build the company's green image while genuinely contributing to the city's coastal cleanliness. Goal: **Create** a CSR proposal for a recurring employee-led beach clean-up program. Prompt: "**You are** a corporate volunteering CSR strategist. Draft a proposal for a recurring beach clean-up program in Mumbai. **Include** volunteer recruitment, safety protocols, waste segregation and disposal plans, partnerships with NGOs, and social media documentation of impact." Inputs: Target beaches Frequency of events Number of volunteers per event CSR budget allocation



56. Prompt 6 – Renewable Energy-Powered Community Health Centre

– Renewable Energy-Powered Community Health Centre Backstory: A pharmaceutical company in Hyderabad wants to focus its CSR budget on improving rural healthcare. One idea being explored is to upgrade existing rural health centres with solar power so they can operate uninterrupted during power cuts. Many villages in Telangana experience daily outages, which disrupt medical refrigeration, lighting, and diagnostic equipment usage. The CSR team wants a proposal that shows how solar installations will directly improve healthcare delivery and patient safety, with quantified benefits over a 3–5 year period. Goal: Draft a CSR project proposal to install solar power systems in rural health centres. Prompt: "**You are** a healthcare CSR project designer. **Create** a proposal for solar power installations at rural health centres in Telangana. **Include** site selection criteria, technical specifications, impact on patient care, budget estimates, and maintenance strategies." Inputs: Number of centres targeted Average patient footfall per centre CSR budget allocation Preferred implementation partners



57. Prompt 7 – Skill Development in Waste Management

– Skill Development in Waste Management Backstory: An FMCG company based in Kolkata wants to combine environmental sustainability with skill-building for youth. They are considering a CSR initiative to train unemployed young adults in waste segregation, composting, and recycling entrepreneurship. The idea is to create micro-enterprises that service residential colonies and small businesses. The CSR team needs a proposal that details the training curriculum, certification process, and pathways for job placement or business creation. Goal: **Prepare** a CSR proposal for skill development programs in waste management. Prompt: "**You are** a vocational training CSR consultant. Draft a proposal for a waste management skill development program in Kolkata. **Include** training modules, certification methods, startup toolkits, and potential earnings for participants. Link the program to measurable employment and environmental outcomes." Inputs: Number of trainees per batch Training duration CSR budget allocation Local NGO or training institute partners



58. Prompt 8 – CSR Funded Biogas Plants for Farmer Communities

– CSR Funded Biogas Plants for Farmer Communities Backstory: A dairy cooperative in Punjab generates large amounts of cattle dung that goes unused. A steel manufacturing company in Ludhiana wants to fund the installation of biogas plants in partnership with local farmer cooperatives. The project aims to reduce methane emissions, provide clean cooking fuel, and create a fertiliser byproduct for the farmers. The CSR team wants the proposal to clearly outline technical feasibility, cost savings for farmers, and environmental benefits. Goal: Draft a CSR proposal for installing community biogas plants in rural Punjab. Prompt: "**You are** a rural energy CSR proposal writer. **Create** a detailed proposal for community biogas plants in Punjab farmer cooperatives. **Include** technology specifications, farmer engagement strategies, cost-benefit analysis, and methane emission reduction metrics." Inputs: Number of cooperatives targeted Average cattle count per cooperative CSR budget allocation Implementation partner details



59. Prompt 9 – Plastic Waste Recycling Hubs

– Plastic Waste Recycling Hubs Backstory: A large beverage company in India has committed to collect and recycle more plastic than it produces by 2030. As part of its CSR initiative, it wants to set up decentralised plastic waste recycling hubs in Tier-2 and Tier-3 cities. These hubs will collect,

sort, and recycle plastic waste into usable products. The proposal should detail the hub's operational model, partnerships with local scrap dealers, and community awareness programs. Goal: **Create** a CSR project proposal for setting up decentralised plastic recycling hubs. Prompt: "You are a waste recycling CSR consultant. **Design** a proposal for establishing plastic waste recycling hubs in Tier-2 and Tier-3 Indian cities. **Include** location selection, operational workflow, equipment requirements, vendor partnerships, and public awareness campaigns." Inputs: Target cities Expected plastic waste volume CSR budget allocation Potential recycling product outputs

60. Prompt 10 – Solar-Powered Water Purification Units

– Solar-Powered Water Purification Units Backstory: An automobile manufacturer in Chennai wants to focus its CSR activities on improving access to safe drinking water. They are considering installing solar-powered water purification units in drought-affected districts of Tamil Nadu. These units will be community-managed and provide affordable clean water year-round. The proposal needs to showcase the health benefits, cost efficiency, and environmental advantages of solar-powered purification over diesel or grid-powered alternatives. Goal: Draft a CSR proposal for installing solar-powered water purification units in rural Tamil Nadu. Prompt: "You are a clean water CSR project designer. **Prepare** a proposal for community-based solar-powered water purification units. **Include** site selection criteria, unit capacity, operational models, community training, and expected health improvements." Inputs: Number of units proposed Average daily users per unit CSR budget allocation Implementation timeline

61. Prompt 11 – CSR-Sponsored School Waste-to-Art Program

– CSR-Sponsored School Waste-to-Art Program Backstory: A retail chain in Delhi wants to combine environmental education with creative engagement for children. They are considering a CSR-funded program in government schools that teaches students how to convert waste materials into art and usable products. The aim is to foster environmental responsibility from a young age while supporting school infrastructure through sales of crafted items. Goal: **Create** a CSR proposal for a school waste-to-art initiative. Prompt: "You are an environmental education CSR planner. Draft a proposal for a waste-to-art school program in Delhi. **Include** curriculum design, teacher training, student workshops, exhibition events, and revenue-sharing from product sales." Inputs: Number of schools targeted Number of students per school CSR budget allocation Preferred NGO partners

62. Prompt 12 – Green Public Transport CSR Initiative

– Green Public Transport CSR Initiative Backstory: A logistics company in Ahmedabad wants to reduce its carbon footprint and improve public perception by funding electric rickshaws for low-income drivers. These e-rickshaws will replace old petrol vehicles, reducing emissions and operational costs for drivers. The proposal must outline how beneficiaries will be selected, financed, and trained in maintenance. Goal: Draft a CSR proposal for funding electric rickshaws for low-income drivers. Prompt: "You are a sustainable mobility CSR consultant. **Create** a proposal for an e-rickshaw funding program in Ahmedabad. **Include** driver selection criteria, financing models, vehicle maintenance training, and emission reduction calculations." Inputs: Number of rickshaws to be funded CSR budget allocation Local e-rickshaw dealer partnerships Implementation timeline



63. Prompt 13 – Mangrove Restoration Project

– Mangrove Restoration Project Backstory: A petrochemical company in Navi Mumbai wants to invest in a CSR project that directly addresses the environmental damage caused by industrial activity in coastal areas. They plan to fund mangrove restoration along degraded shorelines to protect biodiversity and mitigate coastal erosion. The CSR team wants the proposal to highlight community involvement, biodiversity monitoring, and climate resilience benefits. Goal: **Create** a CSR proposal for a coastal mangrove restoration project. Prompt: "**You are** a coastal ecology CSR project designer. Draft a proposal for mangrove restoration in Navi Mumbai. **Include** site surveys, native species planting, local fisherfolk engagement, biodiversity tracking, and climate resilience reporting." Inputs: Area (in hectares) for restoration CSR budget allocation Implementation partners Monitoring period



64. Prompt 14 – CSR-Backed Digital Literacy for Waste Workers

– CSR-Backed Digital Literacy for Waste Workers Backstory: An IT company in Bengaluru wants to use part of its CSR budget to improve the livelihoods of informal waste workers. The proposed project will provide digital literacy training so workers can use smartphones for cashless payments, vendor coordination, and accessing welfare schemes. The CSR team wants a proposal that links digital inclusion with improved financial stability and social dignity. Goal: Draft a CSR proposal for digital literacy programs for waste workers. Prompt: "**You are** a social inclusion CSR strategist. **Prepare** a proposal for a digital literacy program targeting waste workers in Bengaluru. **Include** training modules, mobile device distribution, financial inclusion activities, and measurable livelihood improvements." Inputs: Number of waste workers targeted CSR budget allocation Training partner organisations Implementation timeline



65. Prompt 14 – CSR-Backed Digital Literacy for Waste Workers Backstory: An IT company in Bengaluru wants to use part of its CSR budget to improve the livelihoods of informal waste workers. The proposed project will provide digital literacy training so workers can use smartphones for cashless payments, vendor coordination, and accessing welfare schemes. The CSR team wants a proposal that links digital inclusion with improved financial stability and social dignity. Goal: Draft a CSR proposal for digital literacy programs for waste workers. Prompt: "You are a social inclusion CSR strategist. Prepare a proposal for a digital literacy program targeting waste workers in Bengaluru. Include training modules, mobile device distribution, financial inclusion activities, and measurable livelihood improvements." Inputs: Number of waste workers targeted CSR budget allocation Training partner organisations Implementation timeline

– CSR-Funded Rainwater Harvesting for Schools Backstory: A construction company in Jaipur is seeking to invest its CSR funds in water conservation. They've identified 20 government schools in water-scarce areas of Rajasthan that face severe shortages during summer months. The plan is to install rooftop rainwater harvesting systems to provide water for drinking, sanitation, and gardening. The CSR team needs a proposal that covers technical feasibility, cost estimates, maintenance training for school staff, and measurable water savings. Goal: Draft a CSR project proposal for

installing rainwater harvesting systems in schools. Prompt: "**You are** a water conservation CSR consultant. **Create** a proposal for rooftop rainwater harvesting installations in 20 government schools in Rajasthan. **Include** site assessments, tank capacity planning, installation timelines, maintenance protocols, and projected annual water savings." Inputs: Number of schools Average roof size per school CSR budget allocation Implementation partner details



66. Prompt 16 – Solar-Powered Street Lighting in Rural Villages

– Solar-Powered Street Lighting in Rural Villages Backstory: An energy company in Pune wants to address rural safety and mobility issues through its CSR funds. The idea is to install solar-powered streetlights in villages with poor or no street lighting. Many rural areas face accidents and reduced night-time activity due to lack of illumination. The CSR team needs a proposal that highlights social benefits, installation strategies, and cost efficiency. Goal: **Create** a CSR project proposal for solar streetlight installation. Prompt: "**You are** a renewable energy CSR project designer. Draft a proposal for installing solar-powered streetlights in rural villages. **Include** location selection criteria, lighting specifications, installation procedures, maintenance training, and impact reporting." Inputs: Number of streetlights to be installed CSR budget allocation Target village population size Maintenance partner options



67. Prompt 17 – CSR-Sponsored Waste Management in Slums

– CSR-Sponsored Waste Management in Slums Backstory: A consumer goods company in Mumbai wants to improve sanitation in informal settlements near its factories. The proposed CSR project will introduce waste segregation points, weekly collection drives, and community awareness campaigns. The plan is to partner with local NGOs for execution while involving residents directly to ensure long-term adoption. Goal: Develop a CSR proposal for waste management in urban slums. Prompt: "**You are** an urban sanitation CSR consultant. **Create** a proposal for setting up a waste management system in Mumbai slums, including segregation point installation, regular collection services, community training workshops, and waste-to-compost initiatives." Inputs: Number of households targeted CSR budget allocation Local NGO partners Waste processing options



68. Prompt 18 – CSR for Afforestation in Mining-Affected Areas

– CSR for Afforestation in Mining-Affected Areas Backstory: A mining company in Odisha is mandated under CSR compliance to rehabilitate degraded land. The company wants to invest in large-scale afforestation projects using native plant species to restore biodiversity and stabilise the soil. They also want to involve local tribal communities for plantation and upkeep, providing them with sustainable livelihoods. Goal: Draft a CSR proposal for afforestation in mining-affected areas. Prompt: "**You are** a land restoration CSR expert. **Prepare** a proposal for afforestation projects in Odisha's mining-affected zones. **Include** native species selection, community engagement plans, soil rehabilitation techniques, and biodiversity monitoring." Inputs: Area (in hectares) for afforestation CSR budget allocation Native plant species list Project timeline



69. Prompt 19 – CSR-Funded Public EV Charging Stations

– CSR-Funded Public EV Charging Stations Backstory: An automotive company in Gurugram wants to accelerate EV adoption by funding public charging infrastructure. The CSR project aims to install fast-charging stations in key locations like malls, metro stations, and public parking lots. The proposal should highlight environmental benefits, expected usage rates, and maintenance arrangements with local authorities. Goal: **Create** a CSR proposal for public EV charging station installation. Prompt: "**You are** a sustainable transport CSR consultant. Draft a proposal for installing public EV charging stations in Gurugram. **Include** site selection, technical specifications, projected usage, partnership models, and environmental impact metrics." Inputs: Number of charging stations CSR budget allocation Target installation locations Preferred technology partners



70. Prompt 20 – CSR-Backed Eco-Tourism Development

– CSR-Backed Eco-Tourism Development Backstory: A travel company in Kerala wants to promote eco-tourism while benefiting local communities. Their CSR initiative involves developing eco-friendly homestays, guided nature trails, and cultural experiences in rural areas. The proposal should outline how the project will boost local incomes, preserve natural resources, and attract responsible travellers. Goal: Draft a CSR proposal for eco-tourism infrastructure and community training. Prompt: "**You are** a rural tourism CSR strategist. **Create** a proposal for eco-tourism projects in Kerala, including infrastructure development, local guide training, waste management measures, and marketing plans." Inputs: Target villages CSR budget allocation Type of eco-tourism activities planned Local partner organisations



71. Prompt 21 – CSR for River Cleanup and Pollution Control

– CSR for River Cleanup and Pollution Control Backstory: An industrial conglomerate in Kanpur wants to improve its environmental footprint by funding river cleanup operations along the Ganga. The project will include waste removal, industrial effluent monitoring, and community-led pollution prevention drives. The CSR proposal should showcase measurable pollution reduction targets and sustainable maintenance plans. Goal: **Prepare** a CSR project proposal for river cleanup and pollution prevention. Prompt: "**You are** a water quality CSR consultant. Draft a proposal for Ganga river cleanup in Kanpur. **Include** waste removal logistics, pollution source monitoring, community awareness campaigns, and partnerships with environmental agencies." Inputs: Target stretch length (km) CSR budget allocation Local NGO/government partners Project duration



72. Prompt 22 – CSR for Sustainable Agriculture Practices

– CSR for Sustainable Agriculture Practices Backstory: An agri-tech company in Indore wants to promote sustainable farming through its CSR budget. The idea is to train small farmers in organic farming techniques, water-efficient irrigation, and natural pest control. The proposal must outline training modules, demonstration farms, and potential yield improvements, with an emphasis on long-term soil health. Goal: Draft a CSR proposal for promoting sustainable agriculture. Prompt: "**You are** an agricultural CSR planner. **Create** a proposal for training farmers in sustainable agriculture practices in Madhya Pradesh. **Include** training schedules, demonstration plot designs, input support packages, and yield tracking systems." Inputs: Number of farmers targeted CSR budget allocation Preferred training partners Crops under focus



73. Prompt 23 – CSR-Backed Green Campus Transformation

– CSR-Backed Green Campus Transformation Backstory: A cement manufacturing company in Chhattisgarh wants to help local colleges reduce their carbon footprint. The CSR project will involve installing solar power, rainwater harvesting, composting pits, and green landscaping on campuses. The proposal should provide a clear roadmap for achieving a “green campus” certification within two years. Goal: **Create** a CSR proposal for transforming college campuses into green campuses. Prompt: “**You are** an educational infrastructure CSR expert. Draft a proposal for green campus transformation in Chhattisgarh colleges. **Include** renewable energy installations, water conservation measures, waste management systems, and student engagement programs.” Inputs: Number of campuses CSR budget allocation Implementation partners Certification standards to follow



74. Prompt 24 – CSR for Wildlife Corridor Restoration

– CSR for Wildlife Corridor Restoration Backstory: An infrastructure company in Assam is exploring CSR projects that support biodiversity. They are considering restoring wildlife corridors that connect fragmented habitats for elephants and other large mammals. The proposal must detail land acquisition or community agreements, habitat restoration methods, and wildlife monitoring systems. Goal: Draft a CSR proposal for restoring wildlife corridors in Assam. Prompt: “**You are** a wildlife conservation CSR planner. **Create** a proposal for restoring elephant corridors in Assam. **Include** mapping, habitat restoration activities, conflict mitigation with local communities, and biodiversity tracking methods.” Inputs: Corridor length and location CSR budget allocation Implementation partners Target wildlife species



75. Prompt 25 – CSR for Green Public Parks in Urban Areas

– CSR for Green Public Parks in Urban Areas Backstory: A bank headquartered in Delhi wants to invest its CSR funds into developing green public spaces for urban residents. The idea is to transform neglected open areas into landscaped parks with native trees, walking tracks, and waste management facilities. The proposal should also integrate community ownership models to ensure upkeep. Goal: **Create** a CSR proposal for urban public park development. Prompt: “**You are** an urban landscape CSR consultant. Draft a proposal for developing green public parks in Delhi. **Include** design layouts, plant selection, waste management plans, community engagement strategies, and annual maintenance budgeting.” Inputs: Number of parks targeted CSR budget allocation Average size of each park Local authority partners



Renewable energy adoption guides

76. Prompt 1 – Solar Rooftop Adoption for Residential Societies

– Solar Rooftop Adoption for Residential Societies Backstory: A premium apartment complex in Gurugram with 300 flats is struggling with high monthly electricity bills, especially for common area lighting, lifts, and water pumps. The residents are environmentally conscious but hesitant about the upfront costs of solar. The society’s management committee wants a comprehensive guide that explains solar rooftop installation benefits, ROI timelines, subsidy options under MNRE schemes,

and vendor selection tips. They also want clarity on legal approvals and maintenance requirements to make an informed decision. Goal: **Create** a step-by-step solar rooftop adoption guide for a large residential society. Prompt: "**You are** a renewable energy consultant. Develop a comprehensive solar rooftop adoption guide for a 300-flat housing society in Gurugram. **Include** cost-benefit analysis, government subsidy details, vendor evaluation checklists, legal compliance steps, and maintenance best practices." Inputs: Number of flats Average monthly electricity consumption Roof space available Budget for installation



77. Prompt 2 – Solar Water Heater Adoption for Small Hotels

– Solar Water Heater Adoption for Small Hotels Backstory: A boutique hotel chain with 15 rooms each in Jaipur and Udaipur spends a significant portion of its energy budget on heating water for guests. The owners want to switch to solar water heating systems to save on costs and market their hotels as eco-friendly. They are unsure about sizing the system, estimating savings, and choosing between flat plate and evacuated tube collectors. They also need to factor in seasonal variations in sunlight. Goal: **Create** an adoption guide for solar water heating systems in small hotels. Prompt: "**You are** a hospitality energy efficiency expert. **Prepare** a solar water heating adoption guide for a small hotel chain in Rajasthan. **Include** system sizing calculations, technology comparisons, ROI projections, maintenance guidelines, and integration with existing water systems." Inputs: Number of rooms per hotel Average hot water demand per day Available roof space Budget for installation



78. Prompt 3 – Wind Energy Adoption for Industrial Parks

– Wind Energy Adoption for Industrial Parks Backstory: An industrial park in Tamil Nadu, housing multiple textile factories, is exploring renewable energy to reduce reliance on grid electricity and diesel generators. Wind energy is a viable option due to consistent wind speeds in the region. However, the park's management needs a detailed adoption guide explaining feasibility studies, land requirements, CAPEX vs. OPEX models, and potential partnerships with IPPs (Independent Power Producers). Goal: **Create** a wind energy adoption guide for industrial park operators. Prompt: "**You are** an industrial renewable energy advisor. Develop a wind energy adoption guide for a textile-focused industrial park in Tamil Nadu. **Include** wind resource assessment methods, land and infrastructure requirements, financing models, power purchase agreements, and maintenance frameworks." Inputs: Size of industrial park Current annual electricity consumption Available land area Budget and financing preferences



79. Prompt 4 – Hybrid Solar-Wind System for Remote Villages

– Hybrid Solar-Wind System for Remote Villages Backstory: A social enterprise in Odisha is working in remote tribal villages with no access to the grid. They want to install hybrid solar-wind microgrids to power homes, schools, and small businesses. The community leaders are enthusiastic but require a clear, easy-to-understand guide on how these systems work, the costs involved, maintenance needs, and benefits compared to diesel generators. Goal: **Create** a simple community-friendly guide for adopting hybrid solar-wind microgrids. Prompt: "**You are** a rural energy specialist. **Create** an adoption guide for hybrid solar-wind microgrids in remote Odisha villages. **Include** system design basics, cost and financing options, maintenance roles for community members, and comparisons to diesel generator alternatives." Inputs: Number of households Average daily energy demand Local wind and solar resource availability Project budget



80. Prompt 5 – Solar-Powered Cold Storage for Farmers

– Solar-Powered Cold Storage for Farmers Backstory: A farmer cooperative in Nashik faces post-harvest losses of fruits and vegetables due to lack of refrigeration facilities. They want to adopt solar-powered cold storage units to preserve produce and sell at better prices. The cooperative leaders need a guide that explains sizing the unit, battery storage needs, cost-benefit analysis, available subsidies, and potential financing options. Goal: **Create** an adoption guide for solar-powered cold storage units for farmer cooperatives. Prompt: "**You are** an agricultural renewable energy consultant. Develop a solar-powered cold storage adoption guide for a farmer cooperative in Nashik. **Include** capacity planning, technical specifications, cost and ROI analysis, government subsidy details, and operational best practices." Inputs: Average daily produce volume Storage temperature requirements Available land/roof space Budget and financing options



81. Prompt 6 – Community Biogas Plant for Semi-Urban Areas Backstory:

– Community Biogas Plant for Semi-Urban Areas Backstory: A semi-urban municipality in Karnataka has several dairy farms, poultry units, and vegetable markets generating large amounts of organic waste daily. The local council is considering setting up a centralised biogas plant to generate clean cooking fuel for low-income households and power for street lighting. However, they need a guide that explains feedstock requirements, plant sizing, CAPEX/OPEX estimates, and potential revenue from byproducts like organic fertiliser. Goal: **Create** a biogas plant adoption guide for semi-urban municipalities. Prompt: "**You are** a renewable energy process consultant. Develop an adoption guide for a community-scale biogas plant in Karnataka. **Include** feedstock assessment, technology options, cost-benefit analysis, byproduct utilisation, and public-private partnership models." Inputs: Daily organic waste volume Number of target households for fuel supply Available land for the plant Budget for installation



82. Prompt 7 – Rooftop Solar Adoption for MSMEs

– Rooftop Solar Adoption for MSMEs Backstory: A cluster of small manufacturing units in Surat's textile sector faces rising energy bills and frequent power cuts. Owners are exploring rooftop solar to cut costs and increase energy security but have limited technical knowledge. They need a guide that outlines system sizing, financing schemes, maintenance, and integration with backup diesel generators. Goal: **Prepare** a rooftop solar adoption guide for MSME manufacturing clusters. Prompt: "**You are** an MSME renewable energy advisor. **Create** an adoption guide for textile MSMEs in Surat to install rooftop solar. **Include** system sizing calculations, financing schemes, hybrid integration with diesel generators, and maintenance contracts." Inputs: Number of units in the cluster Average monthly electricity bill Roof space availability per unit Preferred financing model



83. Prompt 8 – Solar-Powered Irrigation Pumps

– Solar-Powered Irrigation Pumps Backstory: Farmers in drought-prone districts of Maharashtra are spending heavily on diesel pumps for irrigation. A local agricultural NGO wants to promote solar-powered pumps to reduce costs and environmental impact. They need a practical guide that covers pump sizing based on acreage, water requirements, subsidies under KUSUM scheme, and

installation tips. Goal: **Create** a farmer-friendly adoption guide for solar irrigation pumps. Prompt: "You are an agricultural energy consultant. Develop an adoption guide for solar irrigation pumps in Maharashtra, including pump capacity selection, KUSUM scheme subsidy details, installation best practices, and ROI analysis compared to diesel pumps." Inputs: Farm size Water source depth Average irrigation hours per day Farmer budget

84. Prompt 9 – Net-Metering Guide for Urban Homeowners

– Net-Metering Guide for Urban Homeowners Backstory: Urban homeowners in Chennai are increasingly installing rooftop solar panels but are unclear about how net-metering works. Confusion around approvals, metering equipment, and bill adjustments often discourages adoption. The city's renewable energy society wants a clear, illustrated guide for homeowners that simplifies the process while explaining potential savings. Goal: **Create** a step-by-step net-metering adoption guide for residential solar users. Prompt: "You are a solar policy expert. **Create** an illustrated net-metering adoption guide for Chennai homeowners. **Include** application procedures, equipment requirements, billing adjustment examples, and troubleshooting tips." Inputs: State DISCOM net-metering rules Average home electricity consumption Rooftop size Existing or planned solar capacity

85. Prompt 10 – Off-Grid Solar for Eco-Resorts

– Off-Grid Solar for Eco-Resorts Backstory: An eco-resort chain in Himachal Pradesh operates in remote areas without reliable grid connectivity. Diesel generators are expensive and harm the brand's sustainability image. The owners are evaluating off-grid solar with battery storage but are concerned about upfront costs and energy reliability during winter. They want a guide that covers system sizing, battery technology options, seasonal performance, and financing models. Goal: Develop an off-grid solar adoption guide for remote eco-resorts. Prompt: "You are a hospitality renewable energy planner. Draft an adoption guide for off-grid solar systems with battery storage for eco-resorts in Himachal Pradesh. **Include** system sizing, battery type comparison (Li-ion vs. lead-acid), seasonal performance optimisation, and financing schemes." Inputs: Average daily energy load Roof/land space available Budget for installation Backup system requirements

86. Prompt 11 – Solar-Powered Street Lighting for Municipalities

– Solar-Powered Street Lighting for Municipalities Backstory: A municipal corporation in Andhra Pradesh is facing high electricity bills for street lighting, particularly in rural wards. They are considering solar-powered streetlights but need a clear guide for technology selection, installation process, and long-term maintenance contracts. They also want to explore smart lighting features for energy savings. Goal: **Create** an adoption guide for solar-powered street lighting in rural municipalities. Prompt: "You are an urban infrastructure renewable energy consultant. **Create** a detailed adoption guide for installing solar-powered streetlights in Andhra Pradesh's rural wards. **Include** technology types, smart lighting options, installation best practices, and maintenance contracts." Inputs: Number of streetlights planned Lighting hours per day CSR/government funding availability Local vendor options

87. Prompt 12 – Floating Solar Plants for Water Reservoirs

– Floating Solar Plants for Water Reservoirs Backstory: A state water board in Kerala manages large reservoirs that could host floating solar panels. They are interested in using this space for renewable energy generation without land acquisition issues. The board needs a guide covering feasibility studies, anchoring systems, maintenance, and integration with the grid. Goal: **Prepare** a floating solar adoption guide for state water utilities. Prompt: "**You are** a renewable energy project designer. Develop a floating solar adoption guide for large water reservoirs in Kerala. **Include** feasibility assessment, panel anchoring systems, maintenance access, and grid integration methods." Inputs: Reservoir surface area Average sunlight hours Grid connection feasibility Budget and funding sources



88. Prompt 13 – Community Solar Cooperatives

– Community Solar Cooperatives Backstory: A rural development NGO in Bihar wants to set up solar cooperatives where multiple households invest jointly in a shared solar power system. The NGO needs a guide explaining cooperative formation, cost-sharing models, ownership agreements, and power distribution among members. Goal: **Create** a community solar cooperative adoption guide. Prompt: "**You are** a rural renewable energy strategist. Draft an adoption guide for forming solar cooperatives in Bihar villages. **Include** cooperative legal structures, investment models, power allocation methods, and maintenance responsibilities." Inputs: Number of households in cooperative Average household energy needs Total budget Local governance support



89. Prompt 14 – Battery Storage for Solar Installations

– Battery Storage for Solar Installations Backstory: A mid-sized IT firm in Pune has a rooftop solar setup but faces power shortages at night due to lack of storage. They are considering battery backup systems to improve reliability but are confused about technologies, lifespan, and cost-effectiveness. They need a clear adoption guide comparing lithium-ion, lead-acid, and emerging battery options. Goal: **Create** a battery storage adoption guide for commercial solar users. Prompt: "**You are** a solar storage expert. **Create** a detailed adoption guide for adding battery storage to commercial rooftop solar in Pune. **Include** technology comparisons, sizing calculations, cost-benefit analysis, and maintenance guidelines." Inputs: Current solar capacity Night-time energy needs Budget for storage Backup duration requirement



90. Prompt 15 – Solar-Powered EV Charging Stations

– Solar-Powered EV Charging Stations Backstory: A start-up in Delhi is planning to enter the EV charging market with a focus on renewable energy. They want to set up solar-powered charging stations in urban and peri-urban areas but need a clear guide on capacity planning, battery integration, and revenue models. Goal: **Prepare** an adoption guide for solar-powered EV charging infrastructure. Prompt: "**You are** an EV infrastructure renewable energy consultant. Develop a guide for setting up solar-powered EV charging stations in Delhi, including system sizing, grid/battery hybrid setups, location selection, and pricing models." Inputs: Number of stations planned Target EV types (two-wheeler, four-wheeler) Budget per station Available roof/land space



91. Prompt 16 – Solar-Powered Water Desalination Units

– Solar-Powered Water Desalination Units Backstory: A coastal village cluster in Gujarat struggles with saline groundwater, forcing residents to rely on expensive bottled water. A CSR foundation wants to fund small-scale solar desalination plants to provide safe drinking water. The implementing team needs a guide explaining capacity planning, technology options (RO vs. distillation), maintenance needs, and cost-sharing models with the community. Goal: **Create** an adoption guide for solar-powered desalination plants in coastal areas. Prompt: "**You are** a rural water energy consultant. Develop a guide for setting up solar-powered desalination units in Gujarat's coastal villages. **Include** technology comparisons, capacity calculations, maintenance protocols, and community ownership models." Inputs: Number of households to serve Water quality data Available budget Preferred desalination technology



92. Prompt 17 – Biomass Gasifier for Agro-Processing Units

– Biomass Gasifier for Agro-Processing Units Backstory: A rice mill in West Bengal produces tons of husk waste every month. The owner wants to install a biomass gasifier to generate electricity and heat for milling operations, reducing dependence on the grid. They need a guide covering technology selection, fuel processing, efficiency optimisation, and safety compliance. Goal: **Prepare** an adoption guide for biomass gasifiers in agro-processing industries. Prompt: "**You are** an industrial renewable energy advisor. **Create** a biomass gasifier adoption guide for a rice mill in West Bengal, including fuel preparation methods, system sizing, efficiency optimisation, and safety protocols." Inputs: Monthly biomass availability Energy requirements Budget for installation Operational manpower availability



93. Prompt 18 – Community Micro-Hydro Projects

– Community Micro-Hydro Projects Backstory: A hilly district in Uttarakhand has several small streams that could power micro-hydro projects. A local NGO wants to help villages set up community-owned micro-hydro plants for electricity and irrigation pumping. They need a simple guide explaining site assessment, water rights, seasonal flow considerations, and maintenance routines. Goal: **Create** an adoption guide for village-level micro-hydro plants. Prompt: "**You are** a rural hydro energy consultant. Draft an adoption guide for community micro-hydro projects in Uttarakhand, including site surveys, technology choices, community ownership models, and long-term maintenance plans." Inputs: Stream flow data Number of households to serve Available budget Local governance involvement



94. Prompt 19 – Rooftop Solar for Educational Institutions

– Rooftop Solar for Educational Institutions Backstory: A chain of private schools in Hyderabad wants to cut energy bills and teach students about sustainability. They plan to install rooftop solar panels across all campuses. The management requires a guide explaining system sizing, financing models (loans, leases, PPAs), safety compliance, and integration with educational programs. Goal: Develop a solar rooftop adoption guide for educational campuses. Prompt: "**You are** an institutional renewable energy planner. **Create** a rooftop solar adoption guide for private schools in Hyderabad, including sizing calculations, financing options, safety compliance, and student engagement activities." Inputs: Number of campuses Average monthly energy consumption per campus Roof space availability Budget allocation



95. Prompt 20 – Hybrid Solar-Diesel Systems for Remote Hospitals

– Hybrid Solar-Diesel Systems for Remote Hospitals Backstory: A rural hospital in Jharkhand depends on a diesel generator for power, but fuel costs are high and supply is unreliable. The hospital director is interested in installing a solar-diesel hybrid system with battery backup to ensure uninterrupted operations. They need a guide on system design, load prioritisation, cost savings, and maintenance planning. Goal: **Create** an adoption guide for hybrid solar-diesel systems in rural hospitals. Prompt: "**You are** an off-grid energy systems consultant. Develop a solar-diesel hybrid adoption guide for rural hospitals in Jharkhand, including load management strategies, cost-benefit analysis, battery storage sizing, and maintenance schedules." Inputs: Daily energy demand Current diesel usage Available budget Critical equipment load list



96. Prompt 21 – Solar-Powered Aquaculture Systems

– Solar-Powered Aquaculture Systems Backstory: Fish farmers in Andhra Pradesh are facing rising electricity costs for aeration and pumping in aquaculture ponds. A local cooperative wants to switch to solar-powered systems to improve profitability and reduce environmental impact. They need a guide that covers system sizing, seasonal performance, and return on investment. Goal: **Prepare** a solar adoption guide for aquaculture applications. Prompt: "**You are** an aquaculture renewable energy specialist. **Create** a guide for solar-powered aeration and pumping systems in Andhra Pradesh fish farms, including system sizing, seasonal performance, ROI analysis, and maintenance tips." Inputs: Pond size and depth Current energy usage Budget for transition Equipment type (aerators/pumps)



97. Prompt 22 – Waste-to-Energy for Municipalities

– Waste-to-Energy for Municipalities Backstory: A mid-sized city in Madhya Pradesh is exploring a waste-to-energy plant to handle its growing solid waste problem. The municipality needs a guide that covers technology options (incineration, anaerobic digestion), feedstock requirements, emissions control, and power sales to the grid. Goal: **Create** a waste-to-energy adoption guide for municipal authorities. Prompt: "**You are** an urban waste-to-energy consultant. Draft a guide for setting up a municipal waste-to-energy plant in Madhya Pradesh, including technology comparisons, feedstock assessments, emissions compliance, and power purchase agreements." Inputs: Daily waste volume Waste composition data Available land for plant Budget and funding sources



98. Prompt 23 – Solar-Powered Mobile Health Clinics

– Solar-Powered Mobile Health Clinics Backstory: An NGO in Rajasthan runs mobile health vans serving remote desert villages. Currently, they use diesel generators for refrigeration and diagnostic equipment, which is costly and polluting. They are considering solar-powered systems with battery storage to make the vans cleaner and quieter. They need a guide covering system integration, space optimisation, and cost savings. Goal: Develop an adoption guide for solar-powered mobile healthcare vans. Prompt: "**You are** a mobile infrastructure renewable energy consultant. **Create** a guide for integrating solar power into mobile health vans in Rajasthan, including system sizing,

space optimisation, cost analysis, and maintenance guidelines." Inputs: Number of vans Equipment power needs Roof space available per van Budget for retrofitting

99. Prompt 24 – Corporate Renewable Energy Transition Roadmap

– Corporate Renewable Energy Transition Roadmap Backstory: A large FMCG company in Mumbai wants to transition all its manufacturing facilities to renewable energy within 10 years. Management needs a comprehensive roadmap that includes phased adoption of solar, wind, and biomass, along with carbon footprint reduction targets. They also want to explore corporate PPAs and carbon credit monetisation. Goal: **Create** a renewable energy transition roadmap for a large corporate. Prompt: "**You are** a corporate sustainability strategist. Develop a 10-year renewable energy adoption roadmap for an FMCG company in Mumbai, including technology mix, investment planning, PPA negotiations, carbon credit revenue, and annual progress tracking." Inputs: Number of manufacturing sites Current energy consumption per site Budget allocation per year Carbon reduction targets

100. Prompt 25 – Solar-Powered Desalination for Island Resorts

– Solar-Powered Desalination for Island Resorts Backstory: Luxury resorts in the Lakshadweep Islands spend heavily on importing fresh water. Resort owners are exploring solar-powered desalination units to meet their water needs sustainably. They need a detailed guide covering plant sizing, operational costs, environmental impact, and branding advantages for eco-tourism. Goal: **Prepare** a solar desalination adoption guide for luxury resorts. Prompt: "**You are** a hospitality renewable water solutions consultant. **Create** an adoption guide for solar-powered desalination units in Lakshadweep resorts, including capacity planning, operational workflows, environmental considerations, and marketing benefits." Inputs: Daily water demand per resort Available land or jetty space Budget for installation Preferred water quality standards

Embedding AI with Environment & Sustainability

101. Prompt 1 – AI-Driven Air Quality Prediction Model

– AI-Driven Air Quality Prediction Model Backstory: A municipal corporation in Delhi is trying to combat worsening air pollution during winter. Current air quality reports are reactive, showing data after pollution levels have already spiked. The environment department wants an AI-based prediction system that can forecast AQI levels 48–72 hours in advance. This would allow them to pre-emptively implement traffic restrictions, construction halts, and public advisories. The team needs a guide on building, training, and deploying such a predictive model using historical weather, pollution, and traffic data. Goal: **Create** an AI implementation guide for forecasting urban air quality. Prompt: "**You are** an environmental data scientist. Develop a step-by-step guide for creating an AI-based air quality prediction system for Delhi. **Include** dataset requirements, preprocessing steps, model selection (LSTM, Prophet, etc.), accuracy evaluation, and deployment options for municipal dashboards." Inputs: Historical AQI data source Weather and traffic datasets Prediction time horizon Available computational resources

102. Prompt 2 – AI-Powered Waste Segregation System

– **AI-Powered Waste Segregation System Backstory:** A smart city initiative in Pune is exploring automation in waste management. Currently, waste segregation is manual, inconsistent, and error-prone. The city wants to pilot AI-powered image recognition systems at waste collection points to automatically sort recyclables, organics, and landfill waste. The implementation team needs a practical guide to setting up the AI model, integrating it with conveyor belts, and ensuring compliance with municipal waste rules. Goal: **Create** an AI adoption guide for automated waste segregation. Prompt: **"You are** a computer vision engineer. **Create** an implementation guide for an AI-powered waste segregation system in Pune. **Include** image dataset creation, model training (CNN, YOLO), hardware integration with sorting conveyors, accuracy monitoring, and real-time reporting." Inputs: Number of sorting stations Waste category definitions Budget for AI hardware/software Expected daily waste volume



103. Prompt 3 – AI-Based Energy Consumption Optimisation in Manufacturing

– **AI-Based Energy Consumption Optimisation in Manufacturing Backstory:** A steel manufacturing plant in Jharkhand spends nearly 25% of its operational budget on electricity. Energy usage is currently monitored manually, making it hard to identify inefficiencies in real time. Management wants an AI-driven system that can analyse sensor data from machinery and suggest optimal operating schedules to reduce consumption without affecting output. Goal: Develop an AI-powered energy optimisation plan for a manufacturing plant. Prompt: "**You are** an industrial AI solutions architect. **Create** a guide for implementing an AI-based energy consumption optimisation system for a steel plant in Jharkhand. **Include** sensor integration, data pipeline design, anomaly detection algorithms, predictive scheduling, and monthly savings estimation." Inputs: Number of production lines Current energy consumption data Budget for AI deployment Desired energy savings target



104. Prompt 4 – AI-Enhanced Crop Yield Prediction for Sustainable Farming

– **AI-Enhanced Crop Yield Prediction for Sustainable Farming Backstory:** A farmer producer organisation (FPO) in Madhya Pradesh works with 1,200 smallholder farmers growing wheat and soybeans. Climate change is making yields unpredictable. The FPO wants an AI model that uses weather forecasts, soil sensor data, and historical yield records to predict output and guide sustainable farming practices. This will help farmers make informed decisions on irrigation and fertiliser use. Goal: **Create** an AI adoption guide for crop yield prediction. Prompt: "**You are** an agricultural AI specialist. Develop a guide for building an AI-based crop yield prediction model for smallholder farmers in Madhya Pradesh. **Include** data collection methods, preprocessing steps, model choices (XGBoost, Random Forest, etc.), and farmer-friendly result visualisations." Inputs: Crop types and acreage Historical yield data Weather and soil sensor availability Budget for AI development



105. Prompt 5 – AI for Real-Time Water Leak Detection in Urban Networks

– **AI for Real-Time Water Leak Detection in Urban Networks Backstory:** A water utility in Bengaluru loses nearly 20% of its treated water due to leaks in underground pipelines. Manual inspections are slow and costly. The operations team wants to deploy an AI-powered leak detection system that uses IoT sensors, flow data, and anomaly detection algorithms to pinpoint leaks in real time. Goal: **Prepare** an AI implementation guide for water leak detection in urban networks. Prompt: "**You are**

109. Prompt 9 – AI-Driven Solar Panel Maintenance Scheduling

– AI-Driven Solar Panel Maintenance Scheduling Backstory: A solar farm in Rajasthan has thousands of panels spread over 50 acres. Dust buildup and minor faults reduce output significantly, but manual inspections take days. The operations team wants an AI-based predictive maintenance system that uses panel output data, weather conditions, and thermal imaging to schedule cleaning and repairs only when needed. Goal: Develop an AI implementation guide for predictive solar panel maintenance. Prompt: "**You are** a renewable asset AI maintenance consultant. **Create** a guide for deploying an AI-based predictive maintenance system for a solar farm in Rajasthan. **Include** data collection from sensors, machine learning model design, maintenance trigger thresholds, and cost-benefit projections." Inputs: Number of panels Sensor/monitoring infrastructure Maintenance cost per cycle Target downtime reduction percentage



110. Prompt 10 – AI for Flood Risk Mapping

– AI for Flood Risk Mapping Backstory: A disaster management authority in Assam faces severe floods every monsoon season. Current flood risk maps are outdated and reactive. They want an AI model that combines historical flood data, rainfall forecasts, and river level measurements to generate dynamic, real-time flood risk maps for early evacuation planning. Goal: **Prepare** an AI adoption guide for predictive flood risk mapping. Prompt: "**You are** a climate risk AI modeller. **Create** a step-by-step guide for developing an AI-based flood risk mapping system for Assam. **Include** data ingestion pipelines, model selection (Gradient Boosting, CNN), integration with GIS tools, and community alert mechanisms." Inputs: Historical flood maps and data Rainfall and river monitoring data GIS platform choice Budget for AI integration



111. Prompt 11 – AI for Sustainable Supply Chain Optimisation

– AI for Sustainable Supply Chain Optimisation Backstory: A large FMCG company in Mumbai sources raw materials from multiple suppliers across India. Transport inefficiencies and poor route planning increase carbon emissions. The supply chain head wants to deploy AI to optimise routes, consolidate shipments, and select eco-friendly transport modes. Goal: **Create** an AI adoption guide for green supply chain management. Prompt: "**You are** a supply chain AI optimisation expert. Develop a guide for implementing an AI-powered route and load optimisation system for FMCG logistics in India. **Include** data inputs needed, algorithm recommendations (Linear Programming, Reinforcement Learning), emission tracking, and cost savings reporting." Inputs: Number of transport routes Current transport modes Emission reduction targets Budget for AI implementation



112. Prompt 12 – AI for Smart Building Energy Management

– AI for Smart Building Energy Management Backstory: A tech park in Hyderabad has multiple office buildings with high energy consumption due to lighting, HVAC, and server rooms running 24/7. They want an AI-driven system to monitor real-time energy use, detect anomalies, and automatically adjust systems to save energy. Goal: Develop an AI guide for intelligent building energy management. Prompt: "**You are** a smart building AI engineer. **Create** an adoption guide for deploying an AI-based energy management system in Hyderabad's tech park. **Include** sensor deployment, predictive algorithms, automation protocols, and integration with building management systems." Inputs: Number of buildings Current energy consumption data Budget for AI integration Control system compatibility



113. Prompt 13 – AI for Marine Plastic Waste Detection

– AI for Marine Plastic Waste Detection Backstory: A coastal cleanup NGO in Chennai wants to monitor marine plastic pollution along 200 km of shoreline. Manual surveys are slow and inconsistent. They are exploring AI-based image recognition from drones and beach cameras to detect and classify waste types for targeted cleanup efforts. Goal: **Create** an AI adoption guide for marine plastic waste monitoring. Prompt: "**You are** a computer vision AI marine specialist. Develop a guide for implementing AI-based detection of marine plastic waste in Chennai's coastal areas. **Include** drone/camera deployment, dataset creation, waste classification models, and dashboard visualisation." Inputs: Length of coastline to cover Available drone/camera budget Waste category taxonomy Cleanup frequency



114. Prompt 14 – AI for Optimising EV Charging Station Placement

– AI for Optimising EV Charging Station Placement Backstory: A renewable energy startup in Bengaluru wants to expand its EV charging network but needs to choose the best locations for new stations. They want to use AI to analyse traffic patterns, EV adoption rates, and proximity to renewable power sources. Goal: **Prepare** an AI adoption guide for EV charging location optimisation. Prompt: "**You are** a geospatial AI infrastructure planner. **Create** a guide for using AI to select optimal EV charging station locations in Bengaluru. **Include** dataset requirements (traffic, EV density, renewable energy availability), clustering algorithms, and ROI projections." Inputs: Target number of new stations Geographic coverage area Available datasets Budget for AI analysis



115. Prompt 15 – AI for Predicting Renewable Energy Generation

– AI for Predicting Renewable Energy Generation Backstory: A utility company in Gujarat operates both wind and solar farms but faces challenges in accurately predicting output for grid balancing. They want an AI system that integrates weather forecasts, historical generation data, and seasonal patterns to make hour-by-hour production forecasts. Goal: **Create** an AI adoption guide for renewable energy generation prediction. Prompt: "**You are** a renewable energy forecasting AI consultant. Develop a guide for building an AI model that predicts solar and wind generation in Gujarat. **Include** data preprocessing, model choice (Hybrid CNN-LSTM), forecast validation, and integration with grid management systems." Inputs: Historical generation data Weather forecast sources Forecast time horizon Budget for AI development



116. Prompt 16 – AI for Urban Heat Island Mapping

– AI for Urban Heat Island Mapping Backstory: In Delhi, summer temperatures are rising due to dense construction and lack of green cover, creating "urban heat islands" that trap heat. The municipal corporation wants to identify these zones accurately to prioritise tree plantation and reflective roofing projects. Manual surveys are expensive and limited in coverage. They want an AI-based mapping system that uses thermal satellite imagery, building density data, and vegetation indexes to generate an up-to-date heat map. Goal: Develop an AI implementation guide for urban heat island detection and mapping. Prompt: "**You are** an urban climate AI analyst. **Create** a guide for building an AI-powered urban heat island mapping system for Delhi. **Include** data sourcing from

satellites (e.g., Landsat, Sentinel), preprocessing methods, model training for hotspot detection, and integration into a public planning dashboard." Inputs: City boundaries and zoning data Thermal imagery sources Budget for AI development Preferred map visualisation tool

117. Prompt 17 – AI for Industrial Emissions Monitoring

– AI for Industrial Emissions Monitoring Backstory: A manufacturing cluster in Maharashtra is under pressure to comply with stricter air quality standards. Current emissions reporting is done manually by factory staff, leading to inconsistencies. They want an AI system that uses IoT sensors on chimneys to track particulate matter, NOx, and SOx emissions in real-time, flagging anomalies and generating compliance reports automatically. Goal: **Create** an AI adoption guide for real-time industrial emissions tracking. Prompt: "**You are** an environmental AI compliance consultant. Develop a guide for deploying AI-enabled IoT sensor networks to monitor industrial emissions in Maharashtra. **Include** sensor calibration, data cleaning, anomaly detection algorithms, and automated reporting formats aligned with CPCB standards." Inputs: Number of factories to monitor Sensor specifications Reporting frequency Regulatory compliance requirements

118. Prompt 18 – AI-Powered Wildlife Poaching Prevention

– AI-Powered Wildlife Poaching Prevention Backstory: A wildlife reserve in Madhya Pradesh is home to endangered tigers and leopards. Poachers often enter at night using forest trails. The reserve authority wants to install AI-based camera traps that can identify humans and vehicles, triggering instant alerts to rangers via mobile apps. They also want to integrate historical poaching incident data to predict high-risk zones. Goal: Develop an AI system plan for anti-poaching surveillance. Prompt: "**You are** a conservation AI specialist. **Create** a guide for implementing AI-enabled poaching detection in Madhya Pradesh's tiger reserve. **Include** camera trap placement, image recognition model training, risk prediction mapping, and alert automation workflows." Inputs: Reserve size and terrain type Camera budget and placement density Historical poaching data Ranger response protocols

119. Prompt 19 – AI for Waste Segregation in Smart Cities

– AI for Waste Segregation in Smart Cities Backstory: A smart city project in Surat has installed waste collection points across the city but segregation of wet and dry waste is inconsistent, reducing recycling efficiency. They want to use AI-powered vision systems at collection points to automatically detect and sort waste, reducing manual labour and contamination. Goal: **Prepare** an AI adoption guide for automated waste segregation. Prompt: "**You are** a waste management AI engineer. **Design** a guide for integrating AI-powered waste segregation into Surat's smart city project. **Include** camera/sensor setup, dataset creation for waste classification, real-time sorting mechanisms, and integration with recycling facilities." Inputs: Number of collection points Type of waste to classify Budget for hardware and AI development Desired sorting accuracy percentage

120. Prompt 20 – AI for Sustainable Fisheries Management

– AI for Sustainable Fisheries Management Backstory: Fishermen in Kerala face declining fish stocks due to overfishing and changing sea temperatures. The fisheries department wants an

AI-based advisory system that predicts fishing zones based on satellite sea surface temperature data, chlorophyll levels, and historical catch patterns, while ensuring sustainable quotas. Goal: Develop an AI adoption guide for sustainable fishing advisory systems. Prompt: **"You are** a marine AI resource planner. **Create** a detailed guide for building an AI system that predicts optimal and sustainable fishing zones in Kerala. **Include** satellite data integration, predictive algorithms, quota enforcement logic, and multilingual SMS advisory systems for fishermen." Inputs: Historical catch data Satellite data sources Sustainability quota limits Languages for communication

121. Prompt 21 – AI for Monitoring Renewable Energy Asset Lifespan

– **AI for Monitoring Renewable Energy Asset Lifespan Backstory:** A company in Tamil Nadu operates 200 wind turbines. Maintenance is reactive and based on breakdowns, causing high repair costs and downtime. They want an AI model to predict turbine component failures months in advance using vibration, temperature, and operational data, helping extend asset lifespan. **Goal:** **Create** a predictive maintenance AI plan for wind turbines. **Prompt:** "**You are** a renewable energy AI maintenance consultant. Develop a plan for predictive analytics on wind turbine lifespan in Tamil Nadu. **Include** sensor integration, historical data usage, failure prediction models, and maintenance scheduling dashboards." **Inputs:** Number of turbines Sensor data availability Maintenance budget Target uptime percentage

122. Prompt 22 – AI for Carbon Footprint Tracking in Manufacturing

– AI for Carbon Footprint Tracking in Manufacturing Backstory: A textile factory in Gujarat exports to Europe and must meet strict carbon footprint disclosure requirements. They want an AI tool to track carbon emissions across the production cycle—from raw material sourcing to shipping—helping them identify areas to reduce emissions and generate EU-compliant reports. Goal: Develop an AI-powered carbon tracking and reporting system. Prompt: **"You are** a manufacturing AI sustainability consultant. **Create** a guide for implementing AI-based carbon footprint monitoring for a textile factory in Gujarat. **Include** data collection points, calculation methodology, AI dashboard design, and automated compliance reporting features." Inputs: Production workflow details Energy source mix Reporting format requirements Reduction targets

123. Prompt 23 – AI for Climate-Resilient Crop Planning

– AI for Climate-Resilient Crop Planning Backstory: Farmers in Andhra Pradesh face unpredictable rainfall and temperature shifts. The agriculture department wants an AI system that recommends climate-resilient crops based on soil health, seasonal forecasts, and historical yield data. It should also suggest planting schedules and water management plans. Goal: **Create** an AI adoption blueprint for climate-smart agriculture. Prompt: "**You are** an agri-tech AI strategist. Develop a guide for building an AI crop planning system for Andhra Pradesh farmers. **Include** soil and weather data integration, yield prediction models, multilingual mobile app interface, and farmer training modules." Inputs: Soil test data Historical yield records Weather forecast APIs Target farmer demographics

124. Prompt 24 – AI for Water Quality Monitoring in Rivers

– AI for Water Quality Monitoring in Rivers Backstory: The Ganga River in Uttar Pradesh faces industrial and domestic pollution. The pollution control board wants an AI system that uses IoT sensors and satellite imagery to monitor water quality indicators like pH, turbidity, and chemical contamination in real-time, issuing alerts for unsafe levels. Goal: Develop an AI water quality monitoring and alert system. Prompt: "**You are** an environmental AI water specialist. **Create** a guide for implementing AI-based water quality monitoring for the Ganga River. **Include** sensor placement strategy, data cleaning techniques, anomaly detection models, and public alert mechanisms." Inputs: Monitoring stations count Water quality parameters Alert channels (SMS, app, public boards) Data update frequency



125. Prompt 25 – AI for Sustainable Urban Mobility Planning

– AI for Sustainable Urban Mobility Planning Backstory: Bengaluru's traffic congestion is worsening, leading to higher emissions and commuter stress. The urban planning authority wants to use AI to model traffic flows, predict peak congestion times, and recommend policy interventions like dynamic traffic light control, carpool incentives, and dedicated cycling lanes. Goal: **Create** an AI-powered sustainable mobility planning framework. Prompt: "**You are** an urban AI mobility planner. Develop a guide for deploying AI to improve sustainable urban transport in Bengaluru. **Include** traffic data integration, simulation models, optimisation algorithms, and impact assessment metrics." Inputs: Traffic sensor coverage Public transport schedules Mobility policy goals Implementation budget

