



THIRD ONLINE MEETING WITH THE STUDENTS - THEMES TO FOCUS ON

Sustainable design and building in tourism contexts focus on minimizing environmental impact while providing a comfortable and enjoyable experience for visitors. The ten key components typically include:

- **Energy Efficiency:** Implementing renewable energy sources such as solar panels and wind turbines, and using energy-efficient appliances and lighting.
- **Water Conservation:** Utilizing rainwater harvesting systems, low-flow fixtures, and efficient wastewater management to reduce water usage.
- **Eco-friendly Materials:** Using sustainable, locally-sourced, and recycled materials in construction to minimize the carbon footprint.
- **Waste Reduction:** Implementing comprehensive recycling and composting programs, and reducing single-use plastics and other non-biodegradable materials.
- **Sustainable Transportation:** Encouraging the use of electric vehicles, bicycles, and public transport options for tourists to reduce carbon emissions.
- **Preservation of Local Ecosystems:** Designing structures and activities that do not harm local flora and fauna, and contributing to conservation efforts.
- **Cultural Sensitivity:** Respecting and incorporating local culture and heritage in the design and operation of tourism facilities.
- **Community Involvement:** Engaging local communities in the development process and ensuring they benefit from tourism activities.
- **Green Building Certification:** Striving for certifications like LEED (Leadership in Energy and Environmental Design) to ensure adherence to sustainable building standards.
- **Sustainable Operations and Maintenance:** Implementing practices like energy management systems and green cleaning protocols to ensure ongoing sustainability.