

Plan for Compilation of Policy Documents at Pakistan Academy of Sciences

The Pakistan Academy of Sciences (**PAS**) has chalked out a comprehensive Program/Plan for compilation of impartial policy documents (reviews/ recommendations/ upgrades) as following:

- (i) Compilations as Upgrades of existing policy documents of Government of Pakistan (**GoP**)
- (ii) Compilation of fresh policy documents for the GoP
- (iii) Compilation of policy Documents on issues and plans referred to the PAS by the GoP from time to time.

The proposed task will be accomplished through the **Scientific Advice Unit** located at **PAS** and in collaboration with active **PAS Fellows (Natural and Social Sciences)**, and **Faculty Members/Experts from HEC recognized Universities** employing Fresh Postgraduate Research Students under supervision of university faculty. The **PAS may hire active/fresh university postgraduate research students as internees for a duration of 4-6 months tentatively**, in collaboration with concerned faculty member at the HEC recognized university to facilitate in provision of baseline information/data and compilation of Policy Document for PAS in collaboration with staff at Scientific Advice Unit of PAS as well use the partial findings for compilation of their own thesis for the relevant degree. In this endeavor, the PAS envisages the following proposed plan/time line for the intended policy documents:

Relevant Ministry and Policy Title	Needful w.r.t. National SDGs & Vision 2025	Tentative Timeline
Ministry of Science and Technology 1. National Science, Technology and Innovation Policy 2012-2013	Policy Review/ Recommend for Upgradation	6 months - 1 year
Ministry of Climate Change 2. Framework for Implementation of Climate Change Policy 2014	Policy Review/ Recommend for Upgradation	6 months- 1 Year
Ministry of Federal Education and Professional Training 3. National Education Policy Framework 2018 4. National Curriculum Framework Pakistan 2017	Policy Review/ Recommend for Upgradation	6-9 Months each

5. Minimum Standards for Quality Education in Pakistan 2017		
Ministry of Water Resources 6. National Environmental Policy 2005 7. National Drinking Water Policy 2009 8. National Water Security Policy	Policy Review/ Recommendations for Upgradation	6-9 months 6-9 months 1.5 Year
Ministry of Foreign Affairs 9. Science Diplomacy Policy	Policy Review /upgradation	6 months
Ministry of National Food Security and Research 10. National Food Security Policy-29 May 2018	Policy Review & Recommendations	6 months
Miscellaneous Policies		
11. Social Media Policy	Policy Review /upgradation	6 months - 1 year
12. Poverty alleviation	Review/Recommendati ons and Policy Upgradation	6 months - 1 year
13. National Energy Policy (Conventional and Renewable energy policy)	Review/Recommendati ons and Policy Upgradation	10 months- 1.5 year
14. General Agriculture Policy Document (Proposer: Prof. Dr. Iqrar Ahmad Khan, PAS Fellow) (Please refer to Note-1 for briefs)	Policy Review/upgradation	1.5 to 2 years
15. Policy on Strengthening of National and International Collaboration at Multi-Disciplinary Level for Socioeconomic Development and Science Diplomacy (Proposer: Prof. Dr. Zabta Khan Shinwari, PAS Fellow) (Please refer to Note-2 for briefs)	Policy Review/upgradation	1 year

Note-1:

General Agriculture Policy Document (Proposer: Prof. Dr. Iqrar Ahmad Khan, PAS Fellow)

There has not been any persistent agricultural policy document of any political government. Most of the time there are fire-fighting guidelines. The political governments have compulsions for taking short term measures to appease the

public and to improve general outlook. Whereas, our commitment to SDGs demands a long term and holistic approach. The policy proposals intended are not necessarily aimed at immediate action(s). Instead we would like to provide evidence based policy outline which should go beyond the life of a political government. Acceptance of PAS policy proposals could not be ascertained. Yet, we have sufficient food for thought to offer. At present, there are range of issues in agriculture plus emerging and current challenges in agriculture. For example, land and water, agriculture marketing, climate smart agriculture, urbanization and food security/5 million houses, Migration and agriculture, Human nutrition, safe food and organic agriculture, food industry, regional trade in food and agriculture, corporate agriculture, agricultural strategies and policy, review of agricultural budgets, investment in agriculture etc. Above in view, the General Agricultural Policy may encapsulate the following plan of activities:

- (a) Land use
- (c) Technology and Input
- (d) Climate Smart agriculture
- (e) Agriculture/Livestock Marketing and regional trade
- (f) Migration, social justice and nutrition
- (g) Budgets and investment in agriculture

The outcome of the proposed policy depends on its implementation. We can certainly model some of the expectations at best. There are examples in the history that ordinary proposals yielded results when implemented and very outstanding ideas failed because of poor implementation.

Note-2:

Policy on Strengthening of National and International Collaboration at Multi-Disciplinary Level for Socioeconomic Development and Science Diplomacy (Proposer: Prof. Dr. Zabta Khan Shinwari, PAS Fellow)

It is proposed to address reforms in the following sectors to strengthen the national collaboration:

- a) Restructuring of Governance at Ministerial Level
 - b) Capacity Building of Higher Education Institutions
 - c) Science with and for the Society
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