Investment attractiveness of the pharmaceutical industry of the Republic of Uzbekistan
CONTENTS

1 Organisational Structure of the Agency
2 Market overview
3 Conditions in the pharmaceutical industry
4 Offers for potential investors
RESPONSIBILITIES OF THE AGENCY

State regulation of the pharmaceutical industry, including through state registration, standardization, certification, technical regulation of pharmaceutical products, as well as licensing of pharmaceutical activities.

Implementation of a strategy for the sustainable development of the pharmaceutical industry, including through the introduction of modern mechanisms of state support for the industry.

Organization of the study of the pharmaceutical market, conducting a systematic analysis of the provision of the population and healthcare institutions with pharmaceutical products, developing proposals on its basis for further saturation of the domestic market and localization of production.

Assistance to industry enterprises in organizing cooperation with leading foreign pharmaceutical companies in developing new types of high-quality pharmaceutical products competitive in the domestic and foreign markets.
STRUCTURE OF THE AGENCY

State Center for Expertise and Standardization of Medicines, Medical Devices and Medical Equipment

Uzbek chemical-pharmaceutical Research Institute

Tashkent Scientific Research Vaccine and Serum Institute

Research Institute “Eastern medicine”

Scientific industrial pharmaceutical cluster “Tashkent Pharma Park”
Population of Republic of Uzbekistan

34 Million

Birth rate –
600 000 per year

Total population of Central Asia –
more than 110 Million

*for the 1st January 2020
1.3 Billion USD
Total Pharmaceutical Market

Approximately 9750 products are actively in the market

2634 names of medicines, 284 names of medical devices and 84 types of medical equipment are produced by local manufacturers

Annually 600 new products is approved

*for the 1st January 2020*
<table>
<thead>
<tr>
<th>Manufacturers of medicines</th>
<th>94</th>
</tr>
</thead>
<tbody>
<tr>
<td>Manufacturers of medical equipment</td>
<td>25</td>
</tr>
<tr>
<td>Manufacturers of medical devices</td>
<td>70</td>
</tr>
<tr>
<td>Manufacturers of both medicines and medical devices</td>
<td>13</td>
</tr>
<tr>
<td><strong>Total number of manufacturers</strong></td>
<td><strong>202</strong></td>
</tr>
</tbody>
</table>

| ISO 9001 | 40 |
| GMP international certificates | 1 |
| Local GMP certificates | 10 |
| **Total number of manufacturers with certificates of conformity** | **51** |
Production capacity (in mln. packaging)

production capacity (in trillion sum)

2017  2018  2019  2020 (first half)
Export potential

Nowadays, 237 names of medicines and 9 names of medical products from 26 domestic pharmaceutical companies are registered in 18 countries of the near and far abroad.

In particular, medicines from more than 25 pharmacotherapeutic groups and more than 1 types of medical equipment are exported to countries such as the United States of America, Germany, Russia, China, France, Switzerland, Kazakhstan, Turkmenistan and others.

In the process of registration, there are 199 names of medicines and medical devices in 9 countries.
For 2018 - 2019 Implemented **50 investment projects**
worth more than 150 million US dollars

Including, in the territory of pharmaceutical FEZ
**11 projects were implemented**
in the amount of 70 million US dollars

Domestic pharmaceutical production in 2019
increased by 3 times in financial
and 4 times in quantitative terms
compared with 2014.

The number of manufacturers increased
by more than 30%
compared to 2014.

**Dynamics of growth of the Pharmaceutical Industry**
*(in quantitative terms)*

**Dynamics of growth of Manufacturing Sites**
*(in financial terms)*

*in accordance with No PD-4554 dated 12/30/2019*
EXPECTED GROWTH IN THE PHARMACEUTICAL INDUSTRY

The volume of export of domestic pharmaceutical products (in Mln. Usd)

<table>
<thead>
<tr>
<th>Year</th>
<th>2019</th>
<th>2020</th>
<th>2021</th>
<th>2022</th>
<th>2023</th>
<th>2024</th>
</tr>
</thead>
<tbody>
<tr>
<td>Value</td>
<td>28</td>
<td>35</td>
<td>40</td>
<td>55</td>
<td>70</td>
<td>85</td>
</tr>
</tbody>
</table>

Growth in the number of domestic pharmaceutical enterprises

<table>
<thead>
<tr>
<th>Year</th>
<th>2019</th>
<th>2020</th>
<th>2021</th>
<th>2022</th>
<th>2023</th>
<th>2024</th>
</tr>
</thead>
<tbody>
<tr>
<td>Total amount</td>
<td>4</td>
<td>6</td>
<td>10</td>
<td>14</td>
<td>18</td>
<td>20</td>
</tr>
<tr>
<td>Foreign pharmaceutical companies</td>
<td>191</td>
<td>196</td>
<td>203</td>
<td>209</td>
<td>215</td>
<td>220</td>
</tr>
</tbody>
</table>

Share of domestic medicines | Share of foreign medicines

The volume of release of domestic dosage forms in monetary terms (in %)

<table>
<thead>
<tr>
<th>Year</th>
<th>2019</th>
<th>2020</th>
<th>2021</th>
<th>2022</th>
<th>2023</th>
<th>2024</th>
</tr>
</thead>
<tbody>
<tr>
<td>Value</td>
<td>73</td>
<td>70</td>
<td>65</td>
<td>60</td>
<td>55</td>
<td>50</td>
</tr>
</tbody>
</table>

GMP Certification of Domestic Pharmaceuticals

<table>
<thead>
<tr>
<th>Year</th>
<th>2019</th>
<th>2020</th>
<th>2021</th>
<th>2022</th>
<th>2023</th>
<th>2024</th>
</tr>
</thead>
<tbody>
<tr>
<td>Certified</td>
<td>9</td>
<td>40</td>
<td>70</td>
<td>100</td>
<td>100</td>
<td>100</td>
</tr>
<tr>
<td>Not certified</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
</tr>
</tbody>
</table>

in accordance with No PD-4554 dated 12/30/2019
CONDITIONS
IN THE PHARMACEUTICAL INDUSTRY
<table>
<thead>
<tr>
<th>Created Terms for Investors</th>
</tr>
</thead>
</table>
| **Decree of the President of the Republic of Uzbekistan**  
No. DP-4554 dated 12/30/2019 “About additional measures for deepening reforms in the pharmaceutical industry of the Republic of Uzbekistan”  
**“Reducing imports of medicines through modernization, increasing existing production capacities and the development of new types of medicines, as well as by attracting investments”**. |
| **Decree of the President of the Republic of Uzbekistan**  
No. DP-5707 dated 04/10/2019 “On further measures to accelerate the development of the pharmaceutical industry of the republic in 2019 - 2021”  
**“When making state purchases of medicines and medical supplies, the state customer rejects all applications containing proposals for the supply of imported medicines and medical supplies, if there are two or more participants - domestic producers of similar products”**. |
| **The Law of the Republic of Uzbekistan**  
No. LRU-598 dated 25/12/2019, “On Investments and Investment Activities”  
**“In the event that subsequent legislation of the Republic of Uzbekistan worsens the conditions for investment then for investors within ten years from the date of investment the legislation in force on the date of investment is applied”**. |
| **Decree of the President of the Republic of Uzbekistan**  
No. DP-5032 dated 05/04/2017 “On the creation of free economic zones”  
**“Create free economic zones “Zomin-Pharm”, “Kosonsoy-Pharm”, “Sirdaryo-Pharm”, “Boysun-Pharm”, “Bustonlik-Pharm” and “Parkent-Pharm””**. |
FEZ PARTICIPANTS ARE EXEMPTED FROM:

- Land tax
- Property tax
- Single tax payment
- Tax on the improvement and development of social infrastructure
- Payment of extra-budgetary funds for the reconstruction of educational and medical institutions
- Admission to the Republican Road Fund
- Customs payments for raw materials, equipment and components

TERM FOR PREFERENCES:

- from 0.3 up to 3 million
  up to 3 years
- from 3 up to 5 million
  up to 5 years
- from 5 up to 10 million
  up to 7 years
- from 10 million
  up to 10 years
  and more*
Filing an application by Investor

Consideration of the possibility of implementing the project, transfer of the application to the Administrative Council of the FEZ (in 2 working days)

Making the decision to place an investment project by FEZ Governing Body (in 5 working days)

Granting the status of a FEZ participant by Directorate of FEZ (in 1 working day)

Package of Documents –
1. Investment Application,
2. Business-plan,
3. Information about investors working experience,
4. Information on the financial and economic activities of the investor.

PHARMACEUTICAL FREE ECONOMIC ZONES
State Center for Expertise and Standardization of Medicines, Medical Devices and Medical Equipment

Pharmaceutical University with an international Diploma

Research and Development Centers, Research Laboratories, Vivarium, Pharmacopeia Center

Symposium center, Hotel, Accommodations for international teachers, specialists, students

Industrial zone for the implementation of innovative projects for the production of pharmaceutical products
OFFERS FOR POTENTIAL INVESTORS
### List of groups of drugs recommended for localization of production in the republic in 2019 – 2021

<table>
<thead>
<tr>
<th>Category</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Antibiotics</td>
<td></td>
</tr>
<tr>
<td>Medicines for the treatment of pathology of the endocrine system</td>
<td></td>
</tr>
<tr>
<td>Nonsteroidal anti-inflammatory drugs</td>
<td></td>
</tr>
<tr>
<td>Antiviral drugs</td>
<td></td>
</tr>
<tr>
<td>Medicines for the treatment of pathology of the gastrointestinal tract</td>
<td></td>
</tr>
<tr>
<td>Immunobiological medicines</td>
<td></td>
</tr>
<tr>
<td>Medicines for the treatment of pathology of the respiratory system</td>
<td></td>
</tr>
<tr>
<td>Medicines for the treatment of cardiovascular diseases</td>
<td></td>
</tr>
<tr>
<td>Medicines for the treatment of oncological diseases</td>
<td></td>
</tr>
<tr>
<td>Diaskin tests for early detection of tuberculosis infection in children</td>
<td></td>
</tr>
</tbody>
</table>
AGENCY ON DEVELOPMENT OF THE PHARMACEUTICAL INDUSTRY
UNDER THE MINISTRY OF HEALTH OF THE REPUBLIC OF UZBEKISTAN

http://uzpharmagency.uz/

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