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To: **Section Officer (Admin-I)**  
Ministry of Housing & Works  
B-Block Pakistan Secretariat, Red Zone,  
ISLAMABAD


Subject: **Research Findings**

1. National University of Modern Languages (NUML) is a premier University in conducting high quality teaching and research activities. We are currently working on various research projects which can improve public functioning/administration or in devising policies for the public interest in various domains. In this regard our MPhil Scholar Mr. Nasir has carried out a research study titled '**Analysis of Environmental Strategic Planning in The Public Sector of Pakistan**'. The outcomes of the study are enclosed herewith for ready reference/perusal, please.
2. Forwarded for information, please.

  
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CC:

ORIC NUML

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## **Analysis of Environmental Strategic Planning In The Public Sector of Pakistan**

### **Outcomes/findings of the Study:**

The purpose of conducting this research was to analyze environmental strategic planning in the public sector of Pakistan. The study proposed few suggestions for housing ministry at federal level. These findings may help the stakeholders to improve environment by reducing hazardous practices at federal level. Following are some of the recommendations that should be followed by the Housing Ministry of Pakistan in order to generate better results:

1. Housing Ministry should follow SOP regarding pollution and air, water and land quality in different projects.
2. Housing Ministry should follow SOP regarding land take and terrestrial biodiversity (e.g., land take, land use change, and risks for protected areas and endangered species)
3. Housing Ministry should follow SOP regarding rivers and aquatic biodiversity (e.g., degree of regulation of rivers, ecosystem connectivity, and fish species diversity)
4. Housing Ministry must encourage low-pollution projects and adopt policies that promote environmental conservation, technical advancement, resource productivity increase in industrial development, and pollution mitigation.
5. Housing Ministry must follow SOP regarding greenhouse gas emissions
6. Housing Ministry should follow SOP regarding climate change risks in different projects.
7. Housing Ministry should consider resettlement of directly affected populations in different projects.
8. Housing Ministry should check numbers of people at risk in the zones of influence in different projects.
9. Housing Ministry should follow SOP regarding energy consumption in different projects.
10. Housing Ministry should adopted a precautionary approach to environmental challenges.
11. Project's waste should be used to generate electricity in place of oil and gas. Thus, consumption would benefit both industry and the world as a whole.
12. Housing Ministry should considers potential environmental implications in new projects and service development (e.g. assessing energy usage, Recyclables or pollution generation).
13. In Pakistan, industrial pollutants such as charcoal briquettes, biogas, biodiesel, and acetone, butanol, and ethanol may be used as renewable energy sources.
14. Environmental activities implemented by Housing Ministry are aligned with national and/or international standards and policies
15. Housing Ministry of Pakistan should follow SOP's regarding land use, waterways and marine habitats.

16. Housing Ministry of Pakistan should participate in activities which aim to protect and improve the quality of natural environment
17. Housing Ministry should also take care of the guidelines regarding climate change threats in multiple programs as well as emission of greenhouse gases.
18. Housing Ministry should undertake initiatives to promote greater environmental responsibility and conservation
19. Housing Ministry should keep track of the amount of citizens at risk in various projects' zones of impact. To save electricity, modern equipment's should be used.
20. Housing Ministry should often conduct assessments of the health and safety effects of our projects and services on the wellbeing of customers
21. The Housing Ministry should make an effort to minimize the environmental effects by recycling and waste control measures.
22. The Housing Ministry should take into account future environmental impacts when developing innovative programs and services.
23. The Housing Ministry should start unique programs as well as initiatives that help in mitigating the depletion of energy resources.
24. The Housing Ministry should conduct different surveys regarding innovation & Modernization.
25. The Housing Ministry should demand weekly or annual assessments on the climate for the support of stakeholders from every firm that comes under it.
26. The Housing Ministry is to modernize the traditional practices by conducting more and more researches, by mapping the changes and strategies of developed countries and by allowing the transformational leadership to overtake the conventional style.
27. In order to boost efficiency and to normalize all the environmental planning process, the Housing Ministry of Pakistan should focus on new and up to date technology.