

**National Plastic Industry Development Policy 2020 এর উপর  
মতামত প্রেরণ করুন নিম্নের ঠিকানায়:**

মোঃ সলিম উল্লাহ

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**চলমান---**

# National Plastic Industry Development Policy 2020 (7<sup>th</sup> Draft)

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Ministry of Industries

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## **List of Acronyms & Abbreviation**

|        |  |
|--------|--|
| TNA    | Training Needs Assessment                                      |
| RMG    | Ready-Made Garments  |
| BPGMEA | Bangladesh Plastic Goods Manufacturers & Exporters Association |
| BIPET  | Bangladesh Institute of Plastic Engineering and Technology     |
| RSL    | Restricted Substance List                                      |
| MSDS   | Materials Safety Data Sheet                                    |
| GMP    | Good Manufacturing Practice                                    |
| EPR    | Extended producer responsibility                               |
| Sedex  | Supplier Ethical Data Exchange                                 |
| BSI    | British Standards Institution                                  |
| WRAP   | Worldwide Responsible Accredited Production Code of Conduct    |
| BSCI   | Business Social Compliance Initiative Code of Conduct          |
| PC     | Participation Committee  |
| EMS    | Environmental Management System                                |
| PPE    | Personal Protective Equipment                                  |
| SOP    | Standard Operating Procedures                                  |
| TPM    | Total Productive Maintenance                                   |

# Plastic Industry Development Policy 2020 (7<sup>th</sup> Draft)

## Chapter 1

### 1.0 Introduction

1.1 The plastic sector is a major segment of great potential for Bangladesh for making significant contribution in terms of both domestic market-oriented as well as an emerging export-oriented expanding domestic manufacturing base, generating industrial employment, accelerating private investment and inflow of more foreign exchanges as well as growing expansion of markets of diversified products at home and abroad. It has a significant contribution to infrastructure development programmes, construction, general engineering, agro-food processing, automotive, packaging etc. The industry is also expressive of increasingly innovative connections with the green economy.

1.2 Plastic products, because of low production costs and energy-efficient production processes are widely used in almost every facet of modern life for their versatility, durability, lightness and excellent insulating properties. Plastics are now an inevitable part of our lives. Ranging between kitchenware and medical supplies, construction materials and automotive supplies, safety and security devices and packaging materials and, finally, home decorations – plastic products are widely used in almost every facet of modern life. Globally there is a shift in manufacturing from the conventional material-based products to plastic based product due to conservation of natural resources, energy efficiency, innovative design and other cost saving measures.

1.3 The global demand of plastic products is also growing steadily at more than 20 % year (since 2007). In the past 50 years, the global use of plastics has grown 20-fold, and it has been estimated to be at least double in the next 20 years. Current per capita consumption of plastics in the U.S. is at 109 kg and in China at 38 kg, India at 11 kg and 5-7 kg in Bangladesh compared to the global average consumption of 50 kg per capita per annum and the developed country consumption of 80.0 kg per capita per annum.

1.4 The plastic industry in Bangladesh has a potential to become a large global player in plastic products. Bangladesh comprises only 0.6% share of the US\$ 570 billion global plastic market. According to a new study by Grand View Research, the global plastic market is expected to reach to USD 721.14 billion by 2025. The total market for our plastic products both at home and abroad is about US\$2.99 billion – of which 83.4 per cent of these is linked with local market while the rest 16.6 per cent is to be linked with the global market. The average consumption of plastic is about 5-7 kg per person in Bangladesh whereas the global average consumption is around 50 kg per person (Source BPGMEA). Despite having a huge potentiality, Bangladesh is

far behind to attain full advantage of preferential market access in the exports of plastics products mainly due to lack of proper policy support and enabling business.

1.5 Although the plastics industry in Bangladesh has tremendous potential for progress, it still lacks a well-designed approach and a strategic direction to overcome the challenges faced by the sector. Major constraints are lack of testing facilities for quality control, innovative technology, mold designs and mold making facilities, proper management of plastics wastes, business friendly tax and tariff measures etc which have to be resolved for ensuring sustainable growth of the sector. Without having such strategic approach and distinctive competitive strengths, Bangladeshi plastic products find it difficult to compete in the global market.

1.6 Keeping these in mind, Government of Bangladesh has decided to prepare and publish Plastic Industry Development Policy 2020 to ensure steady target oriented growth of this sector. The policy will provide guidelines to improve production technology and product quality, develop new products, and promote international cooperation and technological exchanges to achieve better dynamism in this sector. At the same time, this policy also vows to take action to steer the use of plastics towards a sustainable circular economy.

1.7 The Plastic Industry Development Policy identifies measures to reduce the harm caused by plastic waste and litter, help consumers take plastics to waste management, improve the efficiency of plastics recovery, recycling and product design, create conditions for investments and innovations in the circular economy, and make us less dependent on fossil raw materials by increasing bio-based and biodegradable solutions and make the industry ready for embracing Industry 4.0 technologies. This Policy also has a set of time bound action matrix to achieve those broad development goals. At the same time, when there is a conflict between the provisions of this policy and the issues of other related policy of the country, the directives of this policy will prevail; the norms of other policy in contrast to this policy will be set aside.

## **Chapter 2**

### **2.0 POLICY STATEMENT**

2.1 The Plastic Industry Development Policy is a holistic framework that covers the comprehensive revitalization and development of the Plastics industry in an environment-friendly way adopting industry 4.0 technology in Bangladesh.

#### **2.2 Vision:**

**Ensure sustainable development of Plastic Industry in Bangladesh to secure its position in global and regional value chain.**

## 2.3 Mission:

2.3.1 Create enabling business environment for sustainable growth of plastic manufacturing industry through high value addition; human resource & skills development; attracting domestic and Foreign Direct Investment; enhancing Market Access; promoting innovation, Industrial Research and Development and supporting SMEs and Graduation for Industrial Expansion through the introduction of Industry 4.0 latest digital technology tools.

## 2.4. This policy Aims:-

- (a) To ensure continuous 15% growth of this sector each and every year
- (b) To annihilate difficulties and constraints faced by industry start-ups before 2022
- (c) To ensure 10 billion USD market for plastics and packaging industries by 2026 and 20 billion USD by 2030
- (d) To provide 10000 demand driven trainings to create skilled manpower in this sector by 2026
- (e) to create new 500000 employment opportunities in this sector by 2026
- (f) To raise the plastics sector's contribution in total GDP at least 2% by 2026
- (g) To reach at zero waste nation for plastic and packaging consumption by 2030

## 2.5 Policy Objectives

2.5.1 The following policy objectives in conformity with above mentioned vision and mission are expected to attain by actualization of this policy–

### i. **Enhance value addition**

To promote production capacity of value-added export goods and import substitutes for obtaining market share for local products within whole country.

### ii. **Create internationally accepted domestic brand**

To meet the international standards and specifications local industries will be supported to provide opportunities for Joint ventures with global value chain players to produce affordable brands and models in Bangladesh.

### III. **Enhanced market access**

To ensure scaling-up of local production for import substitution and increase exports of plastics products to EU, Middle East, North America and Asia under Preferential Trade facility.

### IV. **Skills development and job creation**

To create a dynamic skilled workmanship eco-system and establish Bangladesh as a manufacturing skills centre of excellence to ensure

competitiveness and to build a solid foundation for direct and indirect job creation in the plastics sector, over the next decade.

**V. Enhance Innovation, Research and Development**

To provide supportive environment for innovation, R&D in the plastics sector to enhance local design and engineering capability, developing and acquisition of disruptive technologies.

**Vi. Industry 4.0**

To introduce **Industry 4.0** technologies in the plastics sector to be adoptive to the latest digital technology tools.

**Vii. Network Expansion**

To enhance knowledge sharing and business networks among local plastic industries, between local tycoons with small manufacturers and between local entrepreneurs and foreign investors.

**VIII. Sustainable Development**

To expedite predictable and sustainable growth of plastic sector in order to translate Bangladesh Vision 2041, UN Environment Programme relating to Plastic Economy Global Commitment 1918-2025 goals, and Sustainable Development Goals 2030 and map the actions to be taken to achieve those broad development goals under a common UN vision of a circular economy.

## **Chapter 3**

### **POLICY MEASURES**

This policy advocates widening of domestic manufacturing base of plastics industry by generating industrial employment, accelerating private investment and inflowing more foreign exchanges in the central reserve. The following policy measures will be taken to address the challenges facing the sector, and to develop the Plastics industry in Bangladesh.

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#### **3.1 Strategy: Promoting Domestic Industries**

##### **3.1.1. Priority of the Local Industries**

The following domestic plastic industries will be given priority under this policy with short and long-term actions to successfully achieve the objectives of national development plan:

- a) Value-added Product Manufacturing industries;
- b) Industries which promote job creation;
- c) Industries make sure Greater Business Support,
- d) Industries which promote Innovation, Research and Development and



- e) Import Substitutes and Export Promotion Industries
- (2) In order to promote domestic plastics a industries and to ensure steady development of this sector, government will carry out the following actions –
- (a) Encourage setting up more support industries that can create linkage to the domestic and foreign markets;
  - (b) Carry out of technology and knowledge the transfer and investment promotion activities in cooperation with local and international organizations;
  - C) Undertake development of entrepreneurial and businesses promotional services;
  - (d) Enable cost-effective industrial development pattern that creates sustainability and enhance capacity of Plastic industries;
  - (e) Shifting focus from import substitution to export oriented system in over all plastic industries

**(3) Industrial Estate/ Economic zones:**

Government will establish dedicated industrial parks in BSCIC Estates or in Special Economic Zones for the plastics industry in order to ensure proper infrastructure, nurture SME producers, provide special uninterrupted utility services, avoid environmental hazards and ensure compliance.

**(4) Mold & Design**

Government will encourage to set up mold making facilities to cater to the mid- and high-end market (Explore PPP and or FDI joint venture options for establishment of central mold making facility).

**3.2 Strategy: Promoting the Reputation of Plastics Industry**

Plastics industry in Bangladesh generally suffers from its poor image from the perspective of the manufacturers and the consumers as well. The following actions will be taken to retain its image as a welfare industry of the society:

- (1). An image survey will be conducted to evaluate the extent of the problem and to recommend ‘best practice’ for dealing with this issue.
  - (a) A Central Committee for sustainability will be formed under BIPET to act as a central authoritative voice and to promote positive messages about plastics and its role in sustainability;
  - (b) The BIPET Committee will create a series of info graphics and presentations (promoting positive messages about plastics and the plastics industry) for use by the industry and to be shared on social media and make greater use of third parties (brand owners, retailers etc.) to endorse the use of plastics materials and products;
  - (c) Increase awareness in the community about the opportunities for the plastics industry arising from new paradigm shift of Trade and potentialities of increasing export basket through plastics export.

- (d) The Circular Economy Platform will be set up to identify the main challenges and obstacles for circular economy initiatives.

### **3.3 Strategy: Developing the Value Chain of Plastics Industry**

Creating effective value chain for plastics industry is the prime intention of this policy. In order to ensure active participation in the global value chain of the domestic plastic industries, the following initiatives will be taken:

- a. A mapping up project will be undertaken to collect necessary data and analyse the status of the industry for benchmarking future development.
- b. A priority based technical assistance program will be taken on to improve design facility of this industry to smooth production of export oriented local plastic products in terms of quality, attractiveness, cost and other parameters.
- c. Branding assistance will be given along its all value chain of packaging, production and marketing.

### **3.4 Strategy: Focus on Enhanced Access to Global Market**

1. A State of the Art Plastics Industry Development Centre will be established to provide information, training, technology transfer, laboratory testing and technical support to increase competitive strength of this sector.

2. The following support programmes will be undertaken to make the plastics industries competitive in the global market –

- (a) Undertake program to enhance competitiveness in the market to encourage export-oriented businesses;
- (b) Special initiatives to educating plastics industry owners to understand the international practices and procedures and knowledge on market penetration and obtaining market share;
- (c) Awareness building program will be undertaken regarding updated innovative technology that will promote the capacity of product quality and services;
- (d) Focus on overseas market development and encouragement of restoring will be undertaken through lobbying government to examine the incentivisation of restoring via tax breaks or other incentives;
- (e) Each year A ‘Meet the Buyer’ event will be arrange in order to connect Bangladesh-based plastics firms with the local & foreign design community as well as to provide a platform for discussing new projects and sourcing technical advice to ensure the design is ‘fit for manufacture and use’.
- (f) The High Commissions or Embassies of Bangladesh will be used to promote industry opportunities in specific growth markets such as EU, North and South America, Middle East, Africa and Asian countries.
- (g) an effective liaison platform with Association and Government entities will be created to ensure smooth and hassle-free attendance of industries in the prospective international fairs

(h) Institutional arrangements for foreign markets compliance and requirements will be provided to make local manufacturers aware of the global market mandates and multilateral trade systems.

(i) Counselling program to the industry owners will be provided in the area of compliance issues; certification requirements; global business practices and global registration of IPR.

j) The government will take measures for the availability of market information technology and investment through network system and providing awareness to facts and figures related to international market information, local and foreign transport information and product standardization, international financial situation at the information centres, Plastic industries agency and its branch offices.

k) The plastic industries will be incentivize to be compatible with Nano Technology, Bio-technology, Robotics, Artificial Intelligence, Material Science, Internet of Things, Quantum Computing, Block Chain Technology and other similar technologies to maximize production capabilities to be competitive in the global value chain.

### **3.5 Strategy: Enhance Skill Development and Training**

(1) Skill development activities will be targeted to prop up three sectors, namely the plastics converters, the manufactures and the supporting industries.

The following activities will be carried out to improve the capacity of industries:

(a) TVET organizations will be encouraged to provide demand driven skilled training in the field of modern production system, updated plastic technology and technology on quality control;

(b) Technical institutes and universities will get priority to provide specialize training on plastics industry machines operation and maintenance; plastics engineering; heat treatment; quality control; mould design and making; product design; work safety issues; recycling of waste and its management; and standardization and quality control;

(c) Effective collaboration among universities, research institutes and Plastic industries in the area of research and technology for the improvement of product quality and utilization of new technology will be rewarded regularly;

(d) Training on Productivity enhancement tools like finance, management, marketing, product development, quality enhancement, and workforce education and training will be encouraged and would be subject to government's highest priority;

(e) Training on entrepreneurship development and modern technology with the support of the government or local or international non-government organizations will be organized on a regular basis;

(h) The following actions will be taken to promote human resources and innovation for the development of plastic industries –

- i) The BIPET will create an online hub for information on the currently available short courses and graduate/post graduate courses on necessary technical skills of plastics industry to meet the current labour skills gap
- ii) A research and development funds will be created with the assistance of public and private initiative to the university, college, training centres and research departments to carry out research and innovation in design and processes relating to improvement of plastic industries;
- ii) Industries will be incentivized to participate actively in the development of skilled manpower making activities.
- iii) ISC's will be engaged to drafting training curriculum by industries to make it sector-specific, industry responsive and market driven.
- iv) Institutional arrangements for setting up Industry-Academia forum will be encouraged.
- v) Government will create enabling environment to open domestic or international private technical schools, technological institutes and online training providing entities.
- vi) private sector will be encouraged to set up training institutes in plastic engineering and technology;
- vii) provisions will be kept to introduce system for students who graduate from these institutions will be eligible to study at the university level in order to guarantee availability of skilled workers required by Plastic industries;
- viii) Establishment of vocational training schools for the human resource development, standardization and trade will be encouraged and be subject to recipient of government grants;
- ix) Emphasis will also be laid on making high end manpower pool. BITAC will provide necessary support to formulate suitable course curricula in consultations and partnership with user industries,
- x) Industrial Training Institutes will be encouraged to expand network and synergistically cooperate amongst themselves.
- xi) Government institutions as well as private organizations will Arrange workshops, seminars, management and production related trainings, vocational trainings and technical trainings with the support of local and international organizations;

## **(2) Setting Up Centres of Excellence in Plastics Technology**

1. ICT-based human resource will be the driving force in attaining higher production growth in this sector.

2. Centres of Excellence will be set up in existing educational and research institutions working in the field of plastics materials. The focus area of Centre of Excellence includes.

- a. Updating plastics uses, extending the cycle for existing products through modification
- b. Innovative product technology and product design changes.

- c. Improvements in the production process to make it more efficient recycling process technology, innovative collection, segregation, cleaning and development of recycled products
- d. Development of bio-plastics and bio-degradable plastic product developments using engineering polymers/compounds

### **3.6 Strategy: Access to Finance and Tax Incentives**

The availability of financial resources is a critical component of being competitive, as a capital intensive industry. The government will

- Provide low-cost loans (cost of fund+3%) to Plastic SMEs duly authenticated by the respective association/designated support agency.
- Expedite access to inclusive financial services by establishment financial Services points throughout the furthest corners of the country for expediting inclusive growth of industry, trade and overall economy of Bangladesh under SDG 2030 benchmark indicator 8.10.1.
- Allow accelerated depreciation, renewable energy loan programs or concessional loans to ESQ compliance plastic manufacturing industries.

2. The other financial requirements like encourage incorporating business enterprise into venture capital and awareness training program to the industry managers for access to finance and issue to deal with the financial management and evaluation and information about the use of loan correctly will also be arranged.

3. Financial assistance like microfinance, credit guarantee scheme, hire-purchase, two-step loan, trade credit and foreign direct investment will also be encouraged to ensure rapid growth of this sector.

3. Bangladesh Bank will issue necessary circulars to assist and supporting the banks and money lender enterprises to provide capital investment to the bonfire entrepreneurs;

4. Standard and Quality (SQ) Compliance will be a necessary requirement to enjoy government facilities. The following industrial enterprises will get priority to avail government incentives and funding who

- (a) attain compliances relating to environmental, social and quality (ESQ) standard for sustainable global market access.
- (b) adopt Quality Standards of Bangladeshi plastics goods and packaging products set in line with respective international standards.

5. To be eligible to receive special incentives from the government, the producers will be obligated to limit their waste pile by doing the following:

- a. Must planned and/or limiting waste pile dumped by industries and/or caused by their activities; and/or
  - b. Producing products that is easily degradable through natural process and producing as little waste as possible.
2. (ii) Producers must recycle waste by doing the following:
- a. Planning a program to recycle waste dumped from industries and/or caused by their activities;
  - b. Using degradable raw materials; and/or

c. Recollecting waste from products or packaging to be recycled.

**(4) Appropriate Budget and Taxation Procedures**

(d) The government will introduce consistent, coherent and pro-business tax regime and introduce simplified taxation procedures for the industries as well as provide trainings on taxation procedures and dissemination of information of the officials and employee engaged in plastic industries.

(e) Tax relief and exemption will be targeted towards the development of Plastic industries and increasing their competitiveness –

(a) tax relief will be awarded to the industries that produce new product, produce new product through research, produce finished product with by-products and wastes; produce new product by modifying the factor for the effective and efficient use of energy and water;

(b) Tax exemption will be provided for a certain period for setting up Plastic industries in the least economically developed areas;

(c) Tax relief and exemption will be granted to small and cottage plastics industries

**(5) Incentives**

Enterprises registered with the Tax-VAT authorities will be provided with the following incentives:

(a) Income Tax Holiday (ITH) first 5 years in the Plastics Parks or Disadvantaged Area or least economically developed area

(b) After the lapse of ITH, 10% of normal tax on net income from the 6<sup>th</sup> year with 5% annual increment of IT until it reaches the normal rate.

(c) Duty exemption on imported capital equipment, spare parts and accessories / Tax- and duty-free importation of capital equipment, spares parts and accessories (TAX-VAT-registered enterprises)

(d) Exemption on wharf age dues (fees for loading, unloading, or storage of goods at the wharf), export tax, duty, impost and fees

(e) Tax credits on raw materials and supplies

(f) Additional deduction for necessary and major infrastructure works

(g) Lower VAT rating on local purchases of goods and services, including land based telecommunications, power, utilities.

(h) Privilege to operate a Bonded Manufacturing warehouse

### **3.7 Strategy: Institutional Framework for Business Development Services**

1. Registration and other related requirements and processes for institute a plastic manufacturing enterprise will be simplified and will be under One Stop Service Centre.

2. Plastics industries documentation process will be brought under one umbrella in order to reduce the cost of doing business.

(3) Government OSSC will facilitate to provide to the bonafide manufacturer registration certificate, trade license, BSTI certificates, registration of trademark and design and patent, VAT registration, fire license, boiler license, environmental clearance certificate, etc and other required certificates in the shortest possible time as determined by the government;

### **3.8 Strategy: Practice of Environmental Management System**

(a) Environmental Management System (EMS) will be introduced in all plastics industries as a strategy and process to identify and manage the environmental impact of the production facility.

(b) Energy use and greenhouse gas emission measures will be evaluated by the factories in a regular basis in order monitor the progress of implementing the energy efficiency programme in the production area.

(c) Efficiency of Water use policy must be abided by the industry owner to be eligible to receive government's incentive packages.

(d) biannually tracking report of quantity of wastewater generated from industrial and/or domestic operations, certificate of regular (biannual basis) operation of wastewater treatment plant will be the mandatory parameters to get government recognized award.

(e) Government in collaboration with Associations will run hazardous chemicals management programs at manufacturing facilities and support entrepreneurs to follow ISO 14001, Business Social Compliance Initiative Code of Conduct – BSCI, Worldwide Responsible Accredited Production Code of Conduct– WRAP, Sedex Members Ethical Trade Audit SMETA, Guidelines for Good Manufacturing Practice for plastic materials and articles intended for food contact applications, Plastics Europe, EuPC and Cefic-FCA, 2011.

### **3.9 Strategy: Promoting Technology Development and Innovative Production**

(1) The following activities will be carried out for the development of technology and innovation in creating better brand in the Plastics and Packaging industries –

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(a) Developing and transferring appropriate technology required for import substitute and export oriented Plastic industries will be encouraged and subject to highest concern of the government and private entities;

(b) Providing technical advice related to production and training to use modern machines and equipment will be eased and readily available for the concerned officials and technical personnel;

(c) Enhancing the collaboration with Plastic industries in order to have the availability of services related to quality and standard by Plastic industries and to have the production capacity by using new technology in line with market demand;

## **(2)Scheme**

A new scheme of Plastic Research and Development Fund (PROF) will be created to cater the need to run projects of R&D, incubation centres, intellectual property certification centres to facilitate increased cooperation between the industry and academia, waste management, recycling and development of biopolymers and biodegradable polymers will be formulated. (e) The project will

(i) Undertake technology exchange and cooperation between public and private organizations;

(ii) Promote human resource development and innovation by giving awards;

(iii) Facilitate supports to **innovative modern updated** technology and finance to produce value-added products

iv) Enhancing the development of the production capacity of **plastic** sector **in less advanced area**;

## **(3) Specific Programs**

1. A Technical Committees under BSTI will be formed to develop standards for plastics, plastic products and biodegradable plastic bags.

2.A project will be undertaken

a. to develop a more sustainable, efficient, competitive, less fossil fuel dependent, interconnected plastic value chain,

b. to address the design of products with biodegradable and compostable plastics

c. to grab the full advantage of the Circular Economy Policy of Ministry of Environment.

3. Projects will be launched to strengthen cooperation between operators and the sorting and processing competence in companies and research institutes required for well-functioning of plastic recycling industry.

4.BCSIR will conduct research on automation process based aseptic filling, high pressure processing, large cavitation's moulding, blow filling, nitrogen dosing, active bases, deeper grips and ergonomic branded shapes etc. production techniques in order to integrate gradually to improve efficiencies and increase effectiveness of plastic sector.



## Chapter 4

### Implementation, Monitoring and Evaluation of the Policy

#### 4.1 Time frame for implementation

The Plastics Industries Development Policy 2020 will be implemented over a period of 5-year, beginning from the date of its approval. As with policy, it will be forceful and be revised from time to time, taking into account new needs and developments, based on findings of impact evaluation and monitoring activities.

#### 4.2 Institutional arrangements

1. A National Council on Plastics Industries Development will be created for the purpose of overseeing implementation at the national level as well as follow-up and monitoring.
2. The National Council on Plastics Industries Development will be established under the Minister, Ministry of Industries and it will consist of members representing the following:

|    |  |               |
|----|--|---------------|
| 1  | Minister, Ministry of Industries                     | Chairman      |
| 2  | State Minister, Ministry of Industries               | Vice Chairman |
| 3  | Secretary, Ministry of Industries                    | Member        |
| 4  | Secretary, Ministry of Commerce                      | Member        |
| 5  | Secretary, Ministry of Foreign Affairs               | Member        |
| 6  | Secretary, Finance Division                          | Member        |
| 7  | Secretary, Power Division                            | Member        |
| 8  | Chairman, National Board of Revenue                  | Member        |
| 9  | Secretary, Technical and Madrasah Education Division | Member        |
| 10 | Secretary, Ministry of Science and Technology        | Member        |

|           |   |                     |
|-----------|---|---------------------|
| 11        | Secretary, Ministry of Environment, Forest and Climate Change                                 |                     |
| 12        | Chairman, Tariff Commission   | Member              |
| 13        | Director General , Bangladesh Standards and Testing Institutes                                | Member              |
| 14        | Registrar, Department of Patent, Design and Trade Marks                                       | Member              |
| 15        | Chairman, Dept of Chemical Engineering<br>Bangladesh University of Engineering and Technology | Member              |
| 16        | Chairman, Dept of Chemical Dhaka University   | Member              |
| 17        | Director, Bangladesh Council of Scientific and Industrial Research (BCSIR) Bangladesh         | Member              |
| <b>18</b> | Director General Department of Environment  | Member              |
| 19        | President, Bangladesh Federation of Chambers of Commerce and Industries Bangladesh            | Member              |
| 20        | President, BPGMEA   | Member              |
| 21        | President, Dhaka Chamber of Commerce and Industries   | Member              |
| 22        | President, NASCIB   | Member              |
| 23        | President, BMAMA  | Member              |
| 24        | President, BAAMA  | Member              |
| 25-<br>26 | Two Prominent Industrialists of Plastics sector<br>( nominated by the Ministry of Industries) | Member              |
| 27        | Deputy Secretary/Senior Assistant Secretary<br>Ministry of Industries, Bangladesh             | Member<br>Secretary |

The Council can co-opt any required number of members as per its necessity.

#### **4.3 The responsibility of the National Council on Plastic Industries Development will be as follows:**

1. The National Council on Plastic Industries Development will be responsible for facilitating policy coherence between national development policies and this policy as well as its integration with other national policies.
2. It will facilitate and coordinate national positions on plastic industries development issues for national as well as international purposes.
3. The Council will review the report from the National Steering Committee on the impact of the policy in various sectors of the economy.
4. The council will sit at least twice in a year.

#### **4.4 National Steering Committee (NSC)**

National Steering Committee for Plastic Industries Promotion will be headed by Secretary, Ministry of Industries as its chairman. The other members of NSC will consist of representatives from Energy Division, Power Division, Ministry of Environment, Ministry of Commerce, Higher Education Division, Ministry of Science and Technology, Finance Division, National Board of Revenue, Financial Institution Division, ICT Division, Bangladesh Bank, DPDT, BSTI, BAB, other relevant agencies, private sector and other stakeholders with power to co-opt additional members as and when necessary.

- a) The Committee will regularly evaluate the execution of the policy and devise procedures and techniques to work together to put policies into effect with a view to attaining policy goals.
- b) The Committee may co-opt any number of members as per the necessity.
- c) The Committee may invite any expert/experts for the purpose of specific opinion in meeting.

6.4.2 National Steering Committee (NSC) will hold regular consultations with experts from the private sector, trade bodies, think tanks and officials from the line Ministries and Agencies.

#### **4.5 Working Committee/Technical Committee**

Secretary, Ministry of Industries will be able to form any number of working committee or technical committee as per situational demand of the time.

#### **4.6 Popularization of the Policy**

i) In order to generate momentum and popularize Plastics promotion and in the context of implementing recommendation of the National Council on Plastics Industries Development, the government may consider declaring 2021/2022 as “Year of the Green Plastic”.

ii) Government will undertake a comprehensive national mapping exercise, identify areas in various development policies, plans and strategies where Plastics promotional issues interfaces exist and can play a contributory role.

iii) The Ministry of Industries in cooperation with public and private print and electronic media and relevant public and private bodies may undertake a campaign to sensitize all relevant stakeholders, including potential users, government officials, business community and the general people about the policy following its adoption.

#### **4.7 Monitoring, Evaluation and Review of the Plastic Industries Development Policy 2020**

i) The implementation and impact of the Plastic Industries Development Policy 2020 will be monitored and assessed to determine whether the policy objectives and the various goals set to address identified policy issues are met.

ii) The implementation and impact of the Plastic Industries Development Policy will be evaluated and reviewed by independent consultants after five years or at any other time as the need arises to evaluate the progress and impact of the implementation of the policy.

## **Chapter 5**

### **Roles of the Different Agency**

#### **5.1 The Role of Private Sector and Associations**

**The prominent Private big industries** will carry out the following activities –

(a) Big brand Manufactures will coordinate, share knowledge and experience and attempt to produce value added products together along with the small entrepreneurs;

(b) Creation of linkages between enterprises will always be appreciated by the government;

(c) Promotion of collaboration with research and development departments for continuous development and the participation in public and private joint activities will be encouraged;

## **5.2 The Role of Plastic Manufacturing Associations**

To develop Plastic and Packaging industries in the country, **Plastic Manufacturing Associations** will carry out the following activities –

- (a) Associations will facilitate (suo-moto) business related required supports to its industry members such as knowledge on technology, trade, market penetration, production process, research and innovation, entrepreneurship etc;
- (b) Associations will give advice on behalf of businesses owners in formation of law, framework and policies for developing this sector;
- (c) Associations will provide necessary advice and assistance in upgrading the infrastructure;
- (d) Associations will coordinate and negotiate with the government to ameliorate business disputes under the related laws;
- (e) Associations will share management and technology knowledge through seminars, workshops, trainings and expo;
- (f) Associations will publish market situation and information in a timely manner and assist in expansion of market both local and international;
- (g) Associations will coordinate and assist in obtaining financial capital;
- (h) Associations will coordinate and facilitate in standardization of products and services of Plastic industries;
- (i) Associations will assist in required technology transfer to local Plastic industries by organizing business match making events and create link and facilitate to source technology, financial loans and human resource development from international organizations for manufacturing of high quality products

## **5.3 The Role of Ministry of Industries and other Government Agencies**

The following policy analysis and evaluation activities to support the development of Plastic industries will be carried out **by the Ministry of Industries**:

- (a) It will undertake policy analysis and evaluation in a regular basis and report to the concerned body;

(b) It will undertake necessary analysis to amend existing situations of Plastic industries, its requirements, difficulties and socioeconomic impact, and make further propositions;

(c) It will make comparative analysis on regional and international policies relevant to the local Plastic industries;

(d) It will collaborate with international organizations and development partners for the improvement of technical knowhow, funding and technology transfer.

## Chapter 6

### Conclusion

This policy will be acting as the pioneer guiding instrument to expedite and promote plastic sector industry throughout its value chain from sourcing, appropriate production technology, product quality, marketing, skill development, compliance issues down to waste management and recycling.

This policy instrument will be used as a development strategy of Plastic industries for implementing short, medium and, long term action plan. This Action Plan will be updated from time to time and will perform as the road map of incremental development of Plastic sector industries in a predictable and sustainable manner.

## Chapter 7

### 7.1 Time bound Action Plan of this Policy

| SL no  | Objectives                                  | Activities   | Implementation Period | Implementing ministry/division /organisation | Supporting ministry/division /organisation/ institution |
|--|---|--|-----------------------|--|---|
| <b>3.1 Strategy: Promoting Domestic Industries</b> |   |  |                       |  |   |
| 1  | <b>Increase numbers of local Industries</b> | setting up more support industries that can create |                       |  |   |

| SL no  | Objectives   | Activities  | Implementation Period | Implementing ministry/division /organisation | Supporting ministry/division /organisation/ institution |
|--|--|---|-----------------------|--|---|
|  |  | linkage   |                       |  |   |
| 2  |  | Encourage Investment for technology and knowledge the transfer                                |                       |  |   |
| 3  |  | development of entrepreneurial and businesses promotional services;                           |                       |  |   |
| 4  |  | establish dedicated industrial parks  |                       |  |   |
| 5  |  | set up mould making facilities to cater to the mid- and high-end market                       |                       |  |   |
| <b>3.2 Strategy: Promoting the Reputation of Plastics Industry</b>   |  |   |                       |  |   |
| 6  | <b>Regain Positive Image of Plastic Industries</b>   | Conducting image survey to evaluate the extent of the problem and to recommend 'best practice |                       |  |   |
| 7  |  | Creation of Circular Economy Platform   |                       |  |   |
| <b>3.3 Strategy: Developing the Value Chain of Plastics Industry</b> |  |   |                       |  |   |
| 9  | Capacity Building of the domestic plastic industries | Undertaking mapping up project for benchmarking future development requirement                |                       |  |   |

| SL no  | Objectives                            | Activities  | Implementation Period | Implementing ministry/division /organisation | Supporting ministry/division /organisation/ institution |
|--|---------------------------------------|---|-----------------------|--|---|
| 10   |                                       | technical assistance program to improve design facility for boosting export           |                       |  |   |
| 11   |                                       | Brand creation program to enhance value chain of packaging, production and marketing. |                       |  |   |
| <b>3.4 Strategy: Focus on Enhanced Access to Global Market</b> |                                       |   |                       |  |   |
| 12   | Better Access to International market | Establishing State of the Art Plastics Industry Development Centre                    |                       |  |   |
| 13   |                                       | Institutional arrangements for foreign markets compliance and requirements            |                       |  |   |
| 14   |                                       | Counselling program to revitalize the compliance issues;                              |                       |  |   |
| <b>3.5 Strategy: Enhance Skill Development and Training</b>    |                                       |   |                       |  |   |
| 15   | Human resource Development            | Ensure demand driven skilled training in this sector                                  |                       |  |   |
| 16   |                                       | Training on Productivity enhancement tools  |                       |  |   |
| 17   |                                       | Training on entrepreneurship development and modern technology                        |                       |  |   |
| 18   |                                       | Creation of research and development  |                       |  |   |



| SL no  | Objectives   | Activities   | Implementation Period | Implementing ministry/division /organisation | Supporting ministry/division /organisation/ institution |
|--|--|--|-----------------------|--|---|
|  |  | funds through public private partnership   |                       |  |   |
| 19   |  | Developing Industry-Academia forum   |                       |  |   |
| 20   |  | Setting up Centres of Excellence in educational and research institutions working in the field of plastics materials   |                       |  |   |
| <b>3.6 Strategy: Access to Finance and Tax Incentives</b>                      |  |  |                       |  |   |
| 21   | Ensure adequate Financial Support to Domestic Industries | Provide low-cost loans (cost of fund+3%) to Plastic SMEs   |                       |  |   |
| 22   |  | Financial assistance like microfinance, credit guarantee scheme, hire-purchase, two-step loan, trade credit  |                       |  |   |
| <b>3.7 Strategy: Institutional Framework for Business Development Services</b> |  |  |                       |  |   |
| 23   | Ease of Doing Business                                   | Introduce One Stop Service Centre for providing . registration and other related requirements and certificate for running a plastic manufacturing enterprise |                       |  |   |
| <b>3.8 Strategy: Practice of Environmental Management System</b>               |  |  |                       |  |   |
| 24   | Ensure Strict Environmental Compliances                  | .Introduce Environmental Management System (EMS) in all plastics industries  |                       |  |   |

| SL no   | Objectives                         | Activities   | Implementation Period | Implementing ministry/division /organisation | Supporting ministry/division /organisation/ institution |
|---|------------------------------------|--|-----------------------|--|---|
| 25  |                                    | Run hazardous chemicals management programs in all plastic manufacturing plant   |                       |  |   |
| <b>3.9 Strategy: Promoting Technology Development and Innovative Production</b> |                                    |  |                       |  |   |
| 26  | Science, Technology and Innovation | Set up Plastic Research and Development Fund (PROF) to run projects of R&D, incubation centres, intellectual property certification centres, to facilitate increased cooperation between the industry and academia, waste management, recycling and development of biopolymers and biodegradable polymers. |                       |  |   |