Does your university have a carbon reduction target covering Scope 1 & 2 emissions by at least 2050?

Bahria University has developed a policy regarding Health, Safety and Environment Policy in 2021 which is given at Annex ‘A’. The policy is to set the target for carbon reduction.

Annex 'A'

Bahrai University Health, Safety and Environment Policy

BAHRIA UNIVERSITY

Discovering Knowledge

Health, Safety and Environment Policy

2021

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ENVIRONMENT PROTECTION

6.1 **Importance.** Environment plays an important role in healthy living and the existence of human life. Earth is a home for different living species. We all are dependent on the environment for food, air, water, and other needs. Therefore, every individual needs to save and protect our environment. This chapter aims to formulate and implement policies that improve the environment at various Bahria University Campuses/ CUs. An attempt has been made to raise the level of understanding about the environment putting in place a framework where everyone joins hands to produce a healthy environment not only at BU but in various other places.

6.2 **Bahria University Environment Policy.** The Environment Policy sets the high-level objectives for the Environmental Management Plan which include:

a. Minimizing the carbon/ environmental foot-prints via conservation of natural resources for future generations through improvements in energy efficiency.

b. Developing effective material management (from raw to waste).

c. Increasing awareness of environmental responsibility among staff, students and visitors to the University.

d. Having an environmental management system that ensures the University complies with national environmental standards.

e. Taking into account environmentally sustainable initiatives in new construction projects and renovations.

f. Maintaining the University premises in an environmentally sensitive way, having regard to the protection of natural habitats and local wildlife.

g. Promoting and encouraging sustainable forms of mass travel and transport by staff and students to reduce carbon emission.

h. Striving to continually to improve the University's environmental performance.

j. Ensure provision of clean and safe potable water at the university.

area. Indoor/outdoor plantation be encouraged to achieve better noise levels. Plant Factors that affect sound absorption:

(1) Number of plants (the more the better)

(2) Size of the plant(s)

(3) Surface area of the leaves and of the plants themselves.

d. **Pollution Control Technology Management.** An aspect that should cover the areas like construction sites and experimentation laboratories using noxious chemicals, dust and biological agents. For this, exhaust hoods, local exhaust ventilation system, scrubbers and other engineering controls may be employed.

e. **Development of Parametric Periodic Monitoring**. An annual or biannual monitoring of air parameters (PM, gases) may be conducted to evaluate compliance with standard/ chosen level of environmental quality.

6.18 **Reducing Environmental Foot – Prints.** This significantly important aspect needs to covered by means of the following pragmatic options,

a. **Mass Transit.** All campuses/CUs are to provide means of mass transit and discouraging use of private vehicles.

b. **Renewable Energy.** All campuses are to work out the option of utilising solar energy not only to cut the cost but to minimize carbon emissions. The campuses be gradually shifted to the solar energy.

c. **Annual Environmental Audits.** Calculation of environmental foot prints, cost benefit analysis be conducted by E&ES department and EMP be revised accordingly. Annual environmental audits for and of BU units be conducted annually.

6.19 **Roles and Responsibilities.** Each campus/ CUs shall be responsible to formulate and implement their EMP. Help from E&ES department may be sought as and when required. Department of Earth and Environment Sciences (E&ES) shall be responsible to monitor the implementation. Besides, E&ES department at Islamabad campus shall be the sponsoring directorate for keeping the instructions contained in this chapter up to date.

6.20 **Director Quality Assurance.** All campuses are to forward environment data to BUHO as and when required. Director Quality Assurance at BUHO shall be responsible for obtaining Green Matrix certification from Environment Protection Agency (EPA) for all campuses.

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