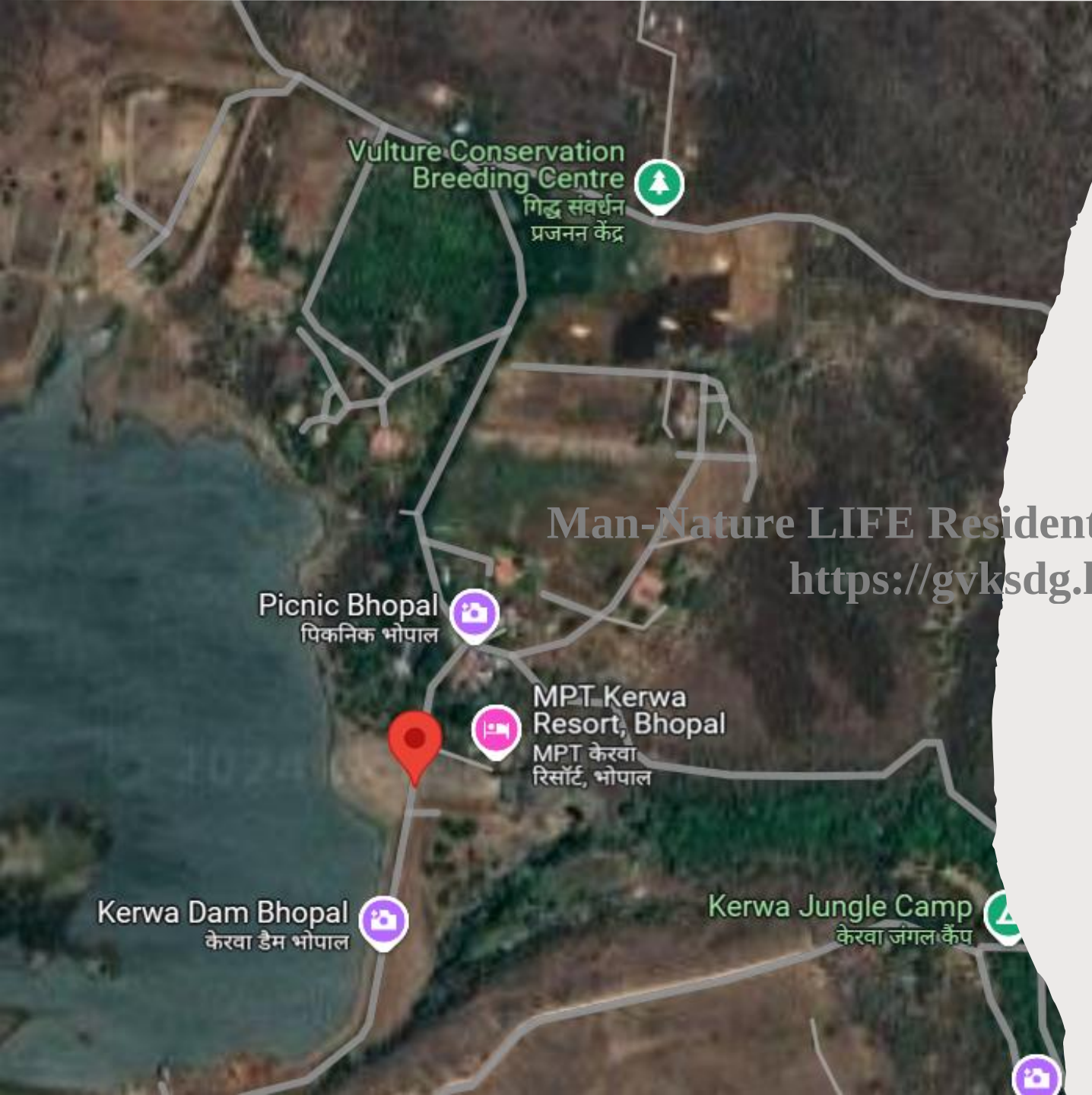




Kerwa Dam

Nature Sustainable Townships LIFE Residential Programme
<https://gvksdg.life/>





- **Kerwa Dam**, located in Mendora village, approximately 14 kilometers from Bhopal, is a picturesque retreat surrounded by lush hills and the serene Kerwa reservoir. It is a popular destination for relaxation, adventure, and eco-tourism, drawing city dwellers and nature enthusiasts alike.
- Known for its stunning panoramic views of the hills and water body, making it a perfect weekend getaway. The dam is also an emerging hotspot for adventure activities, picnics, and birdwatching.

A photograph of a wooden cabin with a red corrugated metal roof. The cabin has a large wooden deck with railings and is surrounded by lush greenery, including a large tree in the foreground and various bushes. The scene is set in a natural, wooded area.

Climatic Conditions

Summer (March to June):

- Temperatures range from 25°C to 40°C.
- Days are warm, but evenings near the water body are cooler and more pleasant.

Monsoon (July to September):

- Heavy rainfall transforms the surroundings into a lush green paradise.
- Temperatures range from 20°C to 30°C.

Winter (October to February):

- Cool and pleasant with temperatures ranging from 10°C to 25°C.
- Best time for outdoor and adventure activities.

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Geography

- **Location:** Kerwa Dam is nestled at the edge of the Mendora village hills, surrounded by verdant forests and a pristine reservoir.
- **Topography:** The terrain is a mix of rolling hills, dense greenery, and the expansive Kerwa reservoir, which adds to the area's natural beauty.
- **Water Body:** The reservoir, fed by rainwater and seasonal streams, supports the local ecosystem, providing a serene environment for flora, fauna, and human activity.



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Why Kerwa Dam Is Ideal for 108-Cottage Nature Sustainable Townships

- The area's natural beauty, accessibility, and eco-tourism potential make it a prime location for a **108-cottage sustainable township**. The project can balance development and conservation, showcasing the perfect blend of eco-friendly living and tourism.

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The **Kerwa Dam 108-cottage sustainable township** aims to set a benchmark for eco-tourism and sustainable living. It will:

- Preserve and enhance the area's natural beauty and biodiversity.
- Empower local communities through employment and training.
- Promote a lifestyle of harmony with nature, combining comfort and sustainability.



Sustainability Features of the Township

Eco-Friendly Construction:

- Locally sourced materials like bamboo, clay, and stone to reduce the carbon footprint.
- Implement rammed earth construction or CSEB blocks for eco-friendly building practices.

Zero Concrete Policy:

- Minimize the use of cement; instead, use lime mortar and other sustainable alternatives.

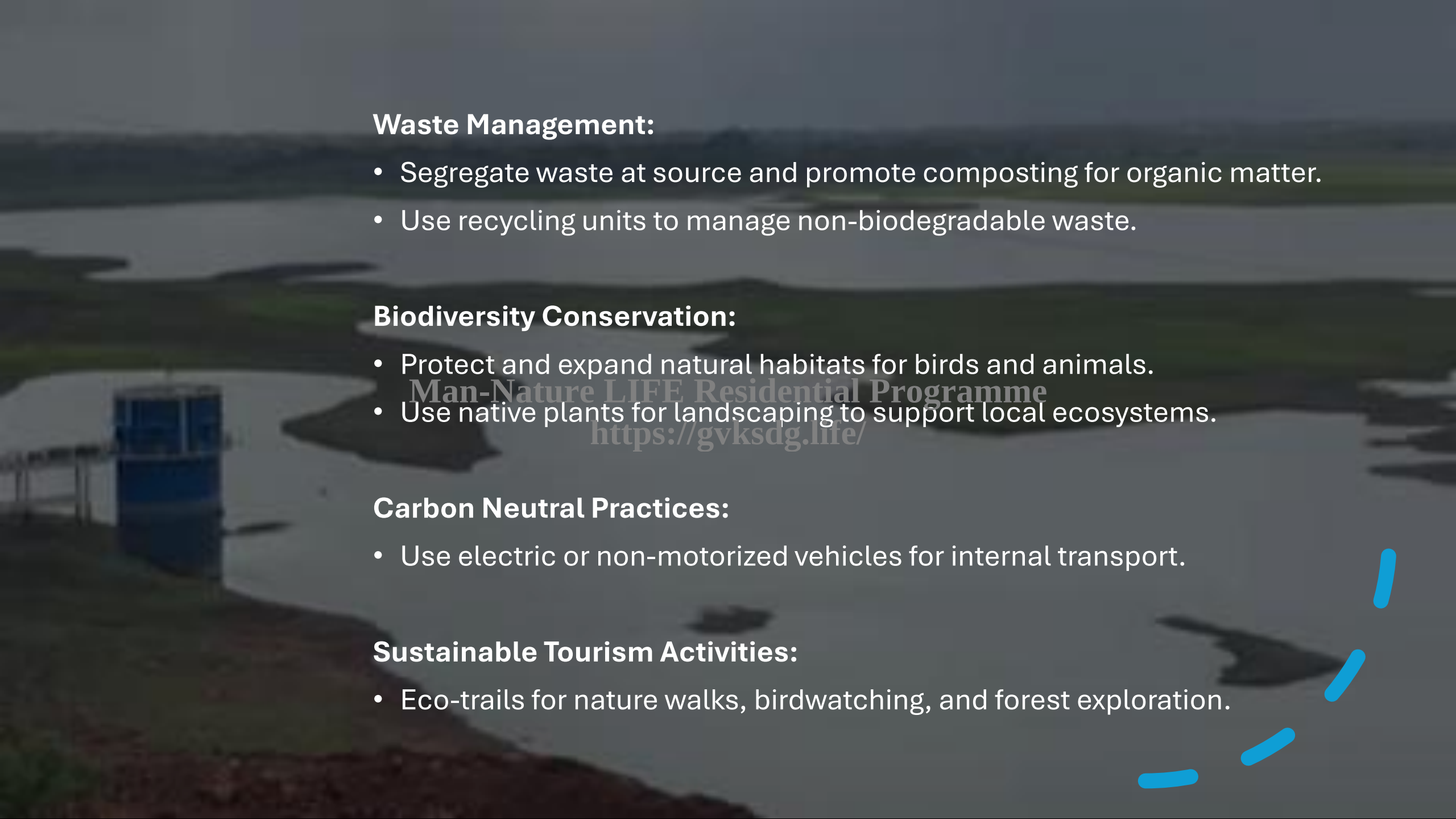
Zero Plastics Policy:

- Ban single-use plastics, encourage reusable or biodegradable options.
- Provide alternatives like cloth bags and glass bottles.

Clean Energy:

- Install solar panels for electricity and hot water needs.
- Incorporate biogas plants for cooking fuel using organic waste.





Waste Management:

- Segregate waste at source and promote composting for organic matter.
- Use recycling units to manage non-biodegradable waste.

Biodiversity Conservation:

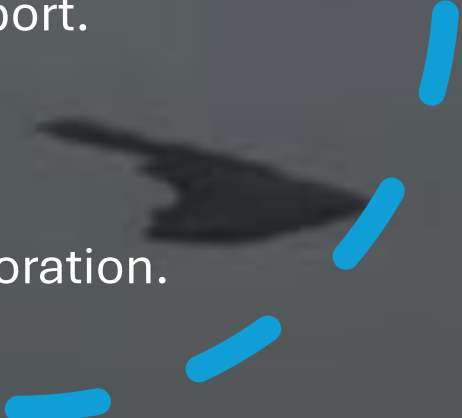
- Protect and expand natural habitats for birds and animals.
- Use native plants for landscaping to support local ecosystems.

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Carbon Neutral Practices:

- Use electric or non-motorized vehicles for internal transport.

Sustainable Tourism Activities:

- Eco-trails for nature walks, birdwatching, and forest exploration.
- 

Impact of the 108- Cottage Nature Sustainable Township

Environmental Impact

Biodiversity Preservation:

- Create sanctuaries for local wildlife and bird species.
- Enhance green cover with native trees and shrubs.

Water Conservation:

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- Efficient water management reduces strain on the reservoir.
- Rainwater harvesting and greywater recycling promote sustainability.

Pollution Mitigation:

- Reduced air, water, and noise pollution through eco-friendly practices.



Economic Impact

Job Creation:

- Generate employment in construction, maintenance, and eco-tourism.

Boost to Local Economy:

- Promote local handicrafts, organic farming, and traditional cuisine.

Eco-Tourism Revenue:

- Attract eco-conscious travelers, contributing to sustainable tourism growth.

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LIFE Group, and life

Social Impact

Community Engagement:

- Collaborate with local villagers to create employment opportunities and foster cultural exchange.
- Train locals in sustainable living practices and eco-tourism.

Healthier Living:

- Offer a tranquil, pollution-free environment, improving mental and physical well-being for residents and visitors.

Education and Awareness:

- Use the township as a platform to educate people about sustainable living and conservation practices.



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Thank You