



Co-funded by the
Erasmus+ Programme
of the European Union



**TASHKENT STATE
AGRARIAN UNIVERSITY**

The project “New Master’s Degree Curricula for Sustainable Bioeconomy in Uzbekistan” (BioEcUz)

No 619294-EPP-1-2020-1-LV-EPPKA2-CBHE-JP

THE SECOND Bioeconomy Forum in UZBEKISTAN

IMPACT AND CHALLENGES OF SECTORAL BIOECONOMY POLICY ON DEVELOPMENT OF SUSTAINABLE AGRICULTURE

Student: RUFINA BIKTIMIROVA

Academic adviser: FIRUZA GALIMOVA

Tashkent, May 2023

IMPACT AND CHALLENGES OF SECTORAL BIOECONOMY POLICY ON DEVELOPMENT OF SUSTAINABLE AGRICULTURE

CONTENT

- 1 IMPORTANCE OF SUSTAINABLE DEVELOPMENT
- 2 MAIN PROBLEMS
- 3 HOW TO SOLVE PROBLEMS
- 4 MAIN POLICIES ADOPTED BY GOVERNMENT
- 5 RESEARCH SCOPE AND TASKS

IMPORTANCE OF SUSTAINABLE DEVELOPMENT

THE POLICY FOCUSES ON TRANSFORMING THE AGRICULTURE SECTOR BY MAXIMIZING ITS POTENTIAL, MINIMIZING WASTE, AND CREATING A CIRCULAR ECONOMY FOR AGRICULTURE PRODUCTS.

CRUCIAL FOR FOOD SECURITY

Sustainable agriculture practices help to ensure that food is produced efficiently and sustainably, without degrading the natural resources that are essential for food production.



Sustainable agriculture practices, such as agroforestry, conservation agriculture, and organic farming, can reduce greenhouse gas emissions by sequestering carbon in the soil, reducing the use of fossil fuel, and promoting biodiversity.

CRITICAL ROLE IN MITIGATING CLIMATE CHANGE

ESSENTIAL FOR PROTECTING BIODIVERSITY AND NATURAL RESOURCES

By using sustainable agriculture practices, farmers can conserve natural resources, protect wildlife habitats and promote biodiversity, all of which contribute to a healthier planet



Sustainable agriculture practices can help to create jobs, support local businesses, and improve the economic viability of rural communities. By promoting local food systems and supporting small-scale farmers, sustainable agriculture can help to create more equitable and sustainable food system.

SUPPORTS LOCAL COMMUNITIES AND ECONOMIES

MAIN PROBLEMS:

Government has adopted strategies and roadmaps for the transition to a green economy to achieve sustainable development, solving the problems facing the bioeconomy, the priorities of which are:

PRIORITIES

1

Ensuring food security of the population

2

Creation of a transparent system of industry statistics

3

Rural development

4

Development of science, education, information and consulting services in agriculture

5

Gradual diversification of public spending in support of the sector

6

Development of modern public administration systems

7

Ensuring the rational use of natural resources and environmental protection

8

Reducing the role of the state in the management of the sphere and increasing investment attractiveness

9

Creating a favorable agribusiness climate and value chains

HOW TO SOLVE PROBLEMS

TO ACHIEVE SUSTAINABLE DEVELOPMENT, IT IS NECESSARY:

COLLABORATION AND PARTNERSHIP

- Collaboration and partnership are essential to mobilize resources, share knowledge and expertise, and develop innovative solutions to complex sustainability challenges.
- To incorporate sustainable practices in all sectors of society, including business, government, and individuals.



STRONG POLITICAL LEADERSHIP

- Political leaders need to prioritize sustainable development and take concrete actions to implement policies and initiatives that promote sustainability.
- To continuously monitor and evaluate progress towards sustainability goals and adjust policies and practices accordingly.
- To support and invest in renewable energy and waste reduction measures to minimize environmental impact.

INNOVATION AND TECHNOLOGY

- Innovation and technology play a critical role in achieving sustainable development.
- Advances in technology can help to reduce environmental impacts, increase efficiency, and create new opportunities for sustainable economic growth.

EDUCATION AND AWARENESS

- It is important to raise awareness among the public about the importance of sustainability and to provide education and training to enable individuals to make informed decisions and take actions that promote sustainability.

INTEGRATED PLANNING AND MANAGEMENT

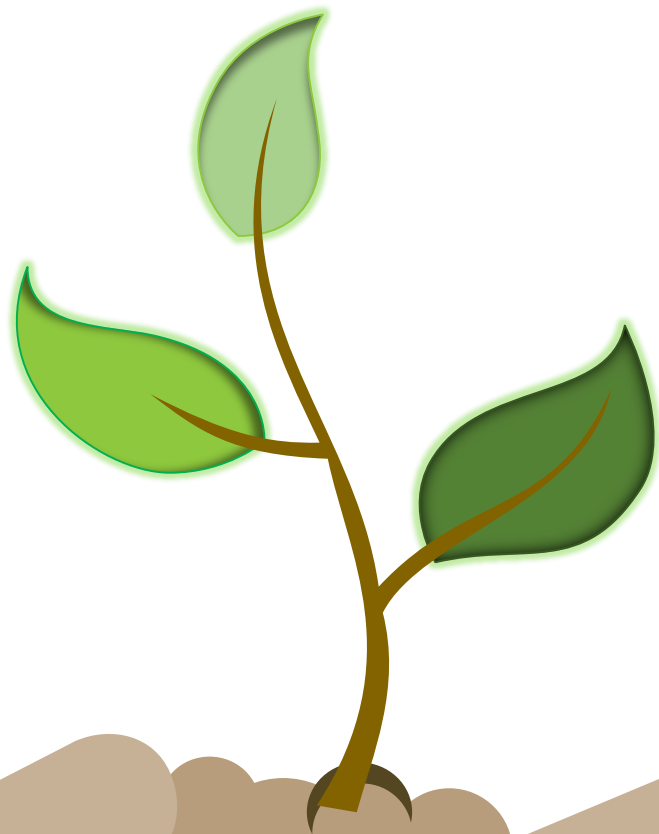
- Sustainable development requires integrated planning and management at all levels.
- This means that economic, social, and environmental considerations need to be taken into account when developing policies and initiatives to ensure that they are sustainable over the long term.

MAIN POLICIES ADOPTED BY GOVERNMENT

- 01** ON NOVEMBER 11, 2018
RATIFIED THE PARIS AGREEMENT
- 02** ON JULY 8-9, 2019
TASHKENT HOSTED A REGIONAL MINISTERIAL CONFERENCE OF EUROPEAN AND CIS COUNTRIES ON THE "GREEN" ECONOMY
- 03** ON NOVEMBER 5, 2019
STRATEGY FOR THE TRANSITION TO A "GREEN" ECONOMY FOR THE PERIOD 2019-2030
- 04** ON NOVEMBER 24, 2019
PRESIDENTIAL DECREE ON THE APPROVAL OF THE STRATEGY FOR THE DEVELOPMENT OF AGRICULTURE FOR 2020-2030
- 05** ON DECEMBER 2, 2022
THE PRESIDENTIAL DECREE ON MEASURES TO IMPROVE THE EFFECTIVENESS OF REFORMS AIMED AT THE COUNTRY'S TRANSITION TO A "GREEN" ECONOMY BY 2030 .



TO ACHIEVE SUSTAINABLE DEVELOPMENT IN UZBEKISTAN RESEARCH WILL COVER AND CONSIDER FOLLOWING TASKS:



- ❖ to analyze the current situation of the legislative and legal framework in Uzbekistan
- ❖ to explore strategies, laws and development of sustainable development in agricultural sector
- ❖ to review the strategies in developed countries such as USA, Japan and EU, and identify problems together with approaches to their solution
- ❖ to identify relevant solutions to problems that can be adapted to our climatic conditions.

FIRST OF ALL, OUR STATE SHOULD PAY ATTENTION TO:

01. RESEARCH AND DEVELOPMENT:

The development of new technologies and innovations will be crucial to the growth of bioeconomy. Investment in R&D, as well as collaboration between the private and public sector is necessary for success.

02. EDUCATION AND AWARENESS:

Education and awareness-raising campaigns can help to promote the bioeconomy to stakeholders and the general public.

03. STRONG POLITICAL COMMITMENT:

There must be a clear and strong commitment from political leaders to support the shift towards a bioeconomy. This includes the enactment of supportive legislation, policies, and regulations.

04. FINANCING:

Adequate financing will be essential to support the development of the bioeconomy. Public-private partnerships and risk-sharing mechanisms can help to leverage private investment and unlock financing opportunities. In conclusion, a comprehensive policy framework that addresses these key elements is necessary for transitioning to bioeconomy.



**THANKS
FOR
ATTENTION**