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Sustainable cities and communities - Higher education campuses - Guidance for the practical implementation of GB/T 40759

城市和社区可持续发展 高等院校校园 实施GB/T 40759指南

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7.1 Resources

7.1.1 Resource Classification Management bodies need to ensure the availability of the various resources required to achieve sustainable development goals, supporting the establishment, implementation, operation, and continuous improvement of the management system. Furthermore, it is advisable to actively explore and introduce innovative mechanisms, such as establishing campus carbon accounts and implementing carbon credits, to broaden resource channels and strengthen support for teachers and students. Positive incentives for sustainable behavior. These mainly include the following types.

---Financial resources. including internal budget, special funds, and external funding. Actively promote models such as energy performance contracting to introduce social capital. This paper combines innovative mechanisms such as green finance and campus carbon accounts to build a diversified resource mobilization and incentive system.

---Human Resources. This includes school administrators, teachers, researchers, support staff, student volunteers, and potential external advisors. Teams, etc. Leveraging the professional strengths and synergistic effects of various personnel, we will promote interdisciplinary collaboration and joint development by faculty and students.

---Material resources. including basic infrastructure such as buildings, sites, roads, green spaces, energy supply, water supply, and telecommunications. Priority will be given to renewable energy. Sustainable facilities such as energy systems, sponge cities, green transportation, green building materials, and special equipment for maintenance and upgrading.

---Information Resources. These include monitoring systems, data platforms, carbon emission databases, and knowledge bases and case studies on campus sustainable development. (Guarantee/Safeguard) The timeliness, traceability, and accessibility of information serve scientific decision-making.

7.2 Personnel Capabilities

7.2.1 Staffing Management organizations need to clearly define the responsibilities of various personnel in sustainable development, provide necessary organizational support and capacity assurance, and ensure the management system's effectiveness. Effective implementation and continuous improvement. To achieve effective sustainable development management, the following factors should be considered in terms of staffing and organizational arrangements.

---Recruit personnel with relevant backgrounds and professional skills, such as those in environmental science, energy management, green building, and sustainable education;

---Encourage multidisciplinary, multi-level, and multi-role participants to collaborate, forming a diverse group composed of administrators, faculty and student representatives, and experts. team;

---Possess the ability to implement, evaluate, and improve sustainable development measures, such as developing programs, driving implementation, and tracking performance;

---Support internal and external collaboration, establish cross-departmental linkage mechanisms, and introduce resources from off-campus institutions, enterprises, or alumni;

---Enhance organizational coordination and collective action capabilities by building consensus, establishing communication mechanisms, and designing systems to ensure university-wide participation. And linkage; Emphasizing the structured, diverse, and systematic nature of capabilities is a crucial foundation for higher education institutions to promote sustainable campus development, including personnel capabilities. The construction should be integrated throughout the entire process of strategic planning, project implementation, teaching and research, and campus culture development.

7.2.2 Knowledge Promoting sustainable development on campus requires relevant personnel in higher education institutions to possess both fundamental and practically oriented knowledge to support management and implementation. Effective implementation of the work. The knowledge level of relevant personnel can be improved through courses, training, or practical projects, thus strengthening the foundation of management and action. It is necessary to master... The knowledge includes.

---The school's organizational structure, management processes, and decision-making mechanisms;

---Basic concepts, policy requirements, and campus application pathways for sustainable development, such as green campuses and carbon neutrality;

---Basic knowledge in fields such as energy, water resources, construction, transportation, and environment, especially the parts related to campus operations;

---Management system elements, such as goal setting, performance evaluation, data collection, and information reporting;

---Relevant national laws, regulations, policies, and industry standards, as well as the basic operation of commonly used tools and information systems.

7.2.3 Experience Personnel with practical experience in sustainable development are of significant value to the operation of higher education campus management systems, especially in project management. It plays a key role in implementation, problem-solving, and continuous improvement. Experience can also be shared through internal organization and inter-school exchanges. Broadcasting helps overcome implementation obstacles caused by a lack of experience and enhances collective learning and innovation capabilities. Priority will be given to recruiting or training personnel with the following experience to participate in related work.

---Having participated in projects such as campus green renovation, energy conservation and emission reduction, environmental education, green procurement, and carbon emission accounting;

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8.1 Process Control To ensure consistency and coordination of the sustainable development management system across all levels and departments, the management organization needs to establish clear... A management framework and communication mechanism are established to identify and resolve potential conflicts or inconsistencies, and to make necessary adjustments based on the communication outcomes. All departments reached a consensus, thereby ensuring effective communication and collaboration among them within the campus. This ensures that objectives are effectively achieved and strategies are successfully implemented. The consistency between objectives, phased tasks, and implementation plans should be ensured, and a closed-loop linkage between objectives and actions should be formed through performance indicators and evaluation mechanisms. Furthermore, it is necessary to emphasize the consistency of campus construction throughout its entire lifecycle, including planning,...