



# **ENGINEERING DEVELOPMENT BOARD**



# ANNUAL REPORT

## 2020

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**ENGINEERING DEVELOPMENT BOARD**  
MINISTRY OF INDUSTRIES AND PRODUCTION  
GOVERNMENT OF PAKISTAN

# VISION

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“To develop Engineering Goods and Services Sector on modern lines, enabling it to become technologically sound and globally integrated”

# MISSION

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“Strengthen the engineering sector and integrate it with the world market in order to make it the driving force for economic growth.”

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# CHAIRMAN'S MESSAGE

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Publishing EDB's Annual Report is indeed an appreciative step towards highlighting the initiatives being undertaken by the organization for development and promotion of the engineering sector of Pakistan. The reconstituted Board of Management of EDB is keen to see this organization growing and becoming progressive, to contribute towards supporting the value added engineering sector.

Since this sector has a large capacity and capability to contribute towards economic development of the country, therefore, concerted efforts are being carried out at various fronts. The initiative of Export enhancement exercise is undertaken by prioritizing six sub sectors in the first phase to address various issues with relevant departments is a step ahead to take Engineering Sector forward for integration with the global supply chain.

Preparation of Automotive Industry Development & Export Plan AIDEP (2021-26) has been initiated by EDB as a follow-up on to the Automotive Development Policy (2016-21). Completion of the annual competitiveness and efficiency improvement exercise for the budget year 2020-21 with basic objective to improve cost of doing business of the local industry is a regular feature that EDB is performing regularly to create favorable environment for the local business country.

EDB's efforts and inputs for the 2<sup>nd</sup> Phase of China Pakistan (CPFTA-II) which became effective from 1<sup>st</sup> January, 2020 are highly appreciated. EDB has not only evaluated and worked out potential available for the Pakistani industry under the CPFTA-II but also provided awareness to the local industry to benefit from the availability of input materials at cheaper rates from China.

EDB has also been guiding and facilitating the local industry to benefit from duty concessions provided by China in equality with ASEAN along-with other countries and enhance export volume of engineering and industrial goods to China, a market of Trillions of Dollars. I would like to invite all the stakeholders to share any innovations/new ideas with EDB so that this report could serve as a good source of information for all to read.

# CHIEF EXECUTIVE OFFICER'S MESSAGE

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It gives me immense pleasure to present the Annual Performance Report of EDB for the year 2019-20 at the start of my term as Chief Executive Officer. It is indeed a valuable accomplishment. EDB played an active role in implementing the Government's economic reform agenda particularly in Engineering Sector by achieving its objectives of nurturing competition with increased investment and reforms while protecting the public interest by providing effective and efficient regulatory regimes. Engineering Development Board has put in efforts for facilitating the engineering sectors for integration in the global supply chain by initiating various activities. Fan Sector's Trade Delegation's Visit to Vietnam, 1<sup>st</sup> Africa Trade Development Conference – Nairobi, Kenya are a few to mention.

In line with the vision of Prime Minister of Pakistan, Electric Vehicle Policy for 2-3 wheelers and heavy commercial vehicles formulated by EDB after consultation with the stakeholders approved in principle by ECC of the Cabinet on June 10, 2020. The same was ratified by the Cabinet and is in the implementation stage.

EDB was also working for formulating Mobile Device Manufacturing Policy which is expected to boost local manufacturing of mobile handsets and their exports from Pakistan. Many investors are expected to invest in this sector. First Mobile Device Manufacturing Policy was prepared after several consultative meetings. The ECC approved the Mobile Device Manufacturing Policy on May 21, 2020 which was ratified by the Cabinet on June 2, 2020. This policy attracted attention of both, local and foreign investors. Responding to policy prepared by EDB, companies i.e. Q-Mobile, Techno, G-Five, etc. which are already manufacturing mobile devices in Pakistan are enhancing their capacities and new companies i.e. Vivo, Oppo, TCL (Alcatel), etc. are ready to launch/start manufacturing of the Mobile Device locally Pakistan. Under the Automotive Development Policy 2016-21, twenty new investors have been granted Greenfield status.

The Annual Report is the first of EDB after the revamping of its Board of Management (BoM) and my joining as CEO. The basic idea behind this publication is to share various initiatives being undertaken by the organization for the benefit and facilitation of engineering sector. There is a dire need to project the "Engineering Face of Pakistan" and to reflect the core competencies of the industry. We would be looking forward to have your feedback for further improvements and hope that this initiative would prove to be a step ahead for building a strong relationship between EDB and Industry.



## BOARD OF MANAGEMENT

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**MR. ALMAS HYDER**  
CHAIRMAN

### MEMBERS (PUBLIC SECTOR)

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**SECRETARY**  
MINISTRY OF INDUSTRIES & PRODUCTION



**SECRETARY**  
MINISTRY OF COMMERCE



**SECRETARY**  
MINISTRY OF FINANCE



**SECRETARY**  
MINISTRY OF SCIENCE & TECHNOLOGY



**SECRETARY**  
DEFENCE PRODUCTION



**CHAIRMAN**  
FEDERAL BOARD OF REVENUE

### **MEMBERS (PRIVATE SECTOR)**

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**MR. SIKANDAR MUSTAFA KHAN**  
CHAIRMAN MILLAT



**SENATOR NAUMAN WAZIR KHATTAK**  
CHAIRMAN FF-STEEL



**MR. ABBAS AKBER ALI**  
CHAIRMAN AMRELI STEELS



**MR. KHAWAR RAFIQ SHEIKH**  
CHAIRMAN RAFIQUE ENGINEERING



**MR. SAQUIB H. SHIRAZ**  
CEO ATLAS HONDA



**SYED NABEEL HASHMI**  
CEO THERMOSOL IND.



**MR. MUHAMMAD MURAD SAIGOL**  
CEO PEL



**MR. MUHAMMAD FAISAL AFZAL**  
MD SUPER ASIA

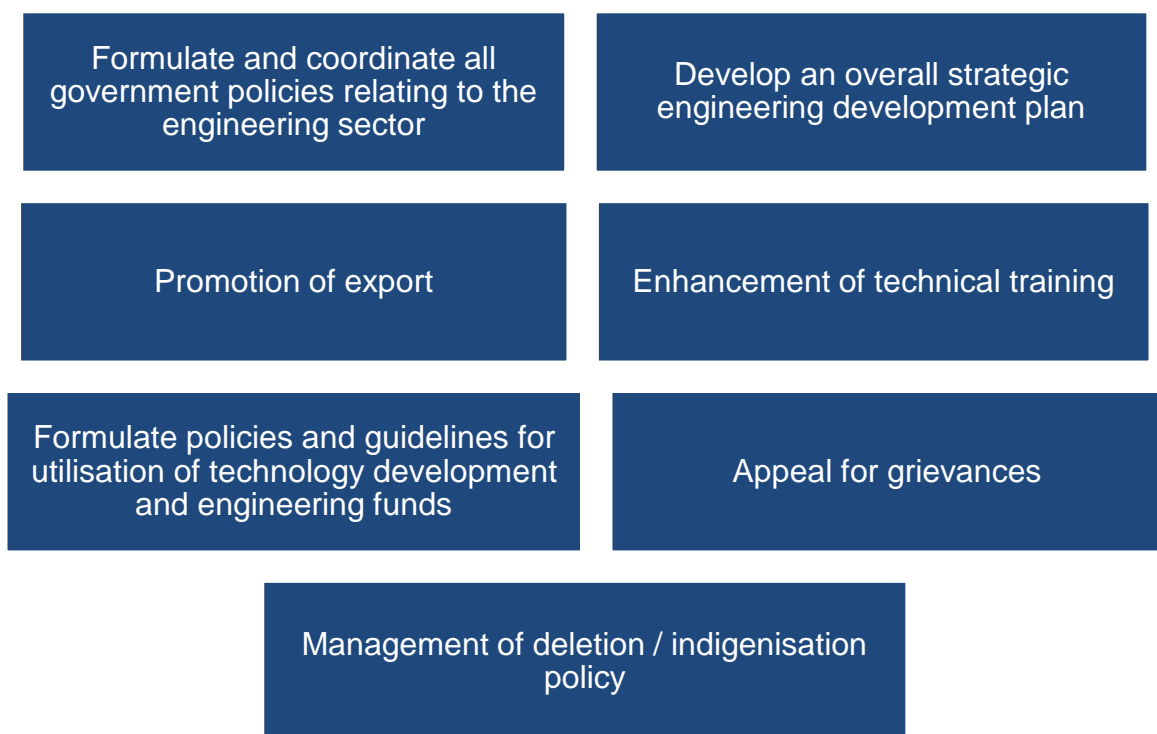


**ENGR. KHAWAR ANWAR KHAWAJA**  
CEO GRAYS

## FORMATION

Engineering Development Board was established in 1995. The primary mandate assigned to the board was policy formulation and implementation for facilitating and encouraging development & growth of the Engineering Industry of the country. Later it was decided that EDB shall function as an apex policy and decision making autonomous body for all

aspects concerning the Engineering Industry as per its terms of reference. EDB implemented indigenization programs, carried out the tariff rationalizations, and other sectoral /business development activities for different engineering sectors alongside developing a long-term vision for the development of the engineering sector.



## FUNCTION HEADS AT EDB

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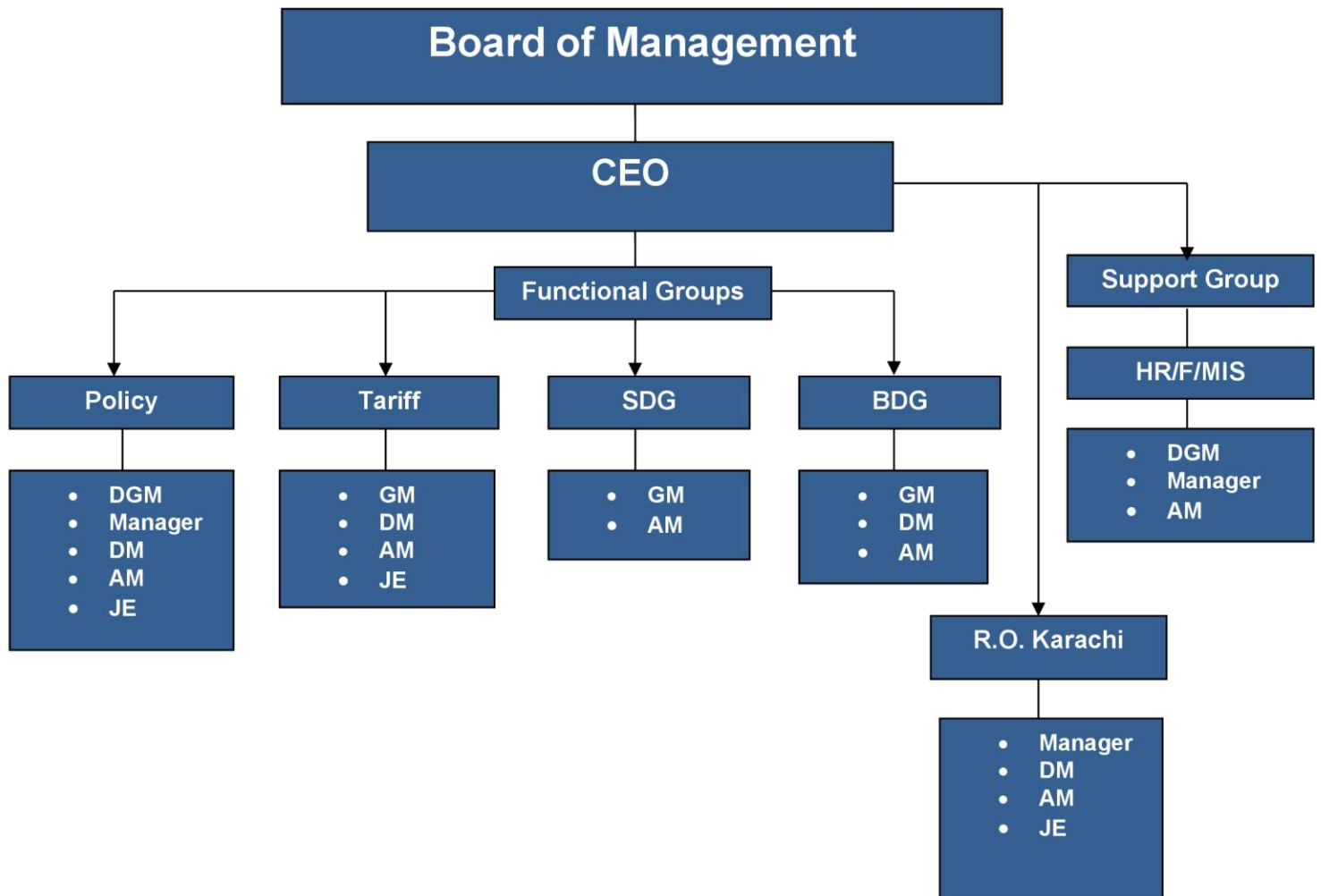
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# ORGANOGRAM

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# FUNCTIONS OF THE DEPARTMENTS

## POLICY DEVELOPMENT

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### Objective

Policy section plays a crucial role in designing and developing overall policy directions for the engineering sector of Pakistan by identifying core competencies, macroeconomic environment, tariff and non-tariff businesses' condition through close interaction in-house and with various government departments/ stakeholders.

### Brief of Activities

In addition to the above, the policy section is providing inputs to following line ministries and departments for effective policies formulation/technical support including:

- Ministry of Industries & Production and Ministry of Finance/FBR on various notifications, policy related issues and tariff rationalization etc.
- Ministry of Science & Technology/PSQCA for Standards and Quality and PCST.
- Board of Investment for Investment facilitation on auto sector.
- Ministry of Communication on Road Safety and Motor Vehicle regulations.

Policy department also handles the matters related to Senate, National Assembly, Standing Committee replies/briefings etc. to ensure implementation of recommendations/resolutions put forth by the Standing Committee for Senate and National Assembly etc. Furthermore, policy section oversees Prime Minister Delivery Unit and Wafaqi Mohtasib complaints, court cases (approximately 30 cases were replied in 2020), Greenfield/Pioneer industry cases related to evaluation of new technologies and cases of disabled persons under Import Policy on routine basis.

Policy department is working on formulating various policies to facilitate and encourage development & growth of engineering Industry Pakistan. In this regard, Policy section has finalized Electric Vehicle Policy for 2/3 Wheelers, Heavy Commercial Vehicles and Four Wheelers, Mobile Device Manufacturing Policy which were all approved by Cabinet this year. The AIDP (2016-21) formulated by policy group has been successfully implemented over past years and is in the process of getting renewed. Furthermore, with the efforts of Policy section Pakistan also became the member of WP-29 forum formally on April 24, 2020. EDB is working on implementation of United Nations Economic Commission for Europe (UNECE) WP-29 Regulations. The summary for accession of WP-29 was submitted in Jan, 2018. These regulations were for compliance to safety of human life, environmental protection and sustainable growth of motorization in the country as well as harmonization of automobile regulations in line with global requirements.

## **Policy Group Processes**

- An in-depth review and SWOT analysis of identified sectors.
- Comprehensive analysis of identified sectors with focus on issues related to R & D, technology development, capacity enhancement, human resource, etc.
- To identify potential for both domestic and Foreign Direct Investment (FDI).
- To recommend certain policy initiatives through interaction and continuous dialogue with the industry.
- To consult tariff section on tariff implications in various sectors.
- A review of the key financial parameters of the government to base policy decisions on financial support that it is prepared to give to sectors.
- To identify the need of cluster approach and propose measures to move economy from factor driven to investment driven stage.
- Regular evaluation of policy decisions, performance evaluation, targets and environment set by the government for conducting policy impact analysis.
- To work with PSQCA for standardization of products and or development of new standards of products of all engineering sectors.

## **BUSINESS DEVELOPMENT**

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Business Development group of EDB is involved in specialized activities of business promotion and development. Prime functions of BDG include engineering goods export promotion to integrate ambitious and capable engineering companies with the global supply chain. In order to enhance core competence of the engineering industry of Pakistan, BDG is extending all the needed facilitation and support to engineering industry by linking them with the international platforms for resolving technical & non technical issues. For the requisite international exposure, BDG's continued support for the local engineering industry is there by way of arranging their participation in various international & local conferences and delegation visits during the period under review.

### **Business Group Processes**

Business Development Group Processes are briefly summarized as below:

- Organizing Pakistan's Participation at specialized International Engineering Trade Fairs.
- Establishing relations with other resource organizations to jointly carry out various tasks.
- Organizing Trade Delegations to potential markets.
- Organizing B2B business match making meeting and linking the local business with international agencies.



- For export oriented Engineering Products, BDG interacts, collaborates and work with International Certification bodies, CE Marking /Certification Agencies and UL service providers.
- Organizing Local Sectoral Exhibitions for sectors having export potential.
- Developing market expansion plans for engineering goods & services sector for potential export markets.
- Disseminating information on export potential of local engineering companies through media campaigns and published materials (Export Directory).
- Attending local exhibitions to identify potential engineering sectors/products to establish linkages with the local business community.
- Manage activities of various regional blocks i.e. ECO, SCO, etc.
- Organizing training courses for capacity building of the export oriented industries.
- Liasoning with Commercial Councilors for the promotion of business networking of local business with foreign engineering companies.
- Carrying out studies on countries having export potential for Pakistani products.
- Developing Technical and Managerial Expertise in Engineering Sector through provision of Short Term Experts (Senior Volunteers) from International Agencies like CBI, PUM, Jetro and SES etc.
- Coordinating with the Member States of the Shanghai Cooperation Organization with SCO Secretariat.
- Organized Pakistan's delegation for participation in D-8 meetings and summits.
- Participating in UNIDO led conferences and investors' dialogues.
- Participating in Virtual Investment & Trade opportunity Forums of UK Pak Business Council to high light investment opportunities in Engineering Sector of Pakistan.
- Publication of important documents i.e. Cost of doing, Engineering Goods Export Directory, Industrial Bulletin etc.

## TARIFF GROUP

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### Objective

To possibly cut down the cost of doing business, to encourage competition, supporting the local industry and creating enabling environment for domestic production export enhancement of engineering goods.

### Working Mechanism

Maintaining EDB culture of interactive and communicative environment, the tariff group is undertaking comprehensive budget and trade policy exercises in consultation with the stakeholders i.e. both government and private sector.

### **Tariff Group Processes**

Tariff group is involved in initiating annual budget exercise through consultations with sectoral committees, government and stakeholders. The Objective of the tariff group is to provide rationalized cost efficient inputs to industry for competitive local production and exports. Other tasks of Tariff Group Processes are briefly summarized as below:

- Addressing the budget anomalies.
- Regular updation of CGO for the locally manufactured goods and the related issues.
- Identify opportunities out of crises situation and provide directions for Policy and Sector Development Groups.
- Issuance of I.O.R certificates with reference to concessionary SRO's and making the processes transparent, consistent and competitive.
- Implementation of TBS in the auto sector and identifying and removing the bottlenecks for the industry.
- Inspection of assembly/manufacturing facilities, in the auto sector wherever authorized under the SRO's.
- Conducting the indigenization committee meetings.
- Coordinating with various sectoral committees, as constituted by the Board of Management.
- Coordinating Mol&P related functions i.e. comments/views on tariff related issues.
- Close liaison with FBR to facilitate industry on customs, sales tax and other tax related matters and proposing easy procedures for facilitation of Industry.
- Identifying the potential growth sectors on regular basis where tariffs are potential impediments to growth and exports.
- Updating database on entire automotive manufacturing sector.

## **SECTOR DEVELOPMENT**

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Sector Development Group is mandated to focus on the developmental activities of products being manufactured locally. Identification of Key Players/ Star performers through industrial surveys, field visits etc., is a key feature of this group. Sectoral needs are identified for technological up-gradation, product diversification and developmental needs to improve competitiveness of the Industry.

### **Sector Group Processes**

Sector Group Processes are briefly summarized as below:

- Identify local manufacturing capabilities in each sector/ sub-sector.
- Verification of manufacturing capabilities/ facilities through field visits.
- Manufacturer's profiling, indicating salient features of manufacturing facilities, capability, technological level, certification, business & export plan and potential etc.
- Identify key players / star performers through industrial surveys and physical visits based on well defined criteria e.g. product portfolio, import substitution, new product development capabilities and achievement of exports during the year etc.
- Identify sectoral needs for technological up-gradation for entering export markets.
- Constitute sectoral committees comprising of industry stakeholders and develop templates for sectoral strategy formulation by the respective committees.
- Benchmark & develop sectoral strategy under the guidance and supervision of the committees for improving competitiveness and set quantifiable targets.
- Organize sector specific, interactive seminars and workshops in coordination with Business Development Group.
- Effective Coordination with Regional Office Karachi and major engineering hubs at Faisalabad, Gujranwala and Wazirabad for sectoral development.
- Comments/ views/ recommendations on sector/ sub-sector/ product development matters for consideration of the MOIP&SI.
- Facilitate vendors on training and testing facilities to improve product quality.
- Handle activities pertaining to Free Trade Agreement (FTA).
- Providing inputs to Preferential trade agreements.

## LIST OF ENGINEERING GOODS CUSTOMS TARIFF

Chapter No.	Products Description
39	Plastics and articles thereof
40	Rubber and articles thereof
69	Ceramic products
70	Glass and glassware
72	Iron and steel
73	Articles of iron or steel
74	Copper and articles thereof
75	Nickel and articles thereof
76	Aluminium and articles thereof
78	Lead and articles thereof
79	Zinc and articles thereof
80	Tin and articles thereof
81	Other base metals; cermets; articles thereof
82	Tools, implements, cutlery, spoons, and forks
83	Misc. articles of base metal
84	Machinery, mechanical appliances,
85	Electrical machinery and equip.
86	Railway or tramway locomotives,
87	Vehicles (not railway or tramway)
88	Aircraft, spacecraft
89	Ships, boats, and floating structures
90	Optical, photographic, measuring,
91	Clocks and watches
92	Musical instruments;
93	Arms and ammunition;
94	Furniture; bedding, mattresses, etc
95	Toys, games, and sports
96	Misc. manufactured articles

## CATEGORIZATION OF ENGINEERING SECTOR

### Consumer / Home Appliances

Air conditioner, Refrigerators, Deep Freezers, Washing Machines, Sewing Machine, Microwave Ovens, Fans (Industrial & Domestic), Mobile Phones, TV & Radio & their parts

### Electrical & Power Equipment

Transformers, Pumps & Motors, Lightning Arresters, Switchgears, Switchboards, Generators & Parts, Energy Meters

### Capital Goods & Other Machinery

Boilers, Tanks, Containers, Diesel engines (Non-Stationary), Metal and wood working machinery, Textile machinery, Agricultural machinery, pumps, compressors.

### Engineering Services

Manufacturing services on physical inputs, Maintenance and repair services, Construction services, Computer & IT services, R&D services, Architectural

### Automotive Sector

Tractors, Prime Movers/ Semi Trailers, Buses, Cars, Trucks, Motorcycles, Ships, Aircrafts, Motorcycles, Bicycles, Rubber Tyres & Tubes. Automotive

### Ceramics and Sanitary ware

Ceramic insulators, Ceramic tiles, Ceramic tables & kitchenware, Household Utensils, Sanitary ware, Refractory ceramic products

### Cutlery Utensils, Surgical Instruments & Tools

Table & kitchenware, Cutlery knives, Locks & hinges, Hand tools, Swords, cutlasses & similar arms, hammers, saws, garden tools, surgical

### Base Metals

Mild steel ingots and billets, Mild steel bars, rods, light and medium sections, and transmission towers Iron, steel and non-ferrous castings, Steel tubes and

## BOARD OF MANAGEMENT MEETINGS

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### 41<sup>st</sup> Board of Management Meeting held on 27<sup>th</sup> February, 2020

- The draft mobile device manufacturing policy was approved by Board of Management for submission to MoIP for further necessary action
- EDB's initiative on Electric Vehicle Policy (EV Policy) was appreciated and BoM advised to convene AIDC Meeting shortly to firm up contours of the Policy
- Decision was made that EDB needs to formulate the Budget proposals and get them cleared for further submission to NTC
- A Presentation was given on Pak-China Free Trade Agreement 2<sup>nd</sup> Phase and CFTA-II
- Another presentation was also presented on changes required in DTRE scheme and LTTE scheme for promotion of engineering industry and exports
- The Chairman advised to finalize the business promotion plan by holding meetings with TDAP/ Ministry of Commerce for detailed deliberations to sort out the extent of EDB's support to TDAP





## 42<sup>nd</sup> Board of Management Meeting held on 4<sup>th</sup> June, 2020

- Discussion was held on the update on Mobile Manufacturing Policy and Electrical Vehicle Policy. Mobile Manufacturing policy would develop a local ecosystem for technology acquisition and design and development in future.



- Update was given by GM-BDG on the three year business promotion plan provided by EDB to TDAP for engineering sector participation plan in the international trade fairs/exhibitions to various countries.

## 43<sup>rd</sup> Board of Management Meeting held on 3<sup>rd</sup> July, 2020

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A discussion was held over Accession of Pakistan to the information technology and ITA which is a multilateral, tariff cutting, framework under WTO

- Detailed discussion held on DTRE Scheme for promotion of Engineering Industry and exports
- Update was given to house on Local Manufacturing of PPEs, as Pakistan has not only become self sufficient but also started exporting surplus quantities
- Discussion on the establishment of Product Design & Development Center at EDB premises as a model design center was held.



## 44<sup>th</sup> Board of Management Meeting held on 18<sup>th</sup> September, 2020

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- It was decided that BDG shall apprise the Board in the next meeting about results achieved on EDB's past participations in trade fairs, business plan for virtual seminars / exhibitions. Also BDG shall explore possible collaboration between EDB and TDAP in line with Rule Book for TDAP, and optimum utilization of Export Development Funds



- The Progress of Exports of Engineering Goods, a summary of progress of various sectors was presented by GM (BDG), and the house appraised the export incentive scheme of GoP which are being reviewed by EDB for further revision to make them friendly for exporters.
- Update was given on Electrical Vehicle Policy for 2-3 wheelers and HCV being formulated by EDB & MoIP and approved by ECC of the Cabinet and is at various stages of implementation.
- The Board of Management of EDB, after review, accorded approval for the Revival Action Plan for Performance Evaluation of EDB and its submission to MoIP.
- It was decided that EDB shall submit the Position Paper based on input received from the stakeholders on accession to ITA, and which has been circulated in working paper for 44<sup>th</sup> BoM to the Ministry of Industries and Ministry of Commerce.



# **CHAPTER – I**

## **POLICY DEVELOPMENT GROUP**

## Electric Vehicle Policy for 2-3 Wheelers and Heavy Commercial Vehicles

Electric Vehicle Policy for 2-3 wheelers and heavy commercial vehicles was formulated after consultation with the stakeholders. The policy was approved in principle by ECC of the Cabinet on June 10, 2020. The same has been ratified by the Cabinet and is in the implementation stage.

The policy was extensively deliberated in Automotive Industry Development Committee (AIDC), which is a Cabinet's approved body working under Engineering Development Board, for promotion of automotive industry. The recommendations mainly focused on **"Made in Pakistan"**, strategy and were duly endorsed by EDB's Board of Management, which includes prominent automotive sector businessmen and experts.



**33<sup>rd</sup> AIDC meeting held on August 13<sup>th</sup> 2020, chaired by CEO EDB**

This policy initially encompasses local manufacturing of electric vehicles in 2/3 wheelers and Heavy Commercial Vehicles (Trucks and Buses) category and related ecosystem for said electric vehicles. However, its scope will be extended further to cars, sports utility vehicles and light commercial vehicles constituted for EV Policy.

The prominent members of the Committee include Minister for Science and Technology, Minister for Planning, Development and Special Initiatives, Advisor to PM on Climate Change, Special Assistant to PM on Petroleum, Advisor to PM on Institutional Reforms and Austerity, Deputy Chairman Planning Commission and Secretary Ministry of Commerce.

The approved recommendations mainly include 1 % customs duty on Electric Vehicles Specific Parts and 1 % sales tax which are expected to make manufacturing of 2-3 wheelers economically viable in the market comparison with their gasoline substitutes. The local manufacturing in HCV segment and infrastructure development has also been incentivized in the policy. Local development of infrastructure which is a prerequisite has also been incentivized.

Responding to a well thought out policy prepared by EDB, several local companies have started exploring the EV segment of local vehicle market. M/s Jolta Electric (Pvt) Ltd. Lahore, which has already made significant investment in designing and development of EV specific equipment, has submitted its request to EDB for local manufacturing of electric bikes in Pakistan. Similarly, United Auto Industries, the second largest manufacturing brand in motorcycle segment is working in close coordination with EDB for launch of various electric versions of their motorcycles and scooters. Sazgar Engineering Works Limited has already manufactured three wheelers electric vehicles whereas Crown Group of Companies Karachi has test marketed various 2-3 wheelers electric vehicles are expected to shift to their local manufacturing soon.

Apart from this, several companies are contacting EDB and coordinating for manufacturing of 2-3 wheelers electric vehicles. As a result of this initiative, the adverse impact of pollution on environment will reduce whereas operating and maintenance cost of vehicles will also be reduced.

EDB has already taken up approved recommendations such as exemption of registration fee, reduction in toll taxes, exemption from annual renewal fee, availability of loans at favorable terms etc. with various government entities and provincial departments including State Bank of Pakistan, Ministry of Communication and provincial registration authorities. Introduction of EVs in local market will be beneficial in providing additional employment for the talented youth in Automobile sector of Pakistan. The investment applications will be processed by EDB.

## Summary of approved recommendations

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### **2-3 Wheelers**

1. General Sales Tax (GST) at sales stage is to be fixed for 2-3 wheelers @ 1% for five years i.e. the policy period. Sales Tax at import stage to be waived off (0%) to avoid refunds.
2. EV Specific Parts of 2-3 wheelers to be imported at 1 % Customs Duty (CD) for five years.
3. Exemption of 2-3 wheelers from Registration and Annual Token Tax. Reduction of toll tax to 50% for EVs.
4. Existing manufacturing regime for 2-3 wheelers with respect to non EV parts & components to remain intact to safeguard already achieved localization
5. Benefits of EV policy to be extended to both; existing and new manufacturers.
6. Import of new EVs (2-3 wheelers) in CBU condition at concessionary rate of duty (50 % of the prevailing rate of custom duty) to be linked with establishment of manufacturing facilities i.e. 10 units per variant with maximum of 200 units allowed to be imported under concessionary

### **Heavy Commercial Vehicles (HCVs) –Electric**

1. 1 % Customs Duty on import of CBUs (Electric Buses, Trucks & Prime Movers)
2. Import of entire CKD allowed at 1 % Customs duty to the local manufacturers
3. General Sales Tax @ 1 % at sales and waived off (0%) at import stage.
4. Exemption of registration fee, annual renewal fee, permits and reduction of toll tax to 50 percent for HCVs.

### **General Proposals for 2-3 wheelers & HCVs**

1. Localization of parts and components to be reviewed after 2 years announcement of policy
2. Duty and Tax Free import of plant and machinery to be allowed to both; existing and new entrants in both 2-3 wheelers & HCVs
3. Five year income tax exemption for auto part manufacturers for setting up manufacturing facility for EV related equipment
4. Inputs for EV vendors to be exempted from duties and taxes for 5 years (applies to in-house manufacturing by OEMs also)
5. The funding facility of State Bank of Pakistan to encourage green investments will encompass EV manufacturers, EV parts, components and module manufacturers, EV infrastructure development including charging stations
6. Five years income tax exemption for manufacturers of EV equipment and infrastructure development

7. Import of chargers with the CKD to attract 1 % Customs Duty and 1 % Sales Tax whereas import of charging stations for electric vehicle under HS Code 8504.4030 already allowed at 0 % Customs Duty to continue
8. In line with Government of Pakistan vision of “Clean Green Pakistan”, EDB began work on formulation of electric vehicle (EV) policy. EDB concentrated on “Make in Pakistan” strategy focusing on the local manufacturing and gradual shift from fossil fuels to electric vehicles. In this regard a high level inter-ministerial committee finalized the recommendations of the EV Policy for 2-3 wheelers and Heavy Commercial Vehicles, which have been approved by the Cabinet and implemented. The recommendations which were approved and not implemented were discussed in the inter-ministerial committee and submitted for implementation. Furthermore, policy/recommendations for 4 wheelers have also been approved & will be implemented shortly. In this regard several meetings were held.



**Meeting on EV held on September 3, 2020 chaired by former Minister (MOIP)**





**Meeting with Stake-Holders on EV held on September 24, 2020 Chaired by Former Minister (MoIP)**



**Meeting with Stake-Holders on EV held on October 1, 2020 Chaired by Former Minister (MoIP)**

### **Consultation Process with stakeholders on EV Policy**

- A meeting on Electric Vehicle Policy Formulation was held in the committee room of Ministry of Industries and Production (MoIP), Pak Secretariat Islamabad on September 3, 2020.
- A consultative session with stakeholders on Electric Vehicle Policy was held in the committee room of Ministry of Industries and Production (MoIP), Pak Secretariat Islamabad on September 24, 2020.
- A consultative meeting with stakeholders on Electric Vehicle Policy for four Wheelers was held at Ministry of Industries and Production (MoIP), on October 1, 2020. Director General MoIP, PSO to Secretary MoIP, Chairman Engineering Development Board (EDB), CEO EDB CEO, senior representatives from M/s Indus Motor Company Ltd, M/s Honda Atlas Cars Pakistan Ltd., M/s Pak Suzuki Motor Company (Pvt) Ltd., M/s KIA Lucky Motors Pakistan Ltd., and M/s Hyundai Nishat Motor (Pvt) Ltd., attended the meeting.
- A consultative meeting with stakeholders on Electric Vehicle Policy for four Wheelers was held in November, 2020 under the Chairmanship of Former Minister for MoIP. Chairman EDB, CEO EDB and senior representatives from M/s Indus Motor Company Ltd., M/s Honda Atlas Cars Pakistan Ltd., M/s Pak Suzuki Motor Company (Pvt) Ltd., M/s KIA Lucky Motors Pakistan Ltd., M/s Hyundai Nishat Motor (Pvt) Ltd., M/s United Motors (Pvt) Ltd., M/s Master Motors Corporation (Pvt) Ltd., M/s Foton JW Auto Park (Pvt) Ltd., M/s Regal Automobile Industries Ltd., M/s Al-Haj Faw Motors, & M/s Sazgar Engineering Works attended the meeting.

## **Mobile Device Manufacturing Policy**

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EDB has prepared Mobile Device Manufacturing Policy, which is expected to boost local manufacturing of mobile handsets and their exports from Pakistan. First Mobile Device Manufacturing Policy was prepared after several consultative meetings. The Economic Coordination Committee (ECC) approved the Mobile Device Manufacturing Policy on May 21, 2020 which was ratified by the Cabinet on June 2, 2020.

The policy has been prepared keeping in view the success stories of countries like China, Vietnam and Bangladesh who have emerged as leading players in the field of mobile device manufacturing/assembly. These countries have incentivized both local and foreign investment by creating substantial tariff gap between import of CBUs and CKD/SKD kits and the policy document has been drafted to promote local manufacturing and assembly of mobile handsets considering the best international practices adopted by the countries. Policy aims at localization/indigenization of the parts of mobile phone in a phased manner.



**Meeting on EV-chaired By Former Prime Minister of Pakistan**

The expected outcome of the policy will be start of local manufacturing of mobile handsets and eventual export also. This will have a positive impact on allied industry including packaging and plastic. The expected arrival of high end brands will give local industry an opportunity to become part of the global value chain. In addition, setting up of R&D centers and an ecosystem for software applications is also visualized. Pakistan is a bigger market than Bangladesh, which has started exporting to advanced countries like USA also.

Responding to policy prepared by EDB, several local companies i.e. Vivo, Techno etc. have started manufacturing/exploring the Mobile Device Manufacturing segment of Pakistan.

## Summary of approved recommendations

- Removal of Regulatory Duty for CKD/SKD manufacturing by PTA approved manufactures under IOCO approved quota / import authorization.
- Removal of Fixed Income Tax on CKD/SKD manufacturing of mobile devices up to USD 350 category.
- Increase in Fixed Income Tax on USD 351 -500 USD category by Rs 2000 and > USD 500 by Rs 6300 on CKD/SKD manufacturing only.
- Removal of Fixed Sales Tax on CKD/SKD manufacturing of mobile devices.
- PTA shall allow activation of handsets manufactured in the country under import authorization of inputs by IOCO in CKD/SKD kit (8517.1211) and not under HS Code 8517.7000 i.e. parts. This will eliminate mis-declaration in parts category at import



stage. (Explained on Page 9 of the Policy). Activation of CBUs imported through notified routes after payment of all levied duty and taxes as fixed by government from time to time shall continue till any further amendment.

- In up to USD 30 category, words “except smart phones” to be inserted for CBU imports under 8517.1219 to avoid mis-declaration.
- R&D allowance of 3% to be given to local manufacturers for exports of mobile phones
- Locally assembled/manufactured phones to be exempted from 4% withholding tax on domestic sales.
- Government to commit to ensure maintaining tariff differential between CBU Imports and CKD/SKD Manufacturing till the expiry of the policy.
- Local industry to ensure localization of parts and components as per roadmap included in draft policy.
- EDB to act as Secretariat of Mobile Phone Manufacturing Policy and ensure development of allied parts, components and devices.

The mobile device manufacturing policy approved by the cabinet in June 2020 attracted attention of both, local and foreign investors. Responding to policy, companies i.e. Q-Mobile, Techno, G-Five, etc. which were already manufacturing mobile devices in Pakistan are enhancing their capacities and new companies i.e. Vivo, Oppo, TCL (Alcatel), etc. have shown readiness to launch/start manufacturing of the Mobile Device locally Pakistan.

Further, EDB is actively pursuing for the implementation of all the approved recommendations of the policy. In this regard meetings were held with various stakeholders.



**VIVO Team visited MoIP to meet with Former Minister (MoIP)**



Meeting on Authorization to operate and manufacture mobile devices in Pakistan Held on August 8, 2020 chaired by CEO EDB



Meeting on implementation of Mobile Device Manufacturing Policy Held on September 18, 2020 chaired by Chairman EDB BoM

### Others Meetings

- A meeting on draft Mobile Device Manufacturing Regularization and Authorization was held via Zoom on, November 24<sup>th</sup>, 2020.
- A meeting on setting up a Smart phone manufacturing facility by VIVO was held on Thursday, December 3<sup>rd</sup>, 2020. Federal Minister for Ministry of Industries and Production Mr. Hammad Azhar informed that “International Smart Phone Brand VIVO has decided to establish a smart phone manufacturing facility in Pakistan. Land purchased.

*“Deployment of DIRBS eliminated smuggled phones. It has been followed up by Mobile Manufacturing Policy. Revenues already doubled and now local manufacturing is taking off”*

## Automotive Development Policy 2016-21

Under ADP 2016-21, following twenty new investors have been granted Greenfield status.

M/S KIA LUCKY MOTORS  
PAKISTAN LTD

M/S AL-FUTTAIM AUTOMOTIVE  
PAKISTAN (PVT) LTD

M/S FOTON JW AUTO PART (PVT)  
LTD

M/S KHALID & KHALID HOLDINGS  
(PVT) LTD

M/S REGAL AUTOMOBILE INDUSTRIES LTD	M/S KHALID MUSHTAQ MOTORS (PVT) LTD
M/S KA HANTENG MOTOR COMPANY (PVT) LTD	M/S AL- HAJ AUTOMOTIVE(PVT) LTD
M/S SAZGAR ENGINEERING WORKS LTD	M/S PAK CHINA MOTORS (PVT) LTD
M/S PAK CAMC (PVT) LTD	M/S DYSIN AUTOMOBILE (PVT) LTD
M/S UNITED MOTORS (PVT) LTD	M/S HYDUNAI NISHTAT MOTOR (PVT) LTD
M/S PREMIER MOTORS LTD	M/S AL- HAJ BUS COMPANY (PVT) LTD
M/S MASTERS MOTORS LTD	M/S TOPSUM MOTORS & MOTORS ENGINEERING SERVICES(PVT) LTD
M/S SINOPAK E-MOTORS (PVT) LTD	M/S UNIVERSAL MOTORS (PVT) LTD

## New Entrants under ADP 2016-21

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*M/s United Motors (Pvt) Ltd, Lahore, Product Line: Passenger Cars 800 CC and LCVs (Pickup) 1000 CC*



*M/s Foton JW Auto Park(Pvt). Ltd, Lahore, Product Line: LCVs, VAN and SUVs*



*M/s Regal Automobile Industries Ltd, Lahore, Product Line: LCVs, VAN and SUVs.*





*M/s. Hyundai Nishat Motor (Pvt) Ltd, Faisalabad Product Line: Passenger Cars, LCVs and SUVs.*



*M/s. Kia Lucky Motors Pakistan Ltd, Karachi, Product Line: Passenger Cars, LCVs and SUVs*



*M/s. Khalid &Khalid Holdings (Pvt). Ltd, Rawalpindi. Product Line: HCVs*



*M/s. Master Motors Ltd, Karachi, Product Line: Passenger Cars, SUVs, HCVs and JEEPs.*



*M/s. Sazgar Engineering Works Ltd, Lahore,Product Line: Passenger Cars, SUVs and JEEPs.*



*M/s. Dewan Farooque Motors Ltd, Karachi, Product Line: LCV & SUV*



*M/s. Ghandhara Nissan Ltd, Karachi. Product Line: Passenger Cars & SUVs (Go Cross)*



In addition, under Brownfield category, two closed down units have been revived namely;

1. M/s Dewan Farooq Motors
2. M/s Ghandhara Nissan Ltd

Six new entrants namely M/s KIA Lucky Motors Pvt Ltd, M/s United Motors (Pvt) Ltd, M/s Regal Automobile Industries Ltd., M/s Foton JW Auto Park (Pvt) Ltd, M/s Master Motors Ltd and M/s Hyundai Nishat Motor (Pvt) Ltd are already in production.

### **Accession to WP-29**

Under Automotive Development Policy 2016-21 adoption of WP-29, which is a set of harmonized regulations for automobiles of United Nations Economic Commission for Europe (UNECE) was pursued. EDB has been mandated to execute adoption of Working Party (WP)-29 safety regulations. Pakistan has officially joined the WP-29 forum in April 2020. Enforcement of WP-29 shall ensure compliance of certain UN regulations by local

manufacturers which will help the car manufacturers to achieve economies of scale and enter into export market.

### Other Meetings

- A meeting on WP 29 was arranged via Zoom in September, 2020 with the stake holders.
- Second consultative meeting on adoption of United Nations Economic Commission of Europe (UNECE) WP- 29 Regulations was held on December 11, 2020 via Zoom with the stake holders.

## Automotive Industry Development & Export Plan

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Introduction of new automobile manufacturers/makes under the ADP (2016-21) is expected to improve the market situation including availability of cars, reduction in prices. It will also offer vehicles to the general public which will have quality, safety and environmental features. Preparation of Automotive Industry Development & Export Plan AIDEP (2021-26) has been initiated by EDB as a follow on to the Automotive Development Policy (2016-21); which is expiring in June, 2021.

### Others Meetings

- A consultative meeting with stakeholders on Automotive Industry (2-3 Wheelers) Development and Export Plan (AIDEP 2021-26) was held in EDB Complex in September , 2020.
- A consultative meeting with stakeholders on Automotive Industry at (2-3 Wheelers) Development and Export Plan (AIDEP 2021-26) was held in October, 2020.

## AIDC Activities

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AIDC meetings included agenda related to Electric Vehicle and New Technology Policy formulation, discussions on achievements of AIDP 2016-21 and other Automotive Industry related matters.

Meeting	Date
<b>32<sup>nd</sup> AIDC Meeting</b>	April 23, 2020



<b>31<sup>st</sup> AIDC Meeting</b>	March 12, 2020
<b>30<sup>th</sup> AIDC Meeting</b>	January 16, 2020
<b>29<sup>th</sup> AIDC Meeting</b>	November 29, 2019
<b>28<sup>th</sup> AIDC Meeting</b>	June 19, 2019

## EV Related Meetings

EVs Policy draft prepared by MoCC (May 29, 2019). EV Draft discussed as agenda of 28<sup>th</sup> meeting of AIDC held on 19<sup>th</sup> June, 2019. MoIP notified a committee for EVs on 5<sup>th</sup> September, 2019 in pursuance to Cabinet's decision dated 21<sup>st</sup> August, 2019 for formulation of EV policy. Stakeholders' proposals were consolidated and discussed and finalized in the 30<sup>th</sup> AIDC held on 16<sup>th</sup> January, 2020 Chaired by Advisor to Prime Minister on Industries and Production. These proposals were endorsed in 31<sup>st</sup> AIDC meeting held on 12<sup>th</sup> March, 2020. The finalized proposals were circulated among stakeholder and online meetings were held with stakeholders on 31<sup>st</sup> March, 2020 and 1<sup>st</sup> April, 2020. Federal Government constituted a high level Inter-Ministerial Committee to discuss the subject policy at length before submission to ECC of the Cabinet. First meeting of the committee was held on 6<sup>th</sup> April, 2020 under chairmanship of the then Advisor on Industries and Production. Meeting of ECC of the cabinet on Electric Vehicle Policy was held on 10<sup>th</sup> June, 2020 and ratification of the decision was done on 19<sup>th</sup> June, 2020

## Mobile Device Manufacturing Policy

<b>Meeting</b>	<b>Date</b>
Mobile Device Consultative Meeting	January 01, 2020
Mobile Device Manufacturing to Chairman BoM	February 11, 2020 and February 13, 2020
Mobile Device Consultative Meeting	January 07, 2020

The policy document was deliberated & approved in principal in Economic Coordination Committee (ECC) of the Cabinet	May 13, 2020
The policy document was deliberated & approved in ECC of the Cabinet	May 21, 2020
Mobile Policy ratification by the Cabinet.	June 02,2020

# **CHAPTER – II**

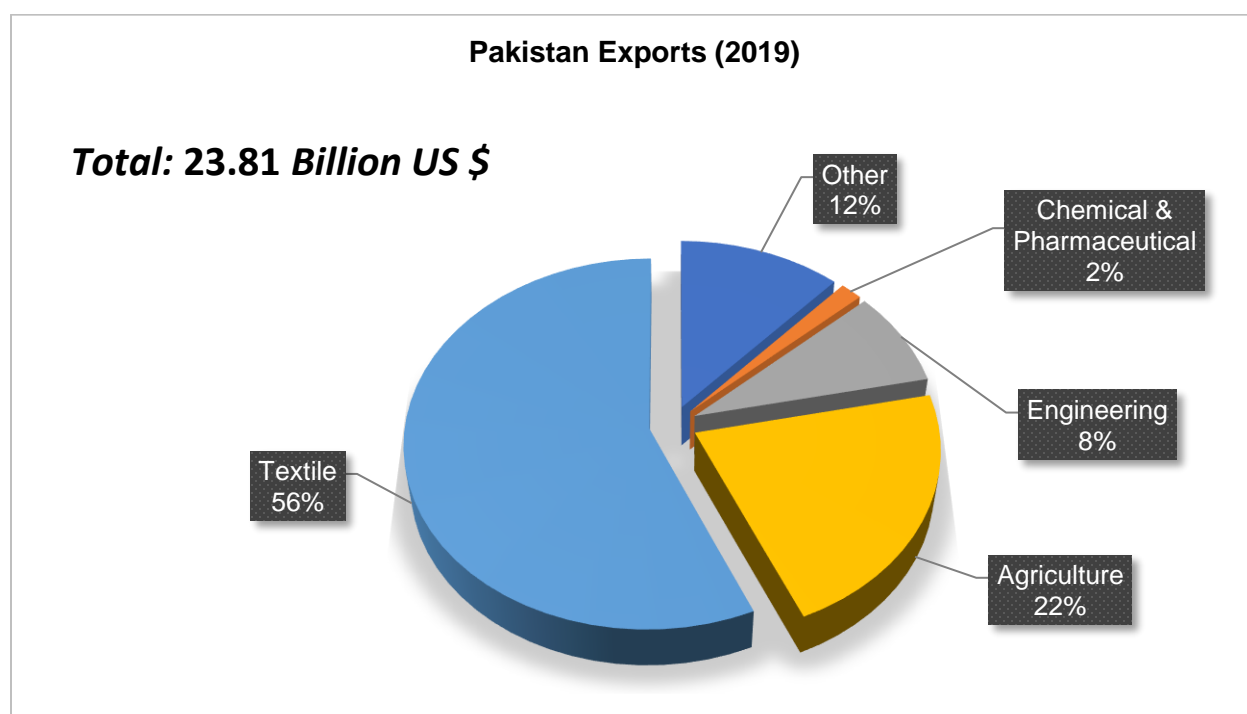
## **BUSINESS DEVELOPMENT GROUP**

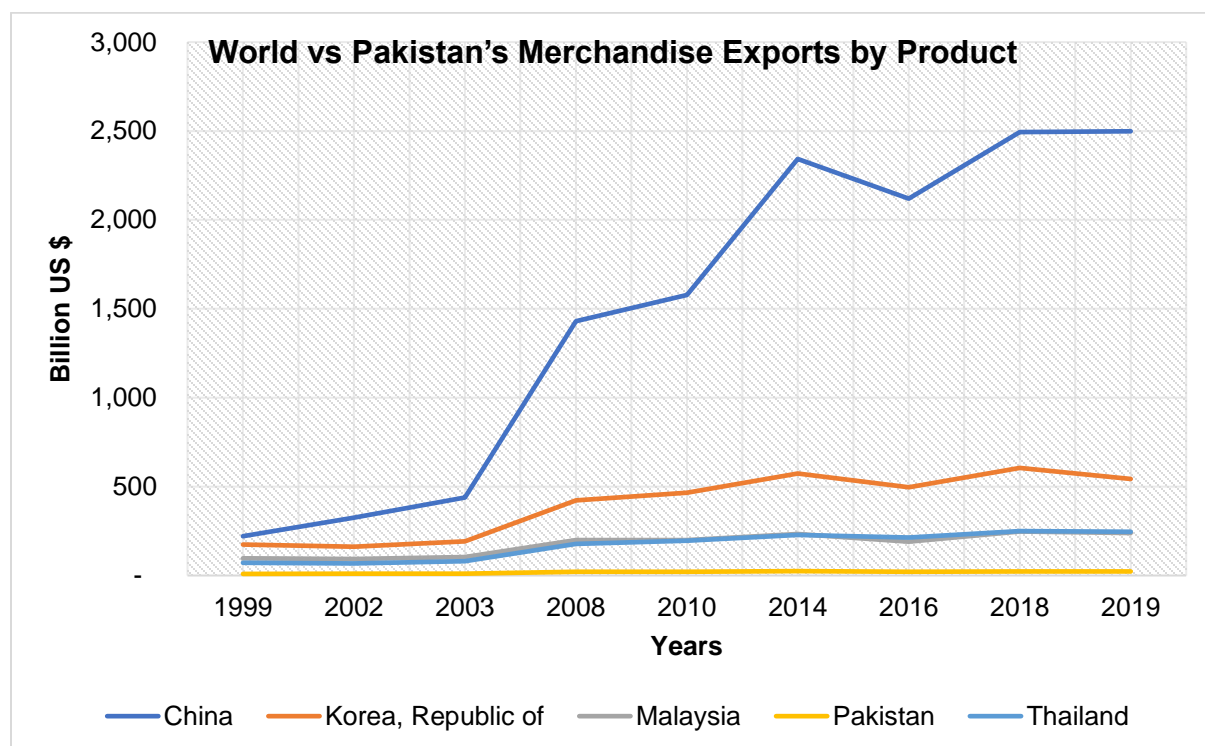
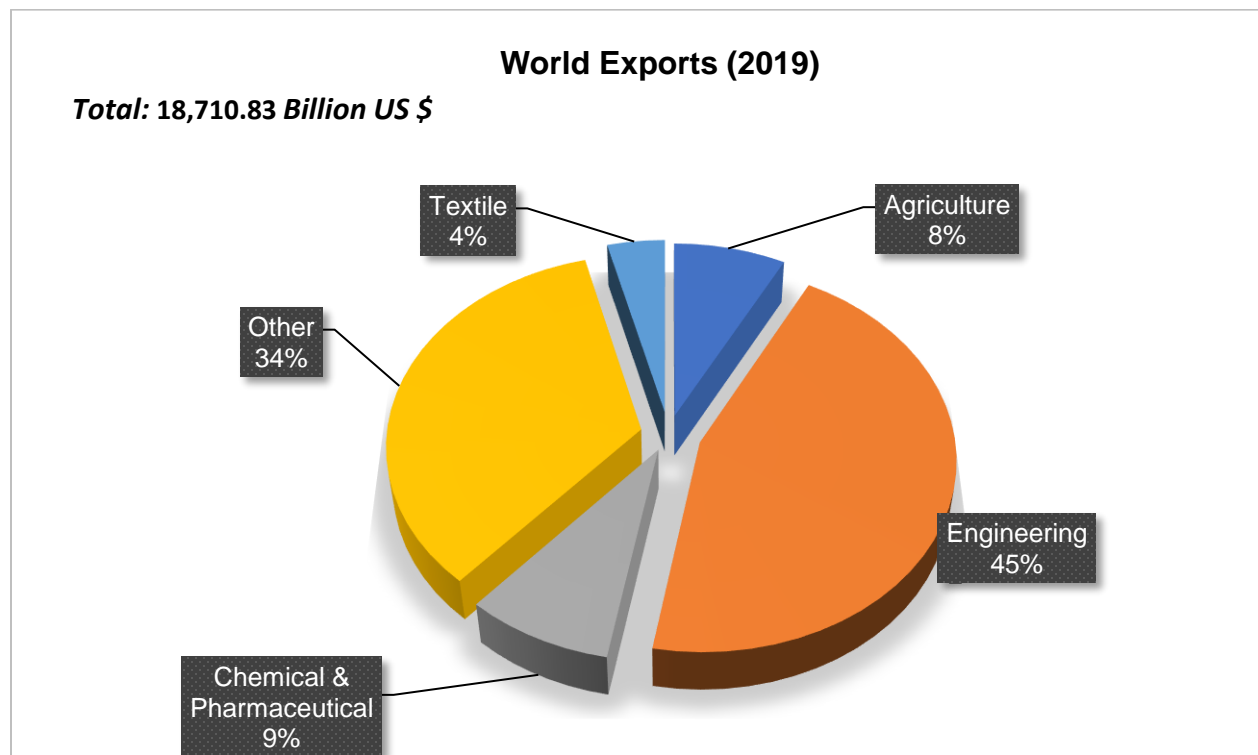
## Export Enhancement of Value Added Goods/Items

With a view to increase the share of value added engineering product export, EDB initiated consultations with various stakeholders of engineering sectors. Initially, Power & Energy Equipment, Capital Goods, Electric Motors & Pumps, Cutlery & Utensils, Sanitary Fittings, Auto Parts and Domestic Appliances were approached for detailed discussions on issues faced by respective sectors for export enhancement.

The discussions were focused on the global size of exports, potential markets, major incentives available in the competing countries and the challenges faced by stakeholders regarding the policy framework, banking and market access requirements.

The problems being faced by the industry regarding availability of raw material, lack of certifications & standardization required to compete in the international markets, issues in utilizing SBP's Export Financing Schemes, lack of accredited Testing Labs in the country came out to be the major hindrances in improving supply of local products to the global market. The stakeholders were of the view that the procedure of DTRE is cumbersome and needs to be simplified to suit the requirements of engineering sectors.





EDB started interactive sessions with the relevant departments to resolve issues of Exporters and had meetings with the State Bank of Pakistan on the following issues:

### **1. Facilitation Required in Existing Rules & Regulations**

- Long Term Financing Facility (LTFF)
- Export Finance Scheme (EFS) I & II
- Markup rates in EFS - I & II
- Retention in special foreign currency accounts
- Credit for the high risk countries
- Temporary Economic Refinance Facility (TERF)
- Facilitation for remittances through banking Channels against Service

### **2. EXIM Bank Related Services**

- For protection against unforeseen losses there should be provisions for risk coverage in respect of bid bonds and performance guarantees.
- No mechanism exists for furnishing BID BOND / PERFORMANCE BOND for major plant & equipment / EPC projects valuing millions of dollars.
- SBP to allow raising of international capital against corporate guarantee for pioneering nature projects i-e manufacturing of windmills, construction machinery, hydropower machinery etc or where export potential is high but capital is not available with local banks.
- Engineering service companies have limited collaterals available, can't give bid bonds etc to avail facilities, RF facility is provided against pledging contracts/agreements as collateral on a discounted rate (5%).

In order to address all the above issues, operationalization of EXIM Bank is essential.

### **3. Support for Refund Claims**

- Creation of a fund for immediate payment of refund claims to the exporters.
- Online payment system to be established for immediate refunds.
- Arrangement to be made for factoring/post Shipment financing using credit insurance based on LIBOR+1.5%+ country risk insurance fees by local banks.

Furthermore, Engineering Services sector was added in the list for export facilitation in order to explore huge potential for exporters. Meetings with the management of EXIM Bank were also initiated to provide facilitation to Engineering Sector through various regimes which shall be offered by EXIM Bank for the exporters.

During the meetings with the stake holders organized by Business Development Group (BDG), discussions were held to firm up strategies to overcome the issues highlighted by the Stakeholders and Sectoral Committees that are hindering the development and export of engineering goods.



**Meeting with Power & Energy Equipment Sector**



**Meeting with Cutlery & Utensils Sector**

Major issues included:

- Issues related to Tariff Restructuring, as in some cases inputs are at higher rate than the rate of duty on finished goods.
- Removal of RD/ACD on input materials.
- Implementation of SRO 827(I)/2001
- Updation of CGO-02/2017
- Compliance of CGO-02/2017 on import of power equipment of 25MW and above.
- Addressing the issue of Smuggling of Engineering Goods in Pakistan.
- Separate DTRE Scheme for export of Engineering Goods.
- Review of EOU Rules and other export schemes.
- Review of Duty Drawback (DDB) rates for Engineering Sector.
- Establishment of accredited testing labs wherever required.
- G2G facilitation for enhancing export especially in OECDs.
- Provision of DDB on imports under FTAs
- Utilization of Export Development Surcharge (accumulated from Engg. sectors export) for participation in International Trade Fairs and Delegation.
- Research on aftermarket exportable products/parts and components.
- EDB to arrange awareness sessions on potential available in FTAs/PTAs and incentives available for local manufacturing and exports.
- Pakistan's Foreign Missions to explore international markets & penetration.
- Establishment of Export Facilitation Center in EDB.
- Access to PRAL import and export data (company wise).



- Duty & Sales Tax exemptions /adjustment on local purchase by sub vendors for export.
- Provision of SBF financing at low mark-up rate for investment/BMRE for the industry.
- Restriction on export of Aluminum, Brass & Copper materials to ensure availability for local markets.



**Meeting with Pumps & Motor Sector**



**Meeting with Capital Goods Sector**

Based on the stake-holders recommendations, EDB pursued to resolve the issues at various platforms.



**Briefing to CEO by GM (BDG) on Sectoral Planning & Export Enhancement Exercises**

## **Fan Sector's Trade Delegation's Visit to Vietnam**

In its efforts to enhance export of value added products from Pakistan, BDG organized a nine member Trade Delegation's visit to Vietnam from 18<sup>th</sup> – 25<sup>th</sup> December, 2019. The visit was arranged on invitation of Pakistan Embassy – Hanoi. The trade delegation also visited "Vietbuild-29 Industrial Exhibition" held in Ho Chi Minh City related to white goods to explore possibilities of exporting fans to Vietnam and other countries in the region. The trade delegates from domestic electric fan sector held several B2B meetings with different companies including M/s Co. Phat Mechanical Manufacturing

Company (COPHACO) which is one of the prominent manufacturers of electric fans in Vietnam. The company is exporting to USA, Thailand and Korea. They intended to import light fans from Pakistan to supply in Vietnam with increasing demand of luxury light fans in resorts, hotels and spas. Their meetings were also arranged by EDB with Vietnam Chamber Of Commerce and Industry.

Mr. Nguyen Van Tuan, Director of International Relations Department, Vietnam Chamber of Commerce and Industry shared the potential opportunities during meeting for fan manufacturers of Pakistan in the South of Vietnam, especially HCMC due to their dry and hot season throughout the year.

The trade delegation also visited M/s Caribbean Motor Manufacturing Factory. Moreover, the Pakistan's delegation also held meeting with Mr. Luu Tri, Director General Nghe Nang Industrial Co. Ltd and visited industrial fan manufacturing factories of Nghe Nang Co. Ltd (IFAN) in Vietnam. The delegates were optimistic for Pakistan's Fan Industry that they can penetrate the Vietnam market and enhance exports volume as the businessmen of Vietnam have shown keen interest for import from Pakistan. The delegates held B2B meetings with other relevant stakeholders and highlighted Pakistan's engineering capabilities and capacities. In its efforts to enhance export of value added products from Pakistan, BDG's initiative is expected to act as a driving force for a sizeable growth in engineering goods exports potential of the country.



**Trade Delegation Visit to M/s Caribbean Motor Manufacturing Factory**



**Trade Delegation Visit to Vietnam M/s Co. Phat Mechanical Manufacturing Company (COPHACO)**

# 1<sup>st</sup> Africa Trade Development Conference – Nairobi, Kenya

BDG arranged twenty Member Trade Delegation from engineering sub-sectors to participate in 1<sup>st</sup> Pakistan-Africa Trade Development Conference in Nairobi, Kenya held



from 30<sup>th</sup> to 31<sup>st</sup> January, 2020. The Engineering Sector Delegation was led by the Chairman EDB, Mr. Almas Hyder. Former Foreign Minister, Mr. Shah Mahmood Qureshi and Former Adviser for Commerce, Textile, Industry & Production and Investment, Abdul Razak Dawood led Pakistani delegation.

The conference was a major initiative, under '**Look Africa Policy**' of Government of Pakistan to bring together public and private sectors at one place in order to interact and explore the opportunities for enhancing trade and investment. The Conference aimed to provide a platform to build networking among public and private partners as well as capitalize upon the opportunities for enhanced and diversified trade between Pakistan and Africa. The prime objectives of the Pakistan-Africa Trade Development Conference were:

- To Provide a potential opportunity of networking to potential exporters from Pakistan and importers in Africa.
- Focus on Africa in general and on East Africa in particular as new frontiers for exports.
- Awareness of African business community about potential opportunities of trade and investment in Pakistan

A dedicated B2B Secretariat of 100 meetings arrangement for every product was established separately the venue of the Conference for Pakistani and African delegates. Having productive sessions during the course of the Conference, around 10 Pakistani



firms also visited their Kenyan counterparts in the following days. The Commercial Section, PAHIC Nairobi received regular enquiries from Pakistani and African delegates/firms to facilitate more business meetings and contacts even after the conclusion of the PATDC. Potential delegates from Uganda and Rwanda has also requested for single country exhibition of Pakistani products in their respective countries at opportune time. Advisor for Commerce also conducted many G2G and G2B meetings with the heads of various organizations.

**Immediate Benefits:**

- The first major step under the 'Look Africa Policy' initiative proved very successful as a structured entry was made into the African Continent after long period of time.
- An elaborate media and publicity campaign for one month leading to the Conference and promotion blitz made PATDC a buzz word in the region. The subsequent turnout of the businessmen enhanced the soft image of Pakistan in the eyes of the public at large.
- The event was a huge success as more than 600 public and private firms participated in the event which is an encouraging number to change future outlook of the mutual relationship between Pakistan and African region.
- Pakistani businessmen were introduced into African continent in organized manner thereby dispelling the wrong impression of Dark Continent.
- The communities on both the sides witnessed highest level of interaction between the states which has proved catalytic for exploration of business opportunities and providing boost to the engagements.
- Profile of Pakistani businessmen and exporters were shared with almost all participants from African countries for fruitful interaction in future thereby depicting Pakistan as a land of opportunities and destination for fruitful investment.

## 5<sup>th</sup> Virtual High Council Meeting (HCM) Of D-8 Technology Transfer and Exchange Network (TTEN)

Developing-8 is a development cooperation organization of Bangladesh, Egypt, Indonesia, Iran, Malaysia, Nigeria, Pakistan and Turkey. The mandate of D-8 is to improve the standing of Member States in the global economy, creation of trade opportunities and promotion of international cooperation in the fields of food security, trade, transportation, energy and tourism etc. The special focus of D-8 is to scale up technological cooperation among the member states. To achieve this end, the Technology Transfer and Exchange Network (TTEN), provides an enabling framework of cooperation for the Member States.



**D-8 Member States Representatives Attending Virtual the 5th Virtual High Council Meeting (HCM) Of D-8 Technology Transfer and Exchange Network (TTEN)**

Engineering Development Board (EDB) being the secretariat of D-8 TTEN, organized the 5<sup>th</sup> Virtual High Council Meeting (HCM) Of D-8 Technology Transfer and Exchange Network (TTEN) on 22<sup>nd</sup> December, 2020 in coordination with the Ministry of Industries & Production, Ministry of Foreign Affairs, Ministry of Science & Technology – Pakistan along with the D-8 Secretariat – Istanbul and D-8 TTEN Secretariat – Tehran, Iran. The theme of the



**EDB hosting the 5<sup>th</sup> High Council Meeting**

conference was “Scientific Development and Technological Innovations in D-8 Member Countries”. The objective of the meeting was to develop and strengthen D-8 technological cooperation network and to support creating a synergy for technological collaborations amongst Member States. Mr. Raza Abbas Shah, CEO – EDB welcomed the delegates of participating Member States and appreciated the efforts of Ministry of Foreign Affairs and D-8 Secretariat for joining hands with EDB to make the event a success. While briefing the forum, he stated that latest scientific developments and technological innovations serve as the cornerstone of sustainable development and urged D-8 member states to initiate bilateral cooperation activities in the spheres of science and technology, with a view to brainstorm innovative ideas to strengthen technological interventions.

The Secretary General, D-8, Secretariat, Istanbul, Dato’ Ku Jaafar Ku Shaari, in his message highlighted the pressing need for adoption of technological frameworks to help foster inclusive and sustainable economic development within the Member Countries. He asserted that promotion of research and development is the central requirement for enhancing technological cooperation in the arena of 4<sup>th</sup> Industrial Revolution. Success stories of D-8 Secretariat to accomplish technological cooperation were highlighted during the conference in order to cope up with challenges of modern development based on technological collaboration in the global value chain. Pakistan had earlier organized D-8 Summit of Head of States of Member Countries on 22<sup>nd</sup> December, 2020 at Islamabad

Mrs. Raazia Shakir, Focal Person of D-8 TTEN from Pakistan & General Manager



**Raza Abbas Shah CEO-EDB, Mrs. Raazia Shakir General Manager - BDG & team, Mr. Shafqat Abbass Section Officer - (MoIP) and Fareed Bakhtiar, Senior Research Officer - (MoST)**

(BDG)-EDB went through the Agenda/Programme of the meeting and requested the platform to adopt the Agenda. She then requested the country representatives of Member States to present their presentations on the subject. Focal person from Bangladesh, Dr. Md. Sarwar Jahan, Head of Delegation and Director-Ministry of Science & Technology, gave a brief introduction of national research institutes (mono-disciplinary and multi-disciplinary) are playing active role in developing technology and technology transfer in industrial sector in major R&D areas such as chemical metrology, mining, mineralogy and metallurgy, nontechnology, pharmaceutical chemistry, glass, ceramics and building materials. Bangladesh centre for technology transfer and innovation focuses on networking with organizations and companies alongside commercialization within the country and other foreign bodies.

Focal person from Iran, Mohammad Saleh Khaleghi gave an overview of the Hi-tech Zones in Iran. These zones include technology incubators and technology parks. Pardis Technology Park was one of their projects established to encourage and support hi-tech companies to increase their ability to compete in the international world market. Iran National Techno mart Network Technological exchanges include marketing for knowledge base goods, Investment on startups or investment inventors and solution for technological needs. The international Innovation and Technology Exhibition (INOTEX) is the premier regional event for professionals engaged in technology and innovation. Leading governmental organizations of Iran are the partners behind INOTEX. The event is held on a yearly basis and peruses 3 goals; investment, conversation & networking and partnership.

Dr. Amr Radwan shared the Progress of Research, Technology and Innovation In Egypt. They have been working on Comprehensive database of innovations & SMEs innovative products along with Innovation enablers & Stakeholders database to establish an ecosystem where innovation is open for all.

Dr. Noor Azlina Binti Ariffin explained the Malaysia's Research, Development & Commercialization Initiatives. Malaysia has developed a National Science, Technology & Innovation Policy 2021 – 2030 (NSTIP), with the basic principle to establish Collaboration between Government – Industry – Academic – Society. They have also taken immediate action via local R&D and innovation to fight COVID-19 and developed their own autonomous delivery robot for hospitals.

Malaysia's National Technology and Innovation Sandbox (NTIS) allows innovators to test their products, services, business models and delivery mechanisms in a live environment with relaxations on all or specific processes and/or regulatory requirements. Technology Park Malaysia has different facilities available ranging from Engineering design and solution, CNC machining, rapid prototyping and manufacturing service, provision of network services to project management and consultancy for ICT

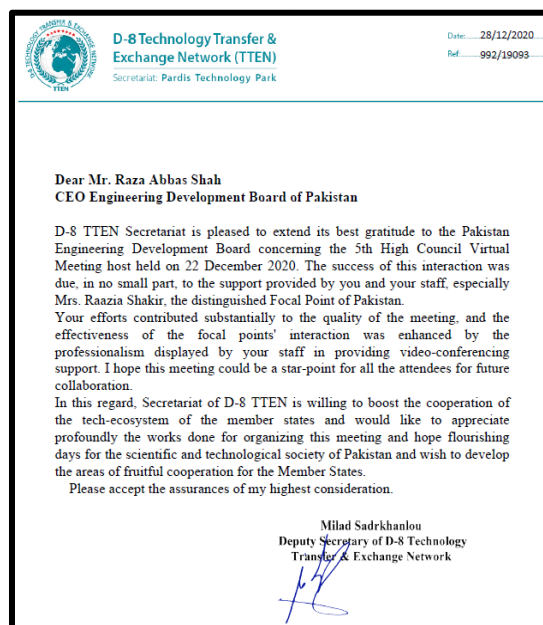


entrepreneurs. They also have product development, laboratory services, manufacturing and commercialization of nutraceutical and natural products and especially provide nurturing and facilitations to start-up's/SMEs for innovation and commercialization, rental of business premises for scientists, researchers, technopreneurs and SME's.

Pakistan's Ministry of Science and Technology also presented Technology Foresight (TF) Studies & Policy Documents. PCST has carried out studies in the field of Electronics, Industry, Health & Pharmaceuticals, Automotive sector etc. Funding for increasing absorptive capacity, tax incentives for firms to integrate into Global Production Net-works, international trade agreements to ensure technology transfer and incentives to achieve reverse brain drain. Establishment of 3 New Centers of Excellence [Under Pak University of Engineering & Emerging Technologies (PUEET)] in the fields of Artificial Intelligence and Machine Learning, Industrial Biotechnology, Microelectronics Engineering are some of the accomplishments by Pakistan MoS&T. Pakistan has also undertaken COVID-19 (Special Initiatives) for production of Personal Protection Equipment (PPEs), Production of Sanitizers, Ventilators and Corona Testing Kits.

Mrs. Raazia Shakir gave a brief presentation on the latest Mobile Device Manufacturing Policy and Electric Vehicle Policy recently introduced by Pakistan. Turkey's representative, Dr. Esra Saglam focused on the country's Transformation in R&D and Innovation Processes, Directing Policy Tools towards Achieving Impact such as Economic, Social and National Security. They have been working on Impact Oriented Co-Creation Models for the Ecosystem - Mobilizing the R&D and innovation accumulation within the scope of co-creation models. The approach of co-creating and succeeding together is advancing the R&D and innovation performance of our ecosystem towards higher achievement in line with future targets in areas like 3D Printers, Advanced Material Technologies etc. For that purpose, Outstanding Research Fellows Are Integrated with the Ecosystem has been established. Under their Global View of Bilateral / Multilateral Scientific and Technological Cooperation, 402 Ongoing International Cooperation Projects with the purpose of Joint Research and Innovation Projects, Scientific Activities and Researcher Exchange.

Mr. Raza Abbas Shah, CEO-EDB-Chairman of the meeting thanked all the participants for being a part of the Virtual 5<sup>th</sup> High Council Meeting (HCM) of D-8 TTEN. He



appreciated the efforts of all the organizations and individuals involved in making this event a success.

A letter of appreciation was also issued by the D-8 Secretariat to commemorate the efforts of Engineering Development Board and Mrs. Raazia Shakir, Focal Person of D-8 TTEN from Pakistan & General Manager (BDG).

**Way Forward:**

BDG shall be in touch with D-8 Secretariats to further initiate activities to establish linkages with the relevant organizations in the member countries and define road map for future collaboration to make this platform more effective and beneficial.

## **EDB's participation in the 16<sup>th</sup> Edition of Pakistan Auto Show (PAPS) 2020**

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BDG participated in Pakistan Auto Show (PAPS) 2020 organized by PAAPAM in International Expo Centre, Lahore from 21st-23rd February, 2020. Mr. Almas Hyder, Chairman, BoM-EDB, along with FPPCI President, Mr. Irfan Iqbal Sheikh and former president FPPCI, Anjum Nisar, inaugurated the show. The theme of this year's show was "MAKE IN PAKISTAN".



Hasan Mansha, CEO - HNMPL, Almas hyder ,chairman - EDB, Anjum Nisar, President - FPCCI, Capt R akram Chairman - PAAPAM, Irfan iqbal, President - LCCI, Syed Nabeel Hashmi, Cheif Organizer - Pakistan Auto show at the Event Inaugural ceremony of Pakistan Auto Show 2020 in Lahore.

The show faceted 100 plus exhibitors, comprising local and international OEMs and auto parts manufacturers and related industries, particularly new entrants like Hyundai Nishat, Sazgar Engineering Works, Master Motors etc. displayed their new variants.

EDB had set up a stall at the Auto Show to represent the Government of Pakistan. EDB's stall was a source of information for domestic as well as international engineering companies who were exploring possibilities of finding out Trading Partners in Pakistan. The management of EDB gave a detailed briefing to the incoming visitors on the prospects of investment in the Automobile sector in Pakistan under the auto-policy regime. The Auto Show was an excellent platform to showcase the latest technologies used by the local automotive players, contribution of auto assemblers in the development of Pakistan's economy, indigenization levels and representation of automotive eco system under one roof.

During the event, EDB had detailed meetings with various auto companies like Service Industries Ltd., Sazgar Engineering Works, Darsons Industries, TM Rubber Pvt Ltd. Hawks Engineering Services Pvt Ltd., Western Industries, Skyhigh Industries Pvt Ltd, Alsons Auto Parts Pvt Ltd., Thermosole Industries, Mannan Shahid Forgings Ltd etc. with reference to export enhancement of engineering sub sectors value added goods.

EDB received an overwhelming response from the industry stakeholders and diverse consumer segments. Several queries were also received and many business members linked to various industries for supply of auto parts and components. On the sideline, 1<sup>st</sup> edition of Symposium 2020 was also held, wherein stakeholders from Auto Part Manufacturers, Original Equipment Manufacturers (OEMs) and Academia presented their insights for sustainable growth and gave suggestions for policy realignments in the auto sector.

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## **Digital Transformation of EDB**

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Aligning itself with the Government of Pakistan's vision of a digital nation, EDB is working towards developing a concise and even tailored digital network within the organization. EDB aims at creating a knowledge bank and a central repository of the huge available data. This would result in ease of operations at various levels in the organization alongside streamlining the working procedures.

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## **Export of Personal Protective Equipment**

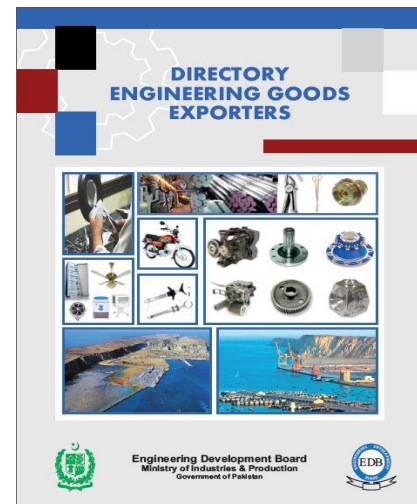
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The Government of Pakistan formally allowed exports of Personal Protective Equipment (PPE) and some companies have already applied for international certification from EU

and US, FDA to export their products to international markets. EDB has developed a database appending all the PPE manufacturing companies in the organized sector. The local manufacturers have a vast product line including full body suits, hand sanitizers, gloves, N95 masks, surgical masks, face shields, disinfectant walk through gates and medical gowns. Portable ventilators, plasma air sterilizers, different parts for ventilators and thermal scanners being manufactured in Pakistan. EDB aims to facilitate the PPE manufacturers, resolve issues and prepare the companies for integration in the global supply chain.

## Publication of EDB's Directory of Engineering Goods Exporters

BDG has published EDB's Directory of Engineering Goods Exporters 2020 Edition with the prime objective to promote B2B linkages with counterparts of related domestic as well as international engineering companies to boost up exports from the country. The directory contains company profile, year of incorporation, core of competence, number of employees, contact information and exports destination of more than 200 Pakistan's engineering goods and services exporters. This important compilation would act as a tool to enhance the scope of trade activities and providing opportunities for business development in Pakistan.



## Publication of Industrial Bulletin

Business Development Group of EDB initiated the quarterly publication of "Industrial Bulletin". EDB's Industrial Bulletin was a step towards highlighting the initiatives being undertaken by EDB for development and promotion of the engineering sector of Pakistan. Value Added Engineering Sector has a large capacity and capability to contribute towards economic development of the country; therefore, concerted efforts are required to



strengthen it. This Industrial Bulletin and many more to come will serve as a platform for all the stakeholders to share their innovations/new ideas and would be a good source of information for all to read. The need to project the “Engineering Face of Pakistan” and to reflect the core competences of the industry is what derived this effort. The bulletin highlighted all the recent accomplishments of the organization.

## **Webinar on Investment Opportunities for United Arab Emirates (UAE) in Pakistan**

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CEO-EDB and GM (BDG) were invited as special guests to brief the audience on investment opportunities in Pakistan in a webinar arranged by RAKEZ-UAR on the 24<sup>th</sup> of September, 2021. GM (BDG) gave a detailed presentation on Investment opportunities in Pakistan with the objectives to attract foreign capital, technology, modern management skill & for export led industrial growth, provide local employment opportunities and to upgrade their managerial and technical skills, increase the foreign exchange earnings of the country by export of value added items and create a source of supply for such components and parts as are imported for domestic needs import substitution. She briefed the forum on specific Investment Opportunities in Engineering Sector including Automobile Industry (Tractor Industry, Motorcycle and Auto Parts) Iron & Steel, Home Appliances, Capital Goods, Agriculture Equipment, Energy, Light engineering, Electric Fans, Pumps & Motors, Medical/Surgical Equipment and Cutlery & Utensils.

Available opportunities for investors for Manufacturing of High Voltage transmission and distribution Equipment, establishing product testing labs for International Certifications, Domestic appliance and other value added sector were discussed.

The presentation also included the guiding Principles of Pakistan's Investment Policy, salient features of Electric Vehicle (EV) Incentive and Mobile Device Manufacturing Policy. GM (BDG) also covered China-Pakistan Economic Corridor (CPEC) projects, investment and trade potential of Small and Medium Enterprise (SME) in various sectors.

## **Webinar on Trade Laws and Business Related Regulatory Framework of Nigeria**

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GM (BDG) was invited to speak on behalf of EDB in a webinar arranged by Trade Development Authority of Pakistan and Trade and Investment Wing of the High Commission of Pakistan in Nigeria. The authorities organized a webinar on trade and business related regulatory framework of Nigeria on 29th October, 2020 under the Look

Africa Policy Initiative of the Ministry of Commerce. Leading speakers were from Nigeria, Ministry of Commerce, and State Bank of Pakistan, Engineering Development Board and Pakistan Business Council Dubai were invited to speak. GM (BDG) gave a detailed presentation on Export Potential of Value Added Engineering Products to Africa.

Engineering Sectors of Pakistan i.e. White Goods/Sanitary

Fittings/LED lights, Electrical Machinery & Equipments/ Wire & Cables/Conductor/ Energy, Meters, Automobiles /Parts &

Component/Batteries/ Tyre & Tubes, Tractor/Farm Machinery & Equipments, Cutlery, Utensils/Surgical Instruments, Domestic Fans/ Industrial Fans, Pumps/Motors/Valves/ Pipes, Capital Goods Industry, Defense Products and Engineering Services, have huge potential of exports to Africa and other countries.

Barrister Akin Sanda, Corporate Lawyer and Trade Dispute, Settlement practitioner Nigeria, briefed the audience on the Trade Laws and Business related Regulatory Framework of Nigeria along with other important aspects such as taxation, Foreign Investment Approval Processes, Business registration with NIPC (NIPC Act 1995) and Business Permit approval. Ms Maria Kazi, Joint Secretary, Ministry of Commerce, briefed on the Look Africa Policy Initiative and cooperation initiatives by MoC with major African economies. During his presentation, Muhammad Sajjad, Sr Joint Director, pointed out State Bank of Pakistan Banking Channel issues in Africa region and efforts being made by State Bank of Pakistan.



## **Virtual Meeting between Pakistan South Africa Trade Federation (PSATF), Engineering Development and Representatives of the Local Industry**

BDG arranged a virtual meeting with PSATF in an effort to explore the possibilities of exports of white goods to African Region.

Mr. Adnan Javaid, Acting High Commissioner of Pakistan, acknowledged that Pakistan has an edge of low labor cost thus can compete in the region. He added that continuous

efforts are being made to support Pakistani exporters in Africa and a 'Pak-Africa Trading Centre' shall be established till March 2021 for which efforts are underway to get maximum companies registered. According to him, South Africa is the second largest economy in Africa. China has a major market share as a supplier of domestic appliances in there.

The demand for electronic items is vast. Mozambique is a price conscious market with Chinese brand TCL being the leading brand while LG is offering medium and high priced products. 80% of goods imported by Swaziland come from South Africa. Imports of Swaziland are \$1.8 billion out of which



\$760 million are of electronics items. The way forward concluded from the meeting was that PSATF shall join hands with EDB to create awareness among the industries for scope of business activities in the region and for getting more Pakistani Businesses to get registered with various available platforms in Africa.

The platform reiterated for making Africa a hub for Pakistani white good products. The basis should be to create a niche market. PSTAF has been requested to share Market information with EDB to coordinate for devising a market penetration strategy with the manufacturers. PSATF was requested to guide for a solution to sort out African Banking Channels Issues due to which most of the exporters are reluctant to approach this market.

## **PBC Webinar on Enhancing Pakistan – Japan Economic Ties**

Mr. Almas Hyder, Chairman BoM, Mr. Raza Abbas Shah, CEO and Mrs. Raazia Shakir, G.M (BDG) represented EDB in a virtual meeting organized by Pakistan Business Council (PBC) on Wednesday, 18<sup>th</sup> November, 2020, which was chaired by Mr. Saqib Sherazi, Chairman PBC. The chairman explained the needs and requirements for enhancing exports of Pakistan for attaining sustainable economy. Mr. Imtiaz Ahmed (Pakistan's Ambassador to Japan) highlighted their Pakistan and Japan are working on many projects to enhance bilateral trade relationships and the agreements will soon be finalized.



Consequently, trade and investment opportunities will increase and relations will be strengthened between the two countries. These agreements include sending skilled workers and qualified engineers to Japan. IT sector trained staff has a huge demand in Japanese market and Pakistan can avail this opportunity. Japanese investors have also shown interest in various sectors of Pakistan such as marble industry, sea food processing plants, etc. Many companies are even considering relocating to Pakistan from Japan.

Trade and Investment Councilor in Japan, emphasized the importance of standards and certifications for exporting to Japan. All engineering products have specific certifications and standards that must be complied for exporting goods to Japan.

### Other Tasks:

- BDG attended meeting on COVID-19 for development of local manufacturing of Medical Devices and health equipments, PPEs on May 11, 2020. The meeting was arranged by GM (SDG) and chaired by CEO-EDB through online meetings with the concerned stakeholders of the engineering industry.
- GM (BDG) has taken initiative and sought proposals from domestic Trade Associations/ Engineering Industry for formulation of technical skills development plan for engineering industry. In this context, BDG has issued letter wherein it has been requested to furnish their requirements in various trade disciplines enabling EDB to devise a plan in coordination with relevant stakeholders.
- BDG has received representation of M/s Tetra Pakistan Ltd via MoIP vide letter No. 5(11)/2020 LED-II dated 24-04-2020 regarding Export of Food Packing Material to Afghanistan. EDB examined the representation about loaded trucks carrying food packaging materials which are stranded in Pakistan-Afghanistan Boarder at Torkham. Consequently, EDB proposed to MOIP vide EDB's letter dated 28-04-2020 that the matter may be referred to MoC for further consideration to resolve issue as the matter falls under their purview.
- **JECs AND JMCs Signed by EDB**
  - 🚩 Pak – Jordan JMC
  - 🚩 Pak – Turkey and Philippine JMC
  - 🚩 Pak – Kuwait JMC
  - 🚩 Pak – Iran JEC
  - 🚩 Pak – Romania JEC

These JECs and JMCs have been signed with keeping in mind the investment opportunities in respective countries, their strengths, industrial base and export potential with respect to the capabilities of Pakistan.

# **CHAPTER – III**

## **TARIFF GROUP**

## COMPETITIVENESS IMPROVEMENT EXERCISE OF ENGINEERING SECTORS: 2020-21



Engineering Development Board completed the annual competitiveness and efficiency improvement exercise for the budget year 2020-21 with basic objective to improve cost of doing business of the local industry. CEO-EDB met with various Companies, Associations and Industrial Clusters at the Faisalabad Chamber of Commerce and Industry (FCCI), Lahore Chamber of Commerce and Industry (LCCI) and Gujranwala Chamber of Commerce and Industry (GCCl) to discuss their budget proposals. During the meeting at Faisalabad Chamber, Chairman, FCCI Rana Sikander Azam Khan highlighted the important role of the SME sector of Faisalabad in the national economy. He was of the view that the industry at Faisalabad has come a long way of development since start of industrial activity in the country. A number of companies representing engineering, textile machinery, agricultural implements, battery manufacturing, and foundry sectors participated in the meeting. CEO-EDB highlighted the role of Engineering Development Board in supporting the SMEs in engineering sector. Mr. Ahmed Hassan, Head R&D Committee of FCCI informed about projects and linkages created with local academia for development of engineering sector of Faisalabad and the country at large.

The need for formulation of a national engineering vision and e-commerce policy for development of the sector as well as government's role in promoting Industry 4.0 was stressed upon for keeping pace with the global technological developments. EDB also held similar exercise at Lahore Chamber of Commerce and Industry (LCCI) with stakeholders of engineering industry sub-sectors and respective associations wherein

representatives from Home Appliances, Power Sector, Glass Sector, Pakistan Steel Re-Rollin Mills Association, Pakistan Steel Melters Association, Pakistan Steel Line Pipe Industry Association, All Pakistan High Carbon Steel Wires Manufacturers Association, Engineering Equipment & Machinery Industry, All Pakistan PVC & Plastic Pipe Manufacturers Association and National Steel Advisory Council participated.

During the consultative sessions at Gujranwala, a large number of representatives from manufacturing companies and industry associations turned up representing major industries in this cluster. The participants of the meeting emphasized on promotion of indigenization, imports substitution and more importantly export enhancement. They also pointed out various tariff anomalies in their respective areas and constraints in managing their cash flows which are affected by pending tax refunds and input materials leading to serious issues in cost of doing business; besides, the rising energy cost remains a major impediment. Regarding exports, the participants were of the opinion that lack of local testing facilities, certifications and technological constraints in certain areas was an impediment in achieving international competitiveness. In the light of recommendations forwarded by relevant parties, proposals were forwarded to National Tariff Commission for inclusion in the budget.

## Notifications regulated by Tariff Group

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*Following notifications are regulated by Tariff Group of EDB to facilitate the industry:*

- **SRO 656(I)/2006 dated 22.06.2006** – Authorizes EDB to allow import of CKD under concessionary regime to OEMs.
- **SRO 655(I)/2006 dated 22.06.2006** – Authorizes EDB to allow concessionary import of raw-materials, sub-components, components and sub-assemblies to vendors.
- **SRO 693(I)/2006 dated 22.06.2006** – Notifies list of locally manufactured parts / components as recommended by EDB.

**Fifth Schedule to the Customs Act 1969 and SRO 678(I)/2004 dated 07.08.2004** – To determine local manufacturing status of goods being imported under concessionary regime to protect local industry.

- **SRO 827(I)/2001 dated 03.12.2001** – Binds government and public sector organizations to give price preference to local industry over imported goods. EDB to monitor implementation of SRO and resolve issues relating to determination of landed cost factor.
- **SRO 450(I)/2001** – Authorizes EDB to determine IOR / Wastages of inputs procured under DTRE and under Manufacturing Bond Regimes.

## Major Tasks Completed during the year 2019-20

	Description of Assignments	No. of Cases Finalized (01.01.2020 to 31.12.2020)
<b>A. TBS-1 (4-Wheelers ) - SRO 656 &amp; SRO 693</b>		
1	Certificates issued - vehicle wise (Revalidation + New Model + New Unit)	368
2	Lists verified issued - vehicle wise: (Provisional Quota) (Revalidation + New Model + New Unit)	368
3	Input Records verified - vehicle wise:	27
<b>B. TBS-II (2/3-Wheelers) - SRO 656 &amp; SRO 693</b>		
1	Certificates issued - vehicle wise	344
2	Lists verified issued - vehicle wise (Provisional Quota)	344
3	Input Records verified - company wise	74
4	Assembling Facilities Verified	14
<b>C. Determination of IOR under SRO 655</b>		
1	Input Output Ratios under SRO 655 (Revalidation + New)	225
2	Input Output Ratios under SRO 656 (Direct Materials)	06

3	Input Output Ratios under DTRE/ 565/ 5 <sup>th</sup> Schedule	43
<b>D. Determination of local manufacturing status (5<sup>th</sup> Schedule to Customs Act 1969 &amp; SRO 678)</b>		
1	Determination of local manufacturing status of imported goods	280
<b>E. Finalization of cases under SRO 827</b>		
1	Determination of status of procurements and its implementation as per procedure and laws of Government	42

## CGO Updation

### Application of CGO

- Under concessionary notifications such as 5<sup>th</sup> Schedule (table-1) to Customs Act 1969, 6<sup>th</sup> Schedule (table-3) to Sales Tax Act, 8<sup>th</sup> Schedule (table-2) to Sales Tax Act and SRO 678(I)/2004 dated 07.08.2004, exemption/ concessions in customs duties/ taxes, are given on import of goods provided the same are not manufactured locally. Relevant condition is as under;

*“(i). the imported goods as are not listed in the locally manufactured items, notified through a Customs General Order issued by FBR from time to time or, as the case may be, certified as such by the EDB”;*

- As per following preamble clauses of CGO-11/2007 (now CGO-02/2017), EDB is mandated to update the CGO and determine the local manufacturing status of imported goods for which concession in duty/taxes is required under the above regime;

*“The goods detailed in the appended list of this CGO are manufactured locally. This list is compiled and updated by the Engineering Development Board in consultation with stakeholders. Henceforth the appended list of locally manufactured goods is applicable for reference purposes to all exemptions/ concessionary notifications.”*



2. *The Collectors of Customs and the staff responsible for allowing concessions under different notifications/ orders are advised to follow this list for the purposes of allowing concessions from customs duties and sales tax etc. The information if any, along with evidence regarding the local manufacture of goods, not indicated in the list, may be forwarded to the FBR forthwith so that the list of locally manufactured goods/ items is up-dated in consultation with the Engineering Development Board.*

3. *The Collectors are, however, authorized to allow release of goods/ items indicated in the list of locally manufactured goods/ items against bank guarantee for a period of three months if the importer produces a certificate issued by the renowned local manufacturers of the disputed items from Engineering Development Board stating that the imported item is not being manufactured locally and the importer shall produce a clarification from FBR to this effect within the above stated period of three months.”*

## Objective of CGO

Items / equipment manufactured locally attracts higher rate of duty (First Schedule) or concessionary duty if not manufactured locally.

## Background

1. Before the inception of EDB, the list of locally manufactured goods was compiled by FBR on the basis of the information provided by the Ministry of Industries and it was known as an indicative list.
2. This “indicative list” was first revised/ updated by EDB in 1998 which was notified by FBR as CGO-07 of 1998 dated 24.03.1998 and its revised version was included in CGO-12 of 2002 dated 15.06.2002 as Chapter 11. Subsequently CGO-10/2003 was issued to replace the “List of locally manufactured items” contained as Chapter 11 of CGO 12/2002.
3. In October 2005, EDB carried out a comprehensive exercise for updation of CGO-10/2003 involving all stakeholders in order to prepare a detailed list containing information about firm, products and the PCT Codes **(up to 08 digits)**. The list was widely shared through EDB website, twice in print media and after incorporating comments from all stakeholders, same was forwarded to FBR which was notified as CGO-11/2007 dated 28.08.2007.

4. In 2014, EDB initiated CGO revision exercise and with the aforesaid procedure a finalized CGO list was forwarded to FBR which was subsequently notified as **CGO-02/2017 dated 19.04.2017**.

	<b>CGO-11/2007 dated 28.08.2007</b>	<b>CGO-02/2017 dated 19.04.2017</b>
<b>Total Entries</b>	906	1106
<b>Total No. of Companies</b>	249	323
<b>Total No. of PCT Heads</b>	612	716

### Updation of CGO-02/2017

- In September 2018, up-dation of CGO-02/2017 exercise was again initiated. In this regard, as per SOPs and previous practice, to attract the maximum number of requests following procedure was adopted;
  - Uploading of CGO Performa on EDB's website for invitation of fresh requests.
  - Letters/emails to all Chambers, Associations, CGO enlisted manufacturers and other manufacturers (available in our data base) for inviting fresh requests for inclusion of their locally manufactured goods in CGO.
- Consequent to aforesaid exercise till date 210 companies have so far approached EDB. After evaluation of information of these companies, 145 are those who have requested to add their new products in CGO or requested for amendment in existing entries of CGO-02/2017. In this context, so far we have around 850 entries (amendments + new) which are under evaluation.
- After evaluation of above draft list, final draft shall be publicized and in case no comments are received same shall be forwarded to FBR.

**CHAPTER – IV**  
**SECTOR DEVELOPMENT**  
**GROUP**

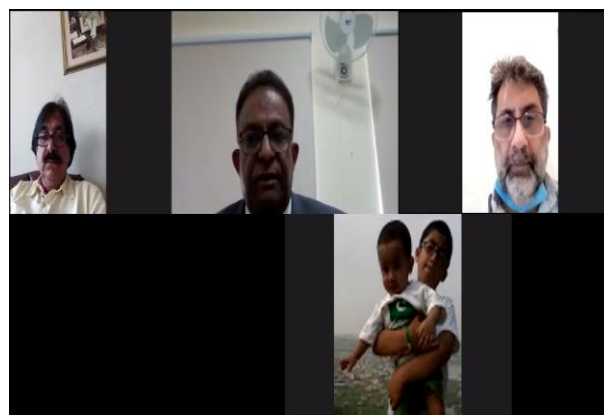
## DEVELOPMENT OF LED LIGHTING SECTOR:

LED lighting sector is a fast-growing potential sector and has performed well by contributing in saving the energy and reducing carbon dioxide emissions, besides saving foreign exchange. As per ITC data global market of LED lighting (9405.1090) is USD 58.91 billion (2018) and is expected to reach USD 127.97 billion by 2024, with a CAGR of 13.75% during the forecast period (2020 - 2025).



EDB, convened series of meetings with LED Lighting industry, during the year 2020, with the objective to develop local industry for import substitution and enhancing exports. Representatives from NEECA, PNAC and Ministry of Commerce were also invited to these meetings. Several issues including rationalization of tariff structure on inputs were discussed and taken up with the relevant quarters.

This industry started its journey with four manufacturing units in 2016-17 which gradually increased to almost 20 units. The industry diversified from manufacturing of Energy Saving Lamps to LED lights producing annually more than 90 million LED lamps & lightings of every kind, ranging from 0.5W to 500W. The majority of the manufacturers have shifted from import to local manufacturing of LED lights.



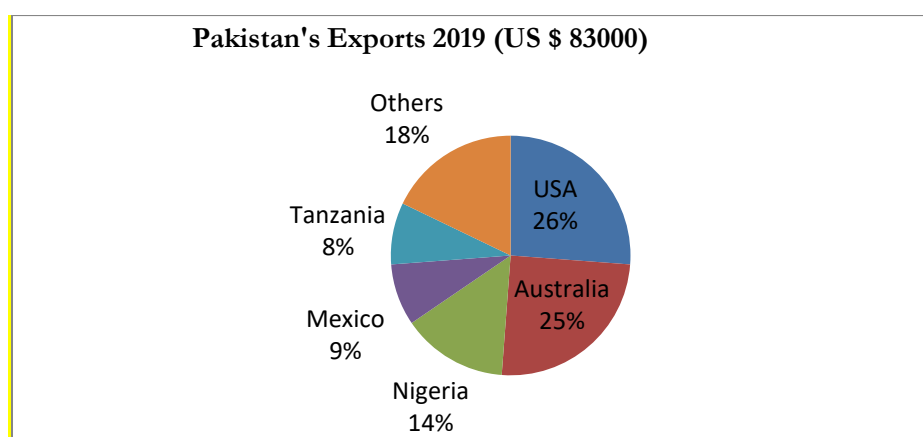
*Meeting with LED Lightning Products Manufacturers*

The industry is not only fulfilling the local demand but is also saving huge foreign exchange alongside earning foreign exchange by exporting the LED lighting products to USA, Australia, Mexico, etc., Industry is exporting LED Bulbs, SMD, COBS Tubes and various fittings to USA, Australia, Mexico etc. Details are tabulated below:

Val: \$'1000

HSCODE	COUNTRY/ COMMODITY	UNIT	2019-20		2018-19		2017-18	
			QTY	VALUE	QTY	VALUE	QTY	VALUE
Pakistan Imports								
8539.5010	LED BULB	NO	5,448,455	9,912.00	17,214,783	35,199.39	42,871,011	63,574.27
8539.5020	LED TUBE	NO	2,235,983	3,582.49	2,585,890	4,213.04	2,288,827	4,968.98
9405.1030	LIGHT FITTINGS WIT LED, SMD, COB	NO	1,681,639	6,694.10	4,821,968	14,033.62	--	-
9405.1090	OTH ELE CEILING &WALL FITTINGS.	NO	1,880,753	14,805.19	2,807,549	12,555.28	8,645,105	31,391.47
Pakistan Exports								
8539.5010	LED BULB	NO	11,000	6.90	--	--	178,560	313.88
8539.5020	LED TUBE	NO	1,648	9.21	--	--	--	--
9405.1030	LIGHT FITTINGS WIT LED, SMD, COB	NO	1,176	11.51	25	1.01	--	--
9405.1090	OTH ELE CEILING &WALL FITTINGS.	NO	58,993	128.97	18,891	85.05	110,676	365.63

Source: PBS



With increasing demand of LED lighting products, the industry has upgraded its facilities with fully automated SMT/LED assembly line, CAD/CAM facilities, modern testing labs, R&D facilities, designing of LED lighting and fixtures/enclosures of LED lighting by using 3D modeling & printing to produce LED bulbs and down-lights, LED Street light, LED Tube light, LED Down light, LED Panel light, LED X-Ray illuminators, Flood light, Projection light etc. PCSIR and NIE have established new labs for testing locally produced LED lights as per International Standards.

## REVIEW OF EXPORT SCHEMES FOR ENCOURAGING EXPORT OF ENGINEERING GOODS:

SDG undertook thorough review of all export schemes, given below, and also carried out extensive consultation with concerned stakeholders.

- i. Duty and Tax Remission on Exports (DTRE)
- ii. Warehousing/Manufacturing Bonds
- iii. Export Oriented Units Rules
- iv. Temporary Import for Export Scheme

A consolidated Scheme for export of Engineering Goods was prepared by EDB and was shared with exporters of engineering goods across the country in the following sectors/areas through online consultative sessions with stakeholders in Karachi, Lahore, Gujranwala & Islamabad;

- Power Equipment Manufacturers,
- Home Appliances Association/PEMA
- Cutlery & Utensils Association
- Pumps & Motors Association/PPEMMA
- Electric Fan Association
- Pakistan Cable Manufacturers
- Sanitary Fittings & Ceramics representatives
- Qadbro Engineering Pvt. Ltd.- Capital Goods industry representation
- Pakistan Association of Automobile Parts & Accessories Manufacturers (PAAPAM)
- Federation of Pakistan Chambers of Commerce & Industry (FPCCI), Karachi
- Korangi Association of Trade & Industry (KATI) (at KATI office, Karachi)



*Consultative session with stakeholders in Gujranwala on DTRE Scheme*



*Consultative session with stakeholders in Lahore on DTRE Scheme*



The scheme was also debated in the EDB BoM meetings and discussed with officials in FBR/Customs, Karachi and Ministry of Commerce. Final draft of the revised scheme has been submitted for approval of EDB-BoM for onward submission to the Ministry of Industries and Production.

EDB, on the demand of stakeholders has proposed constituting **Export Facilitation Committee** having members from all the relevant Government organizations and industrial sectors for immediate redressal of the issues faced by the exporters of engineering goods. The revised/re-vamped draft scheme contains following major facilitations besides simplifying procedures;

- Provision of blanket approval with specific time.
- Provision to use inputs from stock imported for regular production and clearance of subsequent consignment at DTRE rates to the extent of Export order executed.
- Provision for sales tax exemptions/adjustment on local purchase by sub-vendors.
- Provision to stock their materials in bonded warehouses as buffer stock.
- Refund of entire amount of duty & taxes under DDB, (also include DLT, amount of taxes on consumption of energy (Elect, RLNG, etc)).
- Review & Consolidation of all IORs/DDB rates online uploading
- Formulation of an Export Facilitation Committee having members from all the relevant Government organizations and industrial sector for immediate redressal of the issues faced by the exporters of engineering goods, as has been done in past.



*Meeting on Review of DTRE Scheme Chaired by  
CEO-EDB*



*Briefing to Chairman EDB on DTRE Scheme by  
GM (SDG)*

In addition, EDB has also been supporting the exporters of engineering goods and FBR (IOCO) for review of Duty Drawback (DDB) rates for export of engineering goods. As a result, the DDB of Electric Fans and other products have been revised and some other cases are under review.



This initiative will facilitate and enhance the export of engineering goods even in shortest possible time. This will result in earning more foreign exchange and reducing Pakistan's trade imbalance, in addition to generating more economic activity in the country.

## Bilateral Trade (FTAs-PTAs)

Pakistan has signed) Free/Preferential Trade Agreements (FTAs/PTAs) (Table-I). The latest FTA was signed with China as 2<sup>nd</sup> phase of China Pakistan Free Trade Agreement (CPFTA-II) and was notified in 2019.

**Table - I**

S.#	Country	Agreement	Effective Date	Notification No.
1	Sri Lanka	FTA	08 Apr, 2005	SRO 570(I)/2005
2	China	EHP	31 Dec, 2005	SRO 1296(I)/2005
3	South Asia	FTA	29 Dec, 2006	SRO 124(I)/2006
4	Iran	PTA	31 Aug, 2006	SRO 894(I)/2006
5	Malaysia	FTA	31 Dec, 2007	SRO 126(I)/2007
6	China	FTA	30 June, 2007	SRO 659(I)/2007
7	Mauritius	PTA	26 Nov, 2007	SRO 1151(I)/2007
8	Indonesia	PTA	28 Aug, 2013	SRO 741(I)/2013
9	China-II	FTA	01 Jan, 2020	SRO 1640(I)/2019

Following (Table-II) FTAs/PTAs are under negotiation/review

**Table - II**

S.#	Country	Agreement
1	Thailand	FTA
2	Turkey	FTA
3	Afghanistan	PTA
4	Uzbekistan	PTA
5	Sri-Lanka	FTA (Review)

EDB regularly analysis & evaluation of the FTA negotiations on behalf of the Ministry of Industries & Production for analysis and evaluation of the goods falling under Pakistan Customs Tariff Chapters from 25-49 and 64-97 containing more than 70% Tariff Lines. Rest of the goods covered under chapters 1-24 (food & agro products) and 50-63 (textiles) fall within the domain of MINFAL and Textile Division of Ministry of Commerce, respectively.

EDB evaluates offer / request lists of both Pakistan and FTA/PTA partner country in coordination with local industry, thorough review of industrial base of both countries and recommend concessions on import of input materials & goods not manufactured locally along with local products for exports. While holding negotiations with any country, maximum emphasis is on import of goods and materials that are not produced in the country. In order to safeguard the interests of local industry, due protection is also ensured on the goods covered under CGO-02/2017 (list of locally manufactured goods). Similarly, for export purposes, emphasis is given to minimize the tariffs on locally made goods to the exporting country. Till the signing of CPFTA-II auto sector was kept in the sensitive of Pakistan and no concessions were extended to any country.

EDB also provide input on Industrial/Technical/Scientific Cooperation to BOI, PSQCA, Draft FTA Agreement/Protocol to MOC, Industrial Investment to BOI, Standards, NTBs/ TBTs/ NTMs to NTC/PSQCA, Rules of Origin on Industrial Products to TDAP, customs related matters to FBR and Service-related matters to MOC, NTC, and BOI.

## 2<sup>nd</sup> Phase China Pakistan Free Trade Agreement (CPFTA-II):

Pakistan signed last FTA with China as 2<sup>nd</sup> Phase China Pakistan (CPFTA-II) effective from 1<sup>st</sup> January, 2020 (Table-III) Tariff Reduction Modalities (TRMs) agreed between China and Pakistan under CPFTA-II:

**Table - III**

CATEGORY	TRMs OF CHINA		TRMs OF PAKISTAN	
	% of TLs	Years	% of TLs	Years
I	45	EIF	45	EIF
II	15	<i>5 Years (1-5 Years)</i>	15	<i>7 Years (2<sup>nd</sup> -7<sup>th</sup> Year)</i>
III	15	<i>10 Years (1-10Years)</i>	15	<i>15 Years (4<sup>th</sup> -15<sup>th</sup> Year)</i>
MOP (20%)	5	3.3.% EIF, 1.7%, Jan'2022	5	3.3.% EIF, 1.7%, Jan'2022
SEN/LIST	20	SL	20	SL

During the years 2020, EDB has evaluated and worked out potential available for the Pakistani industry under the CPFTA-II. EDB has provided awareness to the local industry to benefit from the availability of input materials at cheaper rates from China, the biggest

market of the world. EDB has also been guiding and facilitating the local industry to benefit from duty concessions provided by China in equality with ASEAN along with other countries to enhance export volume of engineering and industrial goods to China, a market of Trillions of Dollars.

Due to effective negotiations in CPFTA-II, China has provided concessions to Pakistan equal to ASEAN countries i.e. 0% with immediate access to 313 items for exports to China, providing a market of 67.0 billion USD to Pakistan, which is at par with ASEAN. According to PBS data, during the year 2018-19, Pakistan has exported around 700 goods of value \$ 1.936 billion to China against a market of \$ 118.105 billion including market of \$ 27.98 billion for export of engineering goods. China's total import is worth \$ 239.663 billion including Engineering Goods of \$ 89.73 billion. Further, Pakistan has got favorable implementation period of 15 years whereas, for China it is 10 years. China has provided extended robust safeguards to the industry Maximum for 23 years a protection not granted to any other country. China has also agreed to Electronic Data Exchange; providing real data of the importers from China. **Due to EDB's efforts, Pakistan's export to China have increased.**

First time in the FTA history, auto sector is included in CPFTA-II, keeping in view the quantum of investment made by Chinese companies in Pakistan under ADP 2016-21. Auto sector is included in CPFTA-II with following provisions:

- **20% MOP on non-localized parts, from 01.01.2022 after expiry of Auto Policy 2016-21 (existing CD @ 35% will reduce to 28%).**
- **No concession on vehicles in CBU/CKDs & localized auto parts covered under SRO 693/2006.**

In reciprocation, Pakistan has got following access on export of auto parts and vehicles to China.

i) **Immediate Relief on Export @ 0%:**

- **Vehicles** (Tractors, Coaches, Dumpers, Fire Fighting Vehicles),
- **Auto parts** (bumpers, brakes, gear boxes for tractors, buses/coaches, dumpers & trucks, drive-axles with differentials for tractors, road wheels, shock absorbers for cars, radiators, oil coolers, mufflers & exhaust pipes, steering wheels/columns/boxes of tractors & dumpers, frames for dumpers, and other parts for motorcycles, bicycles & wheelchairs).

ii) **Duty Reduction in 10 years to 0% (Gradually):**

- **Vehicles:** (Motorcycles, Tractor, Prime-movers, Trailers/Semi-Trailers, Coaches,

Dumpers, Crane lorries, mobile drilling derricks, fire fighting vehicles, concrete mixers, special purpose motor vehicles, Chassis for dumpers, bodies for buses, tractors, buses, trucks

- Automotive parts falling under PCT Code 87.08 and others.

### **Pakistan-Thailand Free Trade Agreement (PATHFTA):**

During the year 2020, EDB has participated in consultations on PATHFTA, which was re-initiated after a break of more than two years. Initial negotiations on PATHFTA were started in August, 2015 and nine rounds were held till November 22, 2017. During these rounds, detailed negotiations/discussions were held on Text of Agreement, SPS and TBT, Customs Procedures, Trade Facilitation, Trade Remedies, Rules of Origin (ROO), **Tariff Reduction Modalities (TRMs)**, (Table-IV) and Request/Offer lists of both countries. The lists are based on tariff rates for year 2014-15.

**Table - IV**

Tracks	Proposal for Thailand		Proposal for Pakistan	
	Time frame	% TLs	Time frame	% TLs
Fast Track	EIF	50%	EIF	40%
Normal Track	3 years	20%	5 years	30%
Sensitive Track	5 years		7 years	
Highly Sensitive Track	7 years	20%	10 years	15%
Exclusion Track	-	10%	-	15%

Both sides have now agreed to review the FTA negotiations, with the offer on 200 priority items from both sides. EDB has evaluated every product contained in lists of both countries after consultation with each segment and sector of the local industry.

## **Afghanistan-Pakistan Preferential Trade Agreement (APPTA)**

EDB undertook thorough review of the Afghanistan and Pakistan Preferential Trade Agreement (APPTA). Ministry of Commerce (MoC) in February 2020 later shared the draft of the APPTA with EDB for its inputs. MoC also shared the request list of products from Afghanistan containing 27 items (vegetables, fruits, liquorice, skins & hides, wool and cotton) and Pakistan offer list of 12 lines (containing kino, mango, banana, Sela rice, sugar, fish (meat), agri medicines, fertilizers, battery chargers, electronics and paints) as per Pakistan Customs for input from EDB/MoIP.

EDB undertook thorough review of Pakistan's trade with Afghanistan and observed that although the trade is quite beneficial for Pakistan, its volume is very low as compared to Afghanistan's trade with other countries like China & Iran Table-V.

**Table - V**

VALUE '\$1000

Year	Pakistan Imports			Pakistan Exports			Afghan Global Imports		
	Total	Engg. Goods	EGs (%)	Total	Engg. Goods	EGs (%)	Total	Engg. Goods	EGs (%)
2018-19	540,175	40,973	7.59%	1,295,989	50,495	3.90%	7,406,590	1,167,871	15.77%
2019-20	467,562	15,646	3.35%	849,578	63,226	7.44%	7,073,757	2,417,881	34.18%

Source: PBS

**Table – VI****Afghanistan Global Imports- 2018**

VALUE '\$1000

Country	Total Imports	Engg. Goods	%age share
World	7,406,590	1,167,871	16%
China	1,165,932	405,744	34.79
Japan	414,025	391,203	94.48
Iran	1,264,167	289,678	22.91
Uzbekistan	553,949	247,280	44.63
India	354,282	133,978	37.81
Germany	65,545	54,796	83.6
Russia	157,697	54,502	34.56
Turkey	78,833	48,892	62.01
Tajikistan	95,767	43,839	45.77

Source: Trade Map

With a view to enhance the volume of Pakistan's exports to Afghanistan, EDB carried out a detailed review of the proposed **APPTA** to look for potential of export items to Afghanistan. Accordingly, the request list of engineering and industrial goods was revised keeping in view Pakistan's local industrial strength, Pakistan's current exports to Afghanistan & other countries and Afghanistan's current imports from other countries. The revised list contains 137 items at four digit level with value of imports to Afghanistan USD 1.51 billion Pakistan's current exports include CRC Sheets/Coils, Galvanized Steel Sheets/Coils, Un-coated Steel Sheet/Coil, Coated Steel Wire, Steel Tubes/Pipes, Steel Structures, Utensils of SS & Copper, Aluminum Alloy Sheets/Articles, Table/Kitchens wares of Aluminum, Coated Electrodes, Electric Fans, Split ACs, Refrigerators & Deep

Freezers, Harvesting Machines, Washing Machines & Driers, Batteries/Cells, Cables, Tractors, Auto Rickshaw, Motorcycles and auto parts; having value of USD 50.495 Million in 2018-19 & USD 63.226 Million in 2019-20.

## Pakistan-Uzbekistan Preferential Trade Agreement (PUPTA):

Pakistan and Uzbekistan will work together for trade enhancement and promotion of inter-governmental projects in different sectors and improvement of connectivity. During a meeting of Deputy Prime Minister on Investment and Foreign Trade, Uzbekistan with Advisor to the Prime Minister on Commerce and Investment, Pakistan, held on September, 2020 in Pakistan, both sides decided to start negotiations on establishment of Preferential Trade Agreement (PTA) with Pakistan to provide market access & enhance exports between two countries. Accordingly, PTA was drafted and shared with EDB/MoIP along with request/offer lists of both countries.

EDB thoroughly reviewed the potential products list of Engineering & Industrial products for the proposed **PUPTA** to find out maximum access for Pakistani Goods to Uzbekistan. While carrying out this study, it was observed that though Pakistan is exporting to Uzbekistan (Table-VII), but doesn't have a fair share in Uzbekistan exports.

Table - VII

VALUE '\$1000

	Uzbek Imports from Pakistan			Uzbek Imports from world		
	2017	2018	2019	2017	2018	2019
Total Trade	24,705	63,645	22,657	12,035,209	17,312,259	21,855,139
Engg. Goods	1,030	1,996	1,905	7,320,565	11,458,644	14,840,262

Source: Trade Map

Accordingly, a separate list was prepared by EDB keeping in view Pakistan's local base, Pakistan's current exports to Uzbekistan & other countries and Uzbekistan's imports from other countries. New list contains both engineering and industrial products at six-digit level with value of imports by Uzbekistan to USD 7.206 billion (Table VIII). The list is attached as **Annexure-B**.

Table - VIII

VALUE: US\$ Million

Product Des	Pak Exports To Uzbekistan	Uzbek Global Imports
Engineering Products	1.59	3,824



Industrial Products	6.31	2,203
<b>Total</b>	<b>7.90</b>	<b>7,206</b>

*Source: Trade Map*

## EDB Role in JMCs/JECs/WGs, etc.

- Pakistan has established Joint Commissions with more than 70 countries, including Joint Ministerial Commissions, Joint Economic Commissions, Joint Working Commissions, groups etc.
- Joint Commission is a high-level forum to promote bilateral economic cooperation in diversified fields, such as Trade, Investment, Energy, Agriculture, Science & Technology, Information Technology, Education, Health, Culture and Tourism.
- Bilateral economic cooperation provides platform to enhance and diversify trade, explore markets, exchange technical assistance, share experiences & expertise, and take initiatives for investment opportunities.
- **EDB participates in these JMCs/ JECs on behalf of MoIP to provide technical inputs to explore possibilities for JVs, technology transfer, export enhancement of engineering goods and investment, etc.**

## Environment

EDB, on behalf of the Ministry of Industries & Production, has been giving its input on issues related to climate change because of GHG emissions from the industrial sector including textiles, fertilizer, sugar factories, cement, steel and large petro-chemical plants, etc.

Different Steering Committees have been constituted under MoCC to undertake activities related to reduction of GHG gases, regulation/elimination of POPs/PCBs, etc. Several meetings of the Steering Committees were held during the year 2020 and EDB provided its technical and professional inputs as per the requirement of the Committee.

## Promotion of Industry-Academia Linkages:

EDB is preparing a comprehensive strategy to bridge this gap for the support of the industry to strengthen the engineering and technology base of the country.

**EDB Industrial Research Program (IRP)** with the collaboration of Academia to promote R&D activities in the industry by engaging R&D potential existed with the local universities to address Industry's technical issues pertaining to product design/development,

production processes and to foster much-needed innovation in the industry to enhance competitiveness of the industrial sector. Under IRP, Industry entrepreneurs on individual or collective basis indicate their technical problems/areas where research is required. The problem is shared with researchers/ scholars of various universities for designing /developing indigenous solution. The case is finally allotted to the Research Team on competitive basis. A team of 992 Professors, Scientists, Technologists, Researchers (Ph.D and M. Phil) from 23 engineering universities in 308 fields related to engineering, applied physics and applied chemistry were taken on board to address product and production problems.

In response to IRP, Industry across the country ranging from electronics, electrical, HVAC, castings/forgings, fabrications, chemicals, steel, renewable energy etc. has started sharing industrial technical problems, which are being discussed with concerned researchers of various universities. Brief on some of cases taken up with various universities/research organizations is as under:

- **Sabro Industries (Pvt) Ltd., Islamabad:** improvement in products & processes and to translate some prototypes and workable ideas into marketable products with scientific backing. For this purpose, NUST mechanical engineering teams provided required support.
- **Golden Pumps (Pvt) Ltd., Gujranwala:** Development of a “Test Bench” for electric motors having power rating ranging from 0.5HP upto 5HP to ascertain vital parameters e.g. Input Power, Output Power, Efficiency, Input Voltage, Motor No Load Current, Full Load Current, No Load & Full Load Speed, No Load & Full Load Torque, Power factor, Motor temperature, bearing temperature, winding temperature etc. NUST provided the support.
- **Hero Pak Electrical Industries (Pvt) Ltd:** Removal of fault in Magnetron Sputtering Plating Equipment, installed by a Chinese Firm. Engineers from ATCOP examined and checked for all the possible solutions to issues like power PLCs, Vacuum equipment etc. On the basis of measures suggested by expert’s, machine were made operational by local expertise.
- **Noon Sugar Mills Ltd., Bhalwal:** Support for conversion of Distillery Plant effluents to value added products with zero discharge. Punjab University, NUST and Agriculture University provided requisite research support.
- **Darson Industries, Wazirabad: (Energy):** Research support to maintain consistent pressure of biogas for the power generator for captive energy generation project. NUST and PCRET advised remedial measures, plant was modified as per guideline of experts.
- **Technical Up-gradation of Mills - Steel Re-Rolling Mills’ Association:** Technical assistance was provided by PIEAS, GIK, UET-Peshawar, UET-Lahore, NED-

Karachi. Data shared by the Association was analyzed by the experts at ATCOP/PIEAS. Research teams visited local steel industry and addressed the issue.

- **Surgical Instruments Manufacturing Industry:** A team of researchers from ATCOP/PIEAS & NUST, National Instruments/Air University met members of Surgical Instruments Manufacturers Association of Pakistan (SIMAP). Three days welding course for surgical instruments was arranged to provide hands on training to welding teams, supervisors and managers.
- **Cutlery & Stainless Utensils Manufacturing Industry:** Researchers from ATCOP/PIEAS visited the Cutlery Industry to provide research support in the areas of Welding (joining) of three metals, Aluminum Alloy+ MS + SS, Brass Die casting technique, laser cutting and laser graving instruments, New instruments or methods were required to improve their polishing and grinding process, Assistance to make operationalize the heat treatment conveyor, redesigning of the heat treatment conveyor including furnace modification & electric to oil fired and assistance to operationalize mechanical lab machines in association's training institute. These machines include welding and drilling machines etc.
- **Madinah Group of Industries, Faisalabad:** Research teams from PIEAS, Air University and ATCOP visited the Group in Faisalabad to examine the problems / manufacturing processes of industrial units of Edible Oil, Steel, Sugar and Power Generation and suggested solutions to make the manufacturing process and operations cost effective with particular reference to energy conservation and to determine the areas in which research and development was needed to improve upon the manufacturing process.

## Energy conservation:

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EDB has also been a part of several activates and awareness programs organized by National Energy Efficiency & Conservation Authority (NEECA) for ENERCON related to energy conservation and development of energy efficient industry and products within the country. GM-SDG participated as guest speaker in the events highlighting the importance producing energy efficient equipment.

## COVID 19:

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Due to rapid spread of Corona virus, demand of Medical/Health Devices and PPEs increased globally but their production and trade was compromised due to lockdown/ shutdown of industrial activities. Facing similar situation in Pakistan, GoP allowed import and supply of PPEs and Medical/ Health Devices without duties and taxes. EDB,

considering this as an opportunity, and following “Make-In-PAKISTAN” vision of the PM coordinated/facilitated several companies for developing Ventilator, Protective kits, PPEs, etc.

In this regard in April 2020, a meeting was also organized with Minister (I&P) for facilitating in manufacturing of PPEs and exemption from all types of duties and taxes on import of raw materials & machinery, equipment & other items, for setting up a Greenfield project for production of PPEs along with exemption from ST and IT on supply of these items. A Policy framework was consulted with the concerned stakeholders on May 11, 2020 in a meeting, which was also attended by officials from PEC, PAAPAM & related industry.

As a result:

- Local manufacturing of PPEs was started in the country.
- Database of local manufacturers, their capacities and locations was prepared.
- Local manufacturers are ensuring availability of oxygen.
- Regular supply / demand position of oxygen gas was reported to the Ministry of Industries & Production/ NCOC.
- Installation and Commissioning of new oxygen plant was facilitated to increase the production of oxygen.
- Revival of closed down oxygen plants was initiated.
- 24hour road access to cryogenic vehicles in cities to ensure availability of oxygen in hospitals was ensured.
- Duties and taxes were withdrawn on import of oxygen gas, oxygen cylinders, cryogenic tanks, PPEs, etc vide SRO 593(I)/2020 dated July 1, 2020 and SRO 649(I)/2020 dated August 3, 2020;
- Local industry was facilitated for export of PPEs and other regular products.

EDB also worked out on withdrawal of duties and taxes on import of oxygen gas, oxygen cylinders, cryogenic tanks, personal protective equipment etc. through following SROs;

- a. SRO 593(I)/2020 dated July 1, 2020 to exempt customs duty on import of oxygen gas, oxygen cylinders, cryogenic tanks;
- b. S.R.O. 649(I)/2020 dated August 3, 2020 to exempt sales tax on import of oxygen gas, oxygen cylinders, cryogenic tanks;
- c. SRO 235(I)/2020 dated March 20, 2020 to exempt customs duty, regulatory duty and additional customs duty on import of PPEs;
- d. SRO 236(I)/2020 dated March 20, 2020 to exempt sales tax on import and supply of PPEs;
- e. SRO 236(I)/2020 dated March 20, 2020 to exempt income tax on import of PPEs;

- f. To ban/allow export of tyvek suits, surgical masks, N-95 masks etc. through SRO 239(I)/2020 March 24, 2020, SRO 526(I)/2020 dated June 9, 2020, SRO 775(I)/2020 August 25, 2020.

## **Implementation of E- Commerce Policy, Accession to Information Technology Agreement (ITA):**

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EDB played an important role in identifying the industry and products alongside and conveying the best possible solutions to the Ministry of Commerce to safeguard the interests of local Information Technology Industry.

WTO Wing of Ministry of Commerce actively pursued the initiative to make Pakistan a signatory to ITA since 2016. However, based on a latest Pakistan specific UNCTAD study, Permanent Mission of Pakistan to WTO has opposed the proposed accession to ITA.

EDB thoroughly reviewed the IT Agreement and solicited views from major Chambers of Commerce & Industry as well as leading trade associations of the country.

Based on inputs received from Industry, and other quarters, EDB consolidated its following views;

- Many products in both lists (ITA-I and ITA-II) are manufactured locally which include finished Consumer appliance, Mobile Phones, Electrical/Electronic products i.e. like Refrigerators, Microwave ovens, Televisions, LEDs/LCDs, capacitors, electrical cables, optic fiber, Energy meters, etc., which would be put at a disadvantage, if duty free imports of these finished products are allowed.
- Government of Pakistan has recently approved Mobile Device manufacturing policy. Allowing duties free imports of CBUs of mobile phones would completely nullify this major policy intervention of the government.
- Until local manufacturing industry is able to produce internationally competitive products, signing of ITA may be deferred.
- Instead of signing the ITA, it may be more advantageous for the country to eliminate duties and taxes on pure IT related inputs like ICs, transistors, diodes, relays, etc, which are used in the production of value-added goods, and which would support development of IT and related industry. This would bring in the “Make in Pakistan” revolution
- No decision on signing ITA may be taken unless an impact analysis is completed.

Based on the above, EDB clearly recommended that signing the ITA will not be in the best interest of the country.

**Annexure-A****Pakistan Request List for PTA with Afghanistan**

S.No.	HS Code	Product Name	Afghan Global Imports 2019 (Value:\$1000)
		<b>Afghan Global Total Imports</b>	<b>7,073,757</b>
		<b>Afghan Global Engg. Imports of items below</b>	<b>1,509,557</b>
1	85.17	Telephones for cellular networks "mobile telephones" Telephone sets Base stations, etc	227,989
2	87.08	Autoparts	160,807
3	87.05	Crane lorries, Mobile drilling derricks, Fire fighting vehicles, Concrete-mixer lorries & other Special purpose motor vehicles	116,794
4	87.03	Motor Cars, SUVs, Mini-Vans, Auto Rickshaw, etc	114,957
5	85.25	Transmission apparatus for radio- broadcasting or television, television cameras, etc	80,665
6	73.08	Steel Doors/Windows	58,467
7	85.07	Electric accumulators/Batteries, including separators.	55,805
8	73.14	Steel Bars & Rods	43,146
9	85.02	Electric generating sets and rotary converters.	37,078
10	85.04	Electrical transformers, static converters (for example, rectifiers) and inductors.	34,349
11	84.09	Engine Parts	34,100
12	87.04	Dumpers, LCVs, Trucks, 3-Wheeler Loaders, Cargo Loaders, etc	30,756
13	85.28	Monitors and projectors, TV Sets, etc	28,866
14	87.11	Motorcycles	24,138
15	85.37	Boards, panels, cabinets and other bases, etc	23,955
16	85.44	Insulated wire, cable, co- axial cable and other insulated electric conductors, optical fibre cables, etc.	23,560
17	90.18	Medical, surgical, dental appliances, instruments, etc.	22,145
18	84.13	Pumps	21,608
19	87.01	Agricultural & other Tractors	20,898
20	83.11	Coated Electrodes, rods and cored wires	12,449
21	84.31	Parts of earth moving, Blades, buckles, shovels, etc.	12,267
22	84.18	Refrigerators, freezers	11,569
23	84.15	Air Conditioners & Parts	11,529
24	87.02	Buses/ Vans	9,490
25	72.10	Coated Sheets/Coils	9,388
26	84.83	Transmission shafts and cranks; Flywheels and pulleysbearing housings and plain shaft bearings; gears and gearing; etc	9,386
27	84.08	Compression- ignition internal combustion piston engines (diesel or semi- diesel engines).	9,358
28	85.46	Electrical insulators of any material.	9,085
29	84.81	Taps, cocks, valves for pipes, boiler shells, tanks, pressure- reducing valves, etc	8,656
30	84.79	Machines and mechanical appliances,	8,580



## SECTOR DEVELOPMENT GROUP

31	84.22	Dish washing machines; machinery for filling, closing, sealing or labelling bottles, cans, boxes, bags, etc	8,365
32	72.09	CRC Sheets/Coils	8,351
33	84.14	Air or vacuum pumps, fans; etc	8,254
34	85.36	Electrical Fuses/switching, lightning arresters, surge suppressors, etc	7,357
35	87.14	Motorcycles Parts	7,186
36	85.16	Electric instantaneous or storage water heaters, etc	6,785
37	85.01	Electric motors and generators (excluding generating sets).	6,761
38	94.03	Other furniture and parts thereof.	5,439
39	73.26	Other articles of iron or steel.	5,403
40	84.52	Sewing machines; Furniture, bases and covers for sewing machines; sewing machine needles.	5,388
41	84.19	Gas water heaters, Dryers, Heat-exchange units, Machinery for liquefying air & Parts	5,141
42	87.12	Bicycles and other cycles (including delivery tricycles), not motorised.	5,123
43	72.17	Wire of iron or non- alloy steel.	4,996
44	84.50	Household or laundry- type washing machines, including machines which both wash and dry.	4,949
45	87.16	Trailers and semi-trailers	4,940
46	94.06	Prefabricated buildings	4,737
47	90.28	Gas Meters, Liquid Meters, Electricity Meters, etc	4,684
48	73.23	Table, kitchen or other household articles and parts	4,578
49	84.77	Rubber or plastics working machinery	4,302
50	82.12	Razors and razor blades	4,026
51	73.06	Other steel tubes, pipes and hollow profiles	3,889
52	83.02	Base metal mountings, fittings, etc	3,669
53	87.10	Tanks and other armoured fighting vehicles,	3,613
54	84.80	Moulding boxes; mould bases; moulding patterns; moulds for metal, rubber or plastics.	3,425
55	94.05	LED Lightings	3,352
56	85.23	Smart cards	3,345
57	96.08	Stationary items	3,053
58	84.74	Machinery for sorting, screening, crushing, grinding, mixing stone, ores, etc	2,906
59	85.11	Electrical ignition or starting equipment used for spark- ignition or compression-ignition internal combustion engines	2,766
60	85.39	Electric filament or discharge lamps, beam lamp units and light-emitting diode (LED) lamps, etc.	2,690
61	84.24	Mechanical appliances; spray guns; steam or sand blasting machines, etc	2,675
62	84.30	Other earth moving,levelling, excavating, extracting or boring machinery, etc.	2,653
63	93.03	Firearms, sporting shotguns and rifles, etc.	2,640
64	83.09	Stoppers, caps and lids,	2,595
65	73.11	Containers for compressed or liquefied gas, of iron or steel.	2,518
66	73.15	Chain and parts of iron or steel.	2,497
67	84.38	Machinery for industrial, fruits, food preparation.	2,469
68	83.01	Padlocks and locks	2,462
69	85.12	Electrical lighting or signalling equipment of a kind used for cycles or motor vehicles.	2,460
70	73.18	Screws, bolts, nuts, coach screws, screw hooks, rivets, cotters, washers, etc	2,316
71	84.25	Pulley tackle and hoists other than skip hoists; winches and capstans; jacks.	2,220
72	73.04	Tubes, pipes and hollow profiles, seamless, of iron (other than cast iron) or steel.	2,135

## SECTOR DEVELOPMENT GROUP

73	82.03	Files, rasps, pliers, etc	1,910
74	85.35	Electrical Fuses/switching, lightning arresters, surge suppressors, etc	1,896
75	95.06	Exercise machines	1,886
76	85.08	Vacuum cleaners,	1,867
77	85.18	Loudspeakers, microphones; audio-frequency electric amplifiers; etc	1,864
78	82.05	Other Hand tools	1,859
79	85.38	Parts for Electrical Fuses/switching, lightning arresters, etc	1,774
80	84.05	Producer gas or water gas generators,	1,734
81	82.07	Interchangeable tools for hand tools,	1,599
82	84.07	Spark- ignition reciprocating or rotary internal combustion piston engines.	1,589
83	85.03	Parts	1,579
84	84.27	Fork- lift trucks;	1,558
85	73.22	Radiators for central heating and parts	1,492
86	84.67	Tools for working in the hand, pneumatic, hydraulic	1,433
87	84.28	Other lifting, handling, loading or unloading machinery	1,430
88	73.07	Steel Tube or pipe fittings (couplings, elbows, sleeves)	1,372
89	72.16	Angles, shapes and sections of iron or non- alloy steel.	1,362
90	73.21	Stoves, ranges, grates, cookers and parts	1,360
91	85.09	Domestic food grinders and mixers	1,357
92	84.10	Hydraulic turbines, water wheels, and regulators therefor.	1,349
93	94.01	Seats and parts thereof.	1,294
94	96.09	Stationary items	1,219
95	73.17	Nails, tacks, pins	1,169
96	85.34	Printed circuits.	1,117
97	82.10	Hand-operated mechanical devices	948
98	84.36	Other agricultural, horticultural, quipment; poultry incubators and brooders, etc.	934
99	73.24	Sanitary ware and parts thereof, of iron or steel.	918
100	84.84	Gaskets, packings; mechanical seals.	893
101	85.05	Electromagnetic couplings, clutches and brakes	857
102	82.06	Other Hand tools	848
103	84.41	Other machinery for making up paper pulp, paper or paperboard, cutting machines of all kinds.	840
104	84.03	Central heating boilers	839
105	85.13	Portable electrical lamps	835
106	84.62	Machine- tools (including presses) for forging, hammering or die- stamping; etc	798
107	87.07	Bodies for motor cars & Tractors	781
108	82.04	Hand- operated spanners and wrenches	765
109	84.33	Harvesting or threshing machinery, etc	755
110	84.26	cranes, including cable cranes; mobile lifting frames and works trucks fitted with a crane.	728
111	96.03	Brushes	716
112	90.21	Medical/Surgical Goods	711
113	73.14	Steel Fencings	689

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114	84.37	Machines for cleaning, sorting or grading seed, etc. other than farm- type machinery.	684
115	82.11	Knives with cutting blades, serrated	646
116	84.42	Pipes/Tubes making machinery	571
117	82.15	Spoons, forks, ladles, skimmers, knives and similar kitchen or tableware.	499
118	73.09	Reservoirs, tanks	562
119	73.12	Steel wire, ropes and cables	508
120	82.01	Hand tools	469
121	84.17	furnaces and ovens,	395
122	84.55	Metal- rolling mills and rolls therefor.	380
123	85.47	Insulating Fittings	335
124	90.20	Breathing appliances and gas masks, etc	333
125	84.51	Machinery for washing, cleaning, wringing, drying, bleaching, dyeing and other textile purposes.	260
126	83.04	Filing cabinets,	259
127	83.05	Office articles	259
128	94.04	Mattress supports; articles of bedding, etc	188
129	82.14	Cutlary items	184
130	84.32	Agricultural, horticultural machinery & Implements	184
131	83.07	Flexible tubing	166
132	82.13	Cutlary items	152
133	84.61	Sawing or cutting-off machines	142
134	87.06	Chassis fitted with engines,	135
135	84.02	Boilers	129
136	94.02	Medical, surgical, dental; barbers' chairs & parts	122
137	85.32	Electrical capacitors	118

### Annexure-B

#### Pakistan's Request List for PTA with Uzbekistan (\$ Million)

HS Codes	Product Des	Pak Exports To Uzbekistan	Uzbekistan Global Imports	Pak Global Exports	Uzbekistan Tariff Rates
<b>Engineering Products:</b>		<b>1,591</b>	<b>3,824</b>	<b>1,785</b>	
<b>PLASTICS (MATERIALS)</b>					
390110	Polyethylene with a specific gravity of < 0,94, in primary forms	0.00	46.22	0.91	30
390190	Polymers of ethylene, in primary forms (excluding polyethylene and ethylene-vinyl acetate ...	0.00	3.50	2.39	30
390311	Expansible polystyrene, in primary forms	0.00	11.25	1.49	10
390319	Polystyrene, in primary forms (excluding expansible)	0.00	4.80	26.94	10
390330	Acrylonitrile-butadiene-styrene copolymers "ABS", in primary forms	0.00	13.57	0.52	10
390410	Poly"vinyl chloride", in primary forms, not mixed with any other substances	0.00	71.32	1.46	10
390690	Acrylic polymers, in primary forms (excluding poly"methyl methacrylate")	0.00	22.14	2.00	10
390740	Polycarbonates, in primary forms	0.00	10.19	0.80	10

## SECTOR DEVELOPMENT GROUP

390761	Poly"ethylene terephthalate", in primary forms, having a viscosity number of $\geq 78$ ml/g	0.00	77.10	217.75	-
390769	Poly"ethylene terephthalate", in primary forms, having a viscosity number of $< 78$ ml/g	0.00	4.72	13.78	-
390799	Saturated polyesters in primary forms (excluding polycarbonates, alkyd resins, poly"ethylene ...	0.00	16.90	0.82	10
391510	Waste, parings and scrap, of polymers of ethylene	0.00	3.14	1.02	10
391590	Waste, parings and scrap of plastics (excluding that of polymers of ethylene, styrene and vinyl ...	0.00	3.01	3.42	10
<b>PLASTICS (MADE-UPS)</b>					
391890	Floor coverings of plastics, whether or not self-adhesive, in rolls or in the form of tiles, ...	0.00	0.24	1.41	30
392010	Plates, sheets, film, foil and strip, of non-cellular polymers of ethylene, not reinforced, ...	0.00	11.38	1.84	22
392020	Plates, sheets, film, foil and strip, of non-cellular polymers of ethylene, not reinforced, ...	0.00	19.84	9.69	10
392051	Plates, sheets, film, foil and strip, of non-cellular poly"methyl methacrylate", not reinforced, ...	0.00	0.79	1.02	10
392062	Plates, sheets, film, foil and strip, of non-cellular poly"ethylene terephthalate", not reinforced, ...	0.00	6.58	27.22	10
392329	Sacks and bags, incl. cones, of plastics (excluding those of polymers of ethylene)	0.00	0.98	0.75	30
392330	Carboys, bottles, flasks and similar articles for the conveyance or packaging of goods, of ...	0.00	1.06	0.92	30
392350	Stoppers, lids, caps and other closures, of plastics	0.00	12.91	1.98	30
392390	Articles for the conveyance or packaging of goods, of plastics (excluding boxes, cases, crates ...	0.00	5.47	10.85	30
392490	Household articles and toilet articles, of plastics (excluding tableware, kitchenware, baths, ...	0.00	1.69	9.48	30
392640	Statuettes and other ornamental articles, of plastics	0.00	0.43	0.88	10
392690	Articles of plastics and articles of other materials of heading 3901 to 3914, n.e.s (excluding ...	0.00	58.41	5.69	10
<b>RUBBER (MADE-UPS &amp; TYRES/TUBES)</b>					
400400	Waste, parings and scrap of soft rubber and powders and granules obtained therefrom	0.00	0.08	9.32	10
400911	Tubes, pipes and hoses, of vulcanised rubber (excluding hard rubber), not reinforced or otherwise ...	0.00	7.49	0.62	10
400941	Tubes, pipes and hoses, of vulcanised rubber (excluding hard rubber), reinforced or otherwise ...	0.00	1.44	3.84	10
401140	New pneumatic tyres, of rubber, of a kind used for motorcycles	0.00	0.99	5.15	10
401150	New pneumatic tyres, of rubber, of a kind used for bicycles	0.00	2.18	2.34	10
401170	New pneumatic tyres, of rubber, of a kind used on agricultural or forestry vehicles and machines	0.00	9.22	1.12	-
401320	Inner tubes, of rubber, of a kind used for bicycles	0.00	1.77	0.69	10
401390	Inner tubes, of rubber (excluding those of a kind used on motor cars, incl. station wagons ...	0.00	0.20	6.65	10

## SECTOR DEVELOPMENT GROUP

401519	Gloves, mittens and mitts, of vulcanised rubber (excluding surgical gloves)	0.00	3.26	4.27	30
<b>CERAMIC GOODS &amp; TABLE/KITCHEN/SANITARY WARES</b>					
690410	Building bricks (excluding those of siliceous fossil meals or similar siliceous earths, and ...	0.00	0.51	1.09	30
690490	Ceramic flooring blocks, support or filler tiles and the like (excluding those of siliceous ...	0.00	0.77	0.51	30
691190	Household and toilet articles, of porcelain or china (excluding tableware and kitchenware, ...	0.00	0.01	0.52	30
691200	Tableware, kitchenware, other household articles and toilet articles, of ceramics other than ...	0.00	1.48	0.79	30
691490	Ceramic articles, n.e.s. (excluding of porcelain or china)	0.00	0.49	1.52	30
<b>GLASS &amp; GLASS WARES</b>					
700100	Cullet and other waste and scrap of glass; glass in the mass (excluding glass in the form of ...	0.00	0.01	0.61	10
700521	Float glass and surface ground glass, in sheets, coloured throughout the mass "body tinted", ...	0.00	10.73	0.63	30
700529	Float glass and surface ground and polished glass, in sheets, but not otherwise worked (excluding ...	0.00	24.70	7.19	30
701090	Carboys, bottles, flasks, jars, pots, phials and other containers, of glass, of a kind used ...	0.00	3.94	7.90	30
701337	Drinking glasses (excluding glasses of glass ceramics or of lead crystal and stemware)	0.00	2.17	3.96	30
<b>IRON / STEEL AND OTHER METAL PRODUCTS/ARTICLES</b>					
720916	Flat-rolled products of iron or non-alloy steel, of a width of $\geq 600$ mm, in coils, simply ...	0.00	39.59	5.80	5
720917	Flat-rolled products of iron or non-alloy steel, of a width of $\geq 600$ mm, in coils, simply ...	0.00	63.27	4.14	5
720918	Flat-rolled products of iron or non-alloy steel, of a width of $\geq 600$ mm, in coils, simply ...	0.00	2.91	1.09	5
721012	Flat-rolled products of iron or non-alloy steel, of a width of $\geq 600$ mm, hot-rolled or cold-rolled ...	0.44	6.89	2.33	10
721049	Flat-rolled products of iron or non-alloy steel, of a width of $\geq 600$ mm, hot-rolled or cold-rolled ...	0.00	180.61	30.33	10
721070	Flat products of iron or non-alloy steel, of a width of $\geq 600$ mm, hot-rolled or cold-rolled ...	0.00	175.45	2.36	10
721720	Wire of iron or non-alloy steel, in coils, plated or coated with zinc (excluding bars and rods)	0.00	2.19	2.08	5
730230	Switch blades, crossing frogs, point rods and other crossing pieces, for railway or tramway ...	0.00	0.29	1.04	10
730290	Sleepers "cross-ties", check-rails, rack rails, chairs, chair wedges, rail clips, bedplates ...	0.00	3.36	1.92	10
730423	Drill pipe, seamless, of a kind used in drilling for oil or gas, of iron or steel (excluding ...	0.00	11.10	3.54	5
730690	Tubes, pipes and hollow profiles "e.g., open seam, riveted or similarly closed", of iron or ...	0.00	2.87	21.94	10
730890	Structures and parts of structures, of iron or steel, n.e.s. (excluding bridges and bridge-sections, ...	0.00	147.29	11.83	10

## SECTOR DEVELOPMENT GROUP

731029	Tanks, casks, drums, cans, boxes and similar containers, of iron or steel, for any material, ...	0.00	2.83	6.74	10
731100	Containers of iron or steel, for compressed or liquefied gas (excluding containers specifically ...	0.00	7.48	1.99	10
731449	Grill, netting and fencing, of iron or steel wire, not welded at the intersection (excluding ...	0.00	1.02	2.31	10
731815	Threaded screws and bolts, of iron or steel, whether or not with their nuts and washers (excluding ...	0.00	31.13	1.74	10
732190	Parts of domestic appliances non-electrically heated of heading 7321, n.e.s.	0.00	4.04	0.71	10
732393	Table, kitchen or other household articles, and parts thereof, of stainless steel (excluding ...	0.00	4.96	2.67	20
732399	Table, kitchen or other household articles, and parts thereof, of iron other than cast iron ...	0.00	1.85	0.94	10
732619	Articles of iron or steel, forged or stamped, but not further worked, n.e.s. (excluding grinding ...	0.00	2.17	0.89	10
732690	Articles of iron or steel, n.e.s. (excluding cast articles or articles of iron or steel wire)	0.00	48.22	3.78	10
740321	Copper-zinc base alloys "brass" unwrought	0.00	0.04	2.10	30
740329	Copper alloys unwrought (excluding copper-zinc base alloys "brass", copper-zinc base alloys ...	0.00	0.25	0.79	30
740400	Waste and scrap, of copper (excluding ingots or other similar unwrought shapes, of remelted ...	0.00	0.11	17.53	10
740620	Copper powders, of lamellar structure, and flakes of copper (excluding grains of copper and ...	0.00	0.01	1.12	30
740710	Bars, rods and profiles, of refined copper, n.e.s.	0.00	0.14	18.16	10
740819	Wire of refined copper, with a maximum cross-sectional dimension of ≤ 6 mm	0.00	0.16	3.03	30
741820	Sanitary ware and parts thereof, of copper (excluding cooking and heating appliances of heading ...	0.00	0.01	4.21	30
760110	Aluminium, not alloyed, unwrought	0.00	92.75	2.15	10
760200	Waste and scrap, of aluminium (excluding slags, scale and the like from iron and steel production, ...	0.00	1.57	2.66	10
760692	Plates, sheets and strip, of aluminium alloys, of a thickness of > 0,2 mm (other than square ...	0.00	7.95	0.75	10
761210	Collapsible tubular containers, of aluminium	0.00	0.01	0.86	10
761290	Casks, drums, cans, boxes and similar containers, incl. rigid tubular containers, of aluminium, ...	0.00	11.78	12.04	10
761510	Table, kitchen or other household articles and parts thereof, and pot scourers and scouring ...	0.00	3.85	21.85	10
761699	Articles of aluminium, n.e.s.	0.00	7.17	0.52	10
780199	Unwrought lead (excluding refined lead and lead containing by weight antimony as the principal ...	0.00	0.28	3.97	10
790310	Zinc dust	0.00	0.87	1.45	10
<b>CUTLERY &amp; UTENSILS AND OTHER BASE METAL PRODUCTS</b>					
820510	Hand-operated drilling, threading or tapping hand tools	0.00	0.07	1.37	10
820559	Hand tools, incl. glaziers' diamonds, of base metal, n.e.s.	0.00	3.01	5.75	10



## SECTOR DEVELOPMENT GROUP

820590	Anvils; portable forges; hand- or pedal-operated grinding wheels with frameworks; sets of articles ...	0.00	0.26	3.52	10
820719	Rock-drilling or earth-boring tools, interchangeable, and parts therefor, with working parts ...	0.00	7.03	1.04	10
820790	Interchangeable tools for hand tools, whether or not power-operated, or for machine tools, ...	0.00	1.92	4.68	10
821191	Table knives having fixed blades of base metal, incl. handles (excluding butter knives and ...	0.00	0.36	1.51	30
821192	Knives with fixed blades of base metal (excluding straw knives, machetes, knives and cutting ...	0.00	0.21	10.95	30
821193	Knives having other than fixed blades, incl. pruning knives, of base metal (excluding razors)	0.00	0.32	0.52	30
821210	Non-electric razors of base metal	0.20	4.60	9.25	10
821220	Safety razor blades of base metal, incl. razor blade blanks in strips	0.57	1.53	10.02	10
821300	Scissors, tailors' shears and similar shears, and blades therefor, of base metal (excluding ...	0.00	0.62	8.25	10
821420	Manicure or pedicure sets and instruments, incl. nail files, of base metal (excluding ordinary ...	0.00	0.10	51.04	10
821490	Hair clippers, butchers' or kitchen cleavers and other articles of cutlery of base metal, n.e.s.	0.00	0.05	0.65	10
821599	Spoons, forks, ladles, skimmers, cake-servers, fish-knives, butter-knives, sugar tongs and ...	0.00	1.72	2.18	30
830249	Base metal mountings, fittings and similar articles (excluding locks with keys, clasps and ...	0.00	0.94	1.05	30
830890	Clasps, frames with clasps without locks, buckles and buckle-clasps, of base metal, for clothing, ...	0.00	0.66	0.93	5
831110	Coated electrodes of base metal, for electric arc-welding	0.00	16.92	1.21	10
<b>ENGINES &amp; PARTS</b>					
840710	Spark-ignition reciprocating or rotary internal combustion piston engine, for aircraft	0.00	0.01	30.51	10
840721	Spark-ignition outboard motors for marine propulsion	0.00	0.03	1.33	10
840991	Parts suitable for use solely or principally with spark-ignition internal combustion piston ...	0.00	90.91	0.52	10
841182	Gas turbines of a power > 5.000 kW (excluding turbojets and turbopropellers)	0.00	6.54	7.57	10
841199	Parts of gas turbines, n.e.s.	0.00	35.67	56.86	10
<b>PUMPS &amp; PARTS</b>					
841370	Centrifugal pumps, power-driven (excluding those of subheading 8413.11 and 8413.19, fuel, lubricating ...	0.00	100.18	4.77	5
841381	Pumps for liquids, power-driven (excluding those of subheading 8413.11 and 8413.19, fuel, lubricating ...	0.00	22.28	0.56	5
841391	Parts of pumps for liquids, n.e.s.	0.00	12.55	1.39	5

AIR CONDITIONING AND OTHER MACHINERY & PARTSPUMPS & PARTS					
841590	Parts of air conditioning machines, comprising a motor-driven fan and elements for changing ...	0.00	24.58	0.51	10
841690	Parts of furnace burners such as mechanical stokers, incl. their mechanical grates, mechanical ...	0.00	0.90	1.41	10
841821	Household refrigerators, compression-type	0.00	4.51	1.54	10
842290	Parts of dishwashing machines, packing or wrapping machinery and other machinery and apparatus ...	0.00	1.89	0.95	10
843139	Parts of machinery of heading 8428, n.e.s.	0.00	1.50	0.79	10
843143	Parts for boring or sinking machinery of subheading 8430.41 or 8430.49, n.e.s.	0.00	27.83	4.61	10
AGRICULTURAL IMPLEMENTS & OTHER MACHINERY					
843149	Parts of machinery of heading 8426, 8429 and 8430, n.e.s.	0.00	15.37	0.74	10
843210	Ploughs for use in agriculture, horticulture or forestry	0.00	4.06	1.29	30
843290	Parts of agricultural, horticultural or forestry machinery for soil preparation or cultivation ...	0.00	5.23	0.53	10
843890	Parts of machinery for the industrial preparation or manufacture of food or drink, n.e.s.	0.00	0.69	6.23	10
844839	Parts and accessories of machines of heading 8445, n.e.s.	0.01	6.76	0.95	10
845190	Parts of machines for washing, cleaning, wringing, drying, ironing, pressing, bleaching, dyeing, ...	0.00	0.66	0.51	10
847180	Units for automatic data-processing machines (excluding processing units, input or output units ...	0.00	1.23	3.18	5
847330	Parts and accessories of automatic data-processing machines or for other machines of heading ...	0.00	4.15	1.11	5
847790	Parts of machinery for working rubber or plastics or for the manufacture of products from these ...	0.00	2.27	2.01	10
847990	Parts of machines and mechanical appliances, n.e.s.	0.00	5.17	0.79	10
848071	Injection or compression-type moulds for rubber or plastics	0.00	12.27	0.61	10
848079	Moulds for rubber or plastics (other than injection or compression types)	0.00	1.11	0.86	10
848180	Appliances for pipes, boiler shells, tanks, vats or the like (excluding pressure-reducing valves, ...	0.00	136.41	3.09	10
848310	Transmission shafts, incl. cam shafts and crank shafts, and cranks	0.00	20.32	0.82	5
848340	Gears and gearing for machinery (excluding toothed wheels, chain sprockets and other transmission ...	0.00	13.96	0.51	5
ELECTRICAL MACHINERY/GOODS & PARTS					
850120	Universal AC-DC motors of an output > 37,5 W	0.00	0.32	0.58	5
850152	AC motors, multi-phase, of an output > 750 W but <= 75 kW	0.00	11.40	1.44	5

## SECTOR DEVELOPMENT GROUP

850239	Generating sets (excluding wind-powered and powered by spark-ignition internal combustion piston ...	0.00	20.16	0.63	10
850300	Parts suitable for use solely or principally with electric motors and generators, electric ...	0.00	12.11	1.36	5
850440	Static converters	0.00	32.65	0.60	5
851762	Machines for the reception, conversion and transmission or regeneration of voice, images or ...	0.00	143.02	0.74	23.33
851769	Apparatus for the transmission or reception of voice, images or other data, incl. apparatus ...	0.00	2.68	3.35	30
851770	Parts of telephone sets, telephones for cellular networks or for other wireless networks and ...	0.00	27.55	2.22	5
853225	Fixed electrical capacitors, dielectric of paper or plastics (excluding power capacitors)	0.00	0.42	0.91	5
853720	Boards, cabinets and similar combinations of apparatus for electric control or the distribution ...	0.00	17.69	0.93	10
854442	Electric conductors for a voltage $\leq 1.000$ V, insulated, fitted with connectors, n.e.s.	0.00	11.20	0.56	6.25
854449	Electric conductors, for a voltage $\leq 1.000$ V, insulated, not fitted with connectors, n.e.s.	0.00	60.88	1.56	9.29
854470	Optical fibre cables made up of individually sheathed fibres, whether or not containing electric ...	0.00	14.52	1.90	10
<b>VEHICLES</b>					
870110	Pedestrian-controlled agricultural tractors and similar tractors for industry (excluding tractor ...	0.00	1.33	2.03	5
870120	Road tractors for semi-trailers	0.00	126.70	10.27	26
870130	Track-laying tractors (excluding pedestrian-controlled)	0.00	1.57	0.95	5
870192	Tractors, of an engine power $> 18$ kW but $\leq 37$ kW (excl. those of heading 8709, pedestrian-controlled ...	0.00	0.57	5.44	-
870193	Tractors, of an engine power $> 37$ kW but $\leq 75$ kW (excl. those of heading 8709, pedestrian-controlled ...	0.00	25.52	7.69	-
870423	Motor vehicles for the transport of goods, with compression-ignition internal combustion piston ...	0.00	56.89	3.30	22.86
870510	Crane lorries (excluding breakdown lorries)	0.00	89.94	1.54	5
870520	Mobile drilling derricks	0.00	4.70	0.70	5
870590	Special purpose motor vehicles (other than those principally designed for the transport of ...	0.00	53.44	2.29	5
<b>AUTOPARTS</b>					
870829	Parts and accessories of bodies for tractors, motor vehicles for the transport of ten or more ...	0.00	86.17	0.89	10
870840	Gear boxes and parts thereof, for tractors, motor vehicles for the transport of ten or more ...	0.00	166.21	6.79	10
870891	Radiators and parts thereof, for tractors, motor vehicles for the transport of ten or more ...	0.00	4.57	1.15	10
870899	Parts and accessories, for tractors, motor vehicles for the transport of ten or more persons, ...	0.00	334.04	7.17	10

## SECTOR DEVELOPMENT GROUP

871120	Motorcycles, incl. mopeds, with reciprocating internal combustion piston engine of a cylinder ...	0.00	0.37	0.86	30
880240	Aeroplanes and other powered aircraft of an of an unladen weight > 15000 kg (excluding helicopters ...	0.00	394.36	0.60	10
880330	Parts of aeroplanes or helicopters, n.e.s. (excluding those for gliders)	0.00	0.28	2.32	10
880390	Parts of aircraft and spacecraft, n.e.s.	0.00	0.01	42.13	10
890510	Dredgers	0.00	1.85	35.61	10
<b>INSTRUMENTS</b>					
901420	Instruments and appliances for aeronautical or space navigation (excluding compasses and radio ...	0.00	0.10	0.56	30
901580	Instruments and appliances used in geodesy, topography, hydrography, oceanography, hydrology, ...	0.00	11.28	13.52	10
901590	Parts and accessories for instruments and appliances used in geodesy, topography, photogrammetrical ...	0.00	1.40	12.52	10
901849	Instruments and appliances used in dental sciences, n.e.s.	0.00	0.75	2.89	5
901890	Instruments and appliances used in medical, surgical or veterinary sciences, n.e.s.	0.23	45.22	405.51	5
902129	Dental fittings (excluding artificial teeth)	0.00	0.62	2.43	5
902131	Artificial joints for orthopaedic purposes	0.00	2.34	2.06	5
902300	Instruments, apparatus and models designed for demonstrational purposes, e.g. in education ...	0.00	2.74	0.57	5
902690	Parts and accessories for instruments and apparatus for measuring or checking the flow, level, ...	0.00	2.58	0.57	5
902780	Instruments and apparatus for physical or chemical analysis, or for measuring or checking viscosity, ...	0.00	10.68	1.15	5
903010	Instruments and apparatus for measuring or detecting ionising radiations	0.00	3.37	1.13	5
903180	Instruments, appliances and machines for measuring or checking, not elsewhere specified in ...	0.00	26.85	2.45	5
903190	Parts and accessories for instruments, appliances and machines for measuring and checking, ...	0.00	2.04	1.60	5
<b>SEATS &amp; FURNITURE</b>					
940179	Seats, with metal frames (excluding upholstered, swivel seats with variable height adjustments ...	0.00	0.83	0.69	30
940330	Wooden furniture for offices (excluding seats)	0.00	1.78	1.04	30
940360	Wooden furniture (excluding for offices, kitchens and bedrooms, and seats)	0.02	10.19	1.87	30
940430	Sleeping bags, whether or non-electrically heated	0.00	0.01	2.00	30
940490	Articles of bedding and similar furnishing, fitted with springs or stuffed or internally filled ...	0.00	0.49	85.47	30
940520	Electric table, desk, bedside or floor-standing lamps	0.00	0.81	2.14	30
<b>SPORTS OTHERGOODS</b>					
950651	Tennis rackets, whether or not strung (excluding table-tennis bats)	0.00	0.09	2.87	10
950659	Badminton and similar rackets, whether or not strung (other than tennis rackets and table-tennis ...	0.00	0.03	2.72	10

## SECTOR DEVELOPMENT GROUP

950661	Tennis balls (excluding table tennis balls)	0.00	0.25	0.72	10
950662	Inflatable balls	0.14	1.09	170.88	10
950669	Balls (excluding inflatable, tennis balls, golf balls, and table-tennis balls)	0.00	0.08	12.04	10
950691	Articles and equipment for general physical exercise, gymnastics or athletics	0.00	6.77	4.29	10
950699	Articles and equipment for sport and outdoor games n.e.s; swimming and paddling pools	0.00	1.98	30.32	10
960200	Worked vegetable or mineral carving material and articles of these materials n.e.s; moulded ...	0.00	0.64	8.82	30
960390	Mops and leather dusters; prepared knots and tufts for broom or brush making; squeegees of ...	0.00	0.88	0.76	30
960810	Ball-point pens	0.00	1.11	0.71	30
960820	Felt-tipped and other porous-tipped pens and markers	0.00	0.75	0.51	30
961900	Sanitary towels (pads) and tampons, napkins and napkin liners for babies, and similar articles, ...	0.00	37.99	3.92	6
<b>INDUSTRIAL PRODUCTS</b>		<b>6.31</b>	<b>2,203</b>	<b>1,707</b>	
420310	Articles of apparel, of leather or composition leather (excluding clothing accessories, footwear ...	0.00	0.33	258.66	30
270900	Petroleum oils and oils obtained from bituminous minerals, crude	0.00	100.55	248.81	10
252329	Portland cement (excluding white, whether or not artificially coloured)	0.00	152.20	174.10	30
271019	Medium oils and preparations, of petroleum or bituminous minerals, not containing biodiesel, ...	0.00	612.95	123.63	30
640399	Footwear with outer soles of rubber, plastics or composition leather, with uppers of leather ...	0.00	2.40	87.77	30
252310	Cement clinkers	0.00	0.43	84.13	30
300490	Medicaments consisting of mixed or unmixed products for therapeutic or prophylactic purposes, ...	3.44	615.47	82.41	5
300439	Medicaments containing hormones or steroids used as hormones but not antibiotics, put up in ...	1.97	15.31	77.01	5
261000	Chromium ores and concentrates	0.00	0.10	70.04	5
410712	Grain splits leather "incl. parchment-dressed leather", of the whole hides and skins of bovine ...	0.00	0.01	68.76	5
252620	Natural steatite and talc, crushed or powdered	0.00	0.57	55.67	10
481159	Paper and paperboard, surface-coloured, surface-decorated or printed, coated, impregnated or ...	0.00	3.28	34.42	10
410792	Grain splits leather "incl. parchment-dressed leather", of the portions, strips or sheets of ...	0.00	0.17	29.43	5
320415	Synthetic organic vat dyes, incl. those usable in that state as pigments; preparations based ...	0.00	0.46	22.12	5
251512	Marble and travertine, merely cut, by sawing or otherwise, into blocks or slabs of a square ...	0.00	0.10	20.33	30

## SECTOR DEVELOPMENT GROUP

300420	Medicaments containing antibiotics, put up in measured doses "incl. those in the form of transdermal ...	0.00	70.25	16.64	5
260111	Non-agglomerated iron ores and concentrates (excluding roasted iron pyrites)	0.00	0.16	11.30	5
340111	Soap and organic surface-active products and preparations, in the form of bars, cakes, moulded ...	0.00	4.88	10.57	30
340220	Surface-active preparations, washing preparations, auxiliary washing preparations and cleaning ...	0.00	21.75	10.11	30
320810	Paints and varnishes, incl. enamels and lacquers, based on polyesters, dispersed or dissolved ...	0.00	7.71	9.78	30
252921	Fluorspar containing by weight <= 97% calcium fluoride	0.00	0.53	9.76	5
300410	Medicaments containing penicillins or derivatives thereof with a penicillanic acid structure, ...	0.08	10.77	9.76	5
350300	Gelatin, whether or not in square or rectangular sheets, whether or not surface-worked or coloured, ...	0.00	0.60	9.12	10
330210	Mixtures of odoriferous substances and mixtures, incl. alcoholic solutions, with a basis of ...	0.00	53.69	8.71	10
681599	Articles of stone or other mineral substances, n.e.s. (excluding containing magnesite, dolomite ...	0.00	1.56	8.59	30
420100	Saddlery and harness for any animal, incl. traces, leads, knee pads, muzzles, saddle cloths, ...	0.00	0.07	8.40	30
680210	Tiles, cubes and other processed articles of natural stone, incl. slate, for mosaics and the ...	0.00	0.12	7.40	30
250510	Silica sands and quartz sands, whether or not coloured	0.00	0.63	7.16	10
320910	Paints and varnishes, incl. enamels and lacquers, based on acrylic or vinyl polymers, dispersed ...	0.00	7.19	7.14	30
382499	Chemical products and preparations of the chemical or allied industries, incl. those consisting ...	0.00	60.63	6.69	-
252610	Natural steatite, whether or not roughly trimmed or merely cut, by sawing or otherwise, into ...	0.00	0.20	6.54	10
283620	Disodium carbonate	0.00	0.05	6.54	5
420291	Travelling-bags, insulated food or beverage bags, toilet bags, rucksacks, shopping-bags, map-cases, ...	0.00	0.22	6.40	30
420340	Clothing accessories of leather or composition leather (excluding gloves, mittens and mitts, ...	0.00	0.04	6.23	30
711510	Catalysts in the form of wire cloth or grill, of platinum	0.00	23.21	6.17	5
251110	Natural barium sulphate "barytes"	0.00	0.53	4.90	5
282720	Calcium chloride	0.00	0.36	4.58	5
640391	Footwear with outer soles of rubber, plastics or composition leather, with uppers of leather, ...	0.00	1.36	4.38	30
340120	Soap in the form of flakes, granules, powder, paste or in aqueous solution	0.00	7.54	4.21	20
711319	Articles of jewellery and parts thereof, of precious metal other than silver, whether or not ...	0.00	0.62	3.84	30



## SECTOR DEVELOPMENT GROUP

250840	Clays (excluding fireclay, bentonite, kaolin and other kaolinic clays and expanded clay)	0.00	0.40	3.58	5
481920	Folding cartons, boxes and cases, of non-corrugated paper or paperboard	0.00	8.59	3.44	30
380891	Insecticides (excluding goods of subheading 3808.50)	0.00	35.96	3.41	5
300590	Wadding, gauze, bandages and the like, e.g. dressings, adhesive plasters, poultices, impregnated ...	0.00	1.64	3.02	30
710310	Precious stones and semi-precious stones, unworked or simply sawn or roughly shaped, whether ...	0.00	0.16	3.02	30
999999	Commodities not elsewhere specified	0.00	75.54	2.63	-
252010	Gypsum; anhydrite	0.00	0.09	2.61	30
300450	Medicaments containing provitamins, vitamins, incl. natural concentrates and derivatives thereof ...	0.04	55.62	2.50	5
420211	Trunks, suitcases, vanity cases, executive-cases, briefcases, school satchels and similar containers, ...	0.00	0.04	2.45	30
280610	Hydrogen chloride "hydrochloric acid"	0.00	0.00	2.42	5
281511	Sodium hydroxide "caustic soda" solid	0.00	31.39	2.36	5
320890	Paints and varnishes based, incl. enamels and lacquers, on synthetic polymers or chemically ...	0.00	12.80	2.23	30
680221	Marble, travertine and alabaster articles thereof, simply cut or sawn, with a flat or even ...	0.00	3.09	2.19	30
481910	Cartons, boxes and cases, of corrugated paper or paperboard	0.00	1.90	2.11	30
281700	Zinc oxide; zinc peroxide	0.00	0.68	2.04	5
320417	Synthetic organic pigments; preparations based on synthetic organic pigments of a kind used ...	0.00	5.80	1.95	5
251910	Natural magnesium carbonate "magnesite"	0.00	0.02	1.92	10
252390	Cement, whether or not coloured (excluding portland cement and aluminous cement)	0.00	0.04	1.79	30
640299	Footwear with outer soles and uppers of rubber or plastics (excluding covering the ankle or ...	0.00	4.00	1.67	30
283630	Sodium hydrogencarbonate "sodium bicarbonate"	0.00	3.73	1.65	5
420229	Handbags, whether or not with shoulder strap, incl. those without handle, with outer surface ...	0.00	0.05	1.62	30
300510	Adhesive dressings and other articles having an adhesive layer, impregnated or covered with ...	0.00	1.58	1.57	30
350510	Dextrins and other modified starches, e.g. pregelatinised or esterified starches	0.00	3.42	1.51	10
650610	Safety headgear, whether or not lined or trimmed	0.00	0.39	1.41	30
420292	Travelling-bags, insulated food or beverage bags, toilet bags, rucksacks, shopping-bags, map-cases, ...	0.00	1.72	1.36	30
330420	Eye make-up preparations	0.00	1.05	1.35	30
381511	Supported catalysts with nickel or a nickel compound as the active substance, n.e.s.	0.00	1.16	1.30	5
380991	Finishing agents, dye carriers to accelerate the dyeing or fixing of dyestuffs, and other products ...	0.00	16.78	1.26	5

## SECTOR DEVELOPMENT GROUP

293339	Heterocyclic compounds with nitrogen hetero-atom[s] only, containing an unfused pyridine ring, ...	0.00	2.01	1.22	5
260800	Zinc ores and concentrates	0.00	117.47	1.21	5
300310	Medicaments containing penicillins or derivatives thereof with a penicillanic acid structure, ...	0.00	0.74	1.20	5
482110	Paper or paperboard labels of all kinds, printed	0.00	0.95	1.17	30
640359	Footwear with outer soles and uppers of leather (excluding covering the ankle, incorporating ...	0.00	0.21	1.17	30
252321	White portland cement, whether or not artificially coloured	0.00	0.70	1.15	30
320414	Direct synthetic organic dyes; preparations based on direct synthetic organic dyes of a kind ...	0.00	1.81	1.10	5
680229	Monumental or building stone and articles thereof, simply cut or sawn, with a flat or even ...	0.00	0.05	1.10	30
330790	Depilatories and other perfumery, toilet or cosmetic preparations, n.e.s.	0.00	1.39	1.08	30
260200	Manganese ores and concentrates, incl. ferruginous manganese ores and concentrates, with a ...	0.00	7.77	1.06	5
481092	Multi-ply paper and paperboard, coated on one or both sides with kaolin or other inorganic ...	0.00	19.27	1.02	10
380290	Activated kieselguhr and other activated natural mineral products; animal black, whether or ...	0.78	1.96	1.00	10
340510	Polishes, creams and similar preparations, for footwear or leather, whether or not in the form ...	0.00	2.00	1.00	30
	<b>Total</b>	<b>7.90</b>	<b>6,027</b>	<b>3,492</b>	

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