Research on the recycling path of cleaner production in agriculture and animal husbandry from the perspective of sustainable development

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Abstract. The sustainable development of population, resources and environment is an important research direction and hot topic in academic circles. Based on the perspective of sustainable development how to improve the use efficiency of materials, resources and energy, develop low-carbon economy through green production methods and ways and realize the dual effects of economic growth and ecological cycle coordinated development. Based on the clean production and recycling of agricultural and animal husbandry waste resources in the plateau, this paper discusses how to tap the production potential of agricultural and animal husbandry waste resources, reduce environmental pollution, change energy flow and realize value-added from the perspective of resource utilization, industrial innovation, environmental evaluation and value-added. Finally, it provides the way method and direction for the future clean production and recycling of plateau animal husbandry waste resources, and provides innovative theoretical basis and ideas for actively promoting and accelerating the sustainable development of clean production and construction of plateau animal husbandry waste resources. The relevant research results provide strategic guidance and scientific and technological support for the future high-quality development of plateau agriculture and animal husbandry, It is only for social and academic discussion and exchange.

1. Introduction
From the perspective of sustainable development, the concept of circular development of agriculture and animal husbandry attaches importance to cleaner production, circular economy and environmental comfort. Among them, cleaner production is based on the rational and effective use of practical technologies, methods and methods and the improvement of resource utilization efficiency. In the production process, waste resources are reduced, recycled and recycled Harmless treatment process is an important branch and component of sustainable development, which can meet the needs of human production, survival, environmental balance, economic development and fully reflect the unity of economy, environment and society. Cleaner production of agriculture and animal husbandry mainly involves the repeated clean process of production source, production process and production end. It is a harmless process of waste minimization, resource utilization maximization and treatment. Circular economy focuses on the economic needs of the development of related industries. It takes the recycling of waste resources and related factors as the theme to promote the change and improvement of the capital profit rate of cycle consumption cycle consumption. The concept of circular economy is
a model of innovative technology economy with interdisciplinary and branches integrated into the development of agriculture and animal husbandry\cite{1,2}. It is a new type of economic operation mode, people-oriented production and life style, clean production as the breakthrough point, the minimum input to obtain the best output and income target economic operation system. It always adheres to the "5R" theoretical principle of "reduction, reuse, recycling, rethinking, and repair", involving different regions, regions, and regions. Industries, enterprises and regional producers have different operation modes, methods and perspectives, and basically follow the basic theoretical basis of "5R". Environmental comfort is the thought expansion of human environment. Human beings need to improve the ecological environment, enhance human satisfaction and feel happy from the basic shortage of life and production to the pursuit of happiness and high quality. It fully embodies the balanced development and mutual restriction of the connotation of clean production environment and the harmony between human and nature. Sustainable development is to serve human beings. The sustainability of resources and environment is closely related to human happiness index. To realize the integration of reduction, minimization and optimization of agricultural and animal husbandry resources, realize the integration development of pollution emission minimization, production maximization and economic maximization, and effectively promote the coordinated development and mutual unity of agricultural and animal husbandry economic development and ecological environment construction\cite{3}.

2. The path of cleaner production and recycling of agriculture and animal husbandry from the perspective of sustainable development

How to realize the long-term construction and development of cleaner production and recycling of agriculture and animal husbandry from the perspective of sustainable development, cleaner production of agriculture and animal husbandry mainly involves four main influencing factors: inorganic environment, producers, consumers and decomposers, among which inorganic environment mainly involves natural substances such as sunlight, temperature, water, oxygen and organic elements. It is the material basis of all natural resources; Producers are the primary producers who transform the inorganic materials of natural resources such as water, sunlight and soil into green organic materials; Consumers are secondary producers who use green plants and animals for production and reuse; Decomposer is the use of microorganisms and corrosive animals to excrete, decompose and transform, and ultimately return to the natural ecosystem. Agricultural and animal husbandry production system is regulated and intervened by natural environment, agricultural and animal husbandry production and human beings, forming a large number of ecological environment systems. Different development stages and forms promote each other, different ecological systems are open and dissipative, restricted by environmental, technological, ideological and economic factors, they are changeable, and they always follow the natural and economic principles. The guidance of scientific laws has the characteristics of manipulation and obedience under the guidance of science and technology.

2.1. Analysis on the development path of clean production of agriculture and animal husbandry from the perspective of utilization of agricultural and animal husbandry resources

The first consideration of clean production in agriculture and animal husbandry is the "input of agriculture and animal husbandry", the amount of input, investment combination, input mode and method, etc., and always adhere to the operation mode of "input product production waste reproduction new product", minimize the input intensity of resources, give full play to the mode of resource combination, and produce the best economic benefits. Minimize waste emission, improve the efficiency and methods of agricultural resources utilization, develop new ways and new ideas for recycling waste resources and microbial resources, minimize resource utilization pressure and release the potential of resource development by using science and technology and methods, and ensure safety, energy saving, low consumption, environmental protection and environmental protection. The modern agricultural and animal husbandry development mode with high efficiency and sustainable development as one.
2.2. Analysis on the development path of cleaner production of agriculture and animal husbandry from the perspective of industrial innovation

Cleaner production of agriculture and animal husbandry is one of the branches of the comprehensive management production process of the construction and development of circular economy. The integrated development of industrial innovation is the direction of sustainable development of circular agriculture in the future. How to effectively extend the development of cleaner production industry chain, and effectively establish the organic combination, collaborative development and symbiotic coupling relationship of internal elements of cleaner production construction. It is of practical significance to comprehensively improve the production efficiency and sustainable development ability of cleaner production of agriculture and animal husbandry. Regional cleaner production of agriculture and animal husbandry should integrate and develop innovative development ideas based on the characteristics of regional development, industrial development layout, resource distribution law, market distribution, resource factor endowment, environmental capacity, ecological environment characteristics and win-win concept of cooperation, According to local conditions and reasonable combination, we should give full play to the industrial economy of cleaner production, and give consideration to the mutual unity of economy, society and ecology.

2.3. Analysis of cleaner production development path of agriculture and animal husbandry from the perspective of environmental assessment

The construction and development of ecological environment protection and improvement is not only an important task of cleaner production in agriculture and animal husbandry, but also the fundamental task of cleaner production construction and development in agriculture and animal husbandry. It involves planting industry, breeding industry, forestry, fishery and biomass industry in the micro field. A leading industry in the field is the main body and other fields are complementary. Based on the capacity of natural resources and environmental construction of agriculture and animal husbandry, we mainly adopt the innovative technology system of efficient utilization and optimal combination of agriculture and animal husbandry resources, create the research direction of ecological environment protection and new energy development, and create a new situation of environment-friendly and improved agriculture and animal husbandry production and construction. From the micro level, the development of cleaner production in agriculture and animal husbandry is mainly in the form of farmers' and herdsmen's cooperatives, contracts and joint-stock system, which are jointly committed to the mutual benefit of the business community. It is clear that the economic interests of sharing risks and benefits are to improve the utilization rate of resources and waste and reduce the emission of pollutants; In the middle level, the construction of multi-functional demonstration area is mainly led by relevant departments and industries for efficient utilization and development of resources, and the demonstration base for ecological environment management and improvement and development of high-quality ecological agriculture and animal husbandry production is taken as a model; At the macro level, we should take regional economic development as the carrier, encourage and support social grid as the unit, green consumption as the goal, agricultural and animal husbandry structural adjustment and ecological construction as the way, effectively promote the reuse, mutual transformation, coordination and complementarity of resources, products, consumption and wastes in agriculture, forestry, animal husbandry and sideline fishery industries, and fully build a harmonious and complementary environment Clean production development concept of sharing service.

2.4. Analysis on the development path of cleaner production in agriculture and animal husbandry from the perspective of value added

The development of cleaner production in agriculture and animal husbandry is a powerful measure to enhance the value-added of resource system and promote the effective function of agriculture and animal husbandry resources. The value-added is mainly manifested in two main aspects: one is the value-added value generated in the process of recycling, reuse and reproduction of waste resources in the production and construction of agriculture and animal husbandry, mainly including the
classification of waste resources, the utilization of waste resources and the utilization of waste resources Energy conversion, renewable utilization, resource function and optimal combination utilization of resources can achieve circular, efficient and sustainable reuse through different measures; The second is the value-added services of agricultural and animal husbandry products through different levels of processing, including the transformation of raw materials to products, the differentiation and combination of primary processing products, secondary processing products and classified products, so as to realize different levels of value-added activities of agricultural and animal husbandry products. Agricultural and animal husbandry products produce external products and deep processing at the same time produce agricultural and animal husbandry waste and other materials. Agricultural and animal husbandry waste and other materials are used for agricultural and animal husbandry reproduction to meet the needs of agricultural and animal husbandry economic construction and development, and promote the gradual development of agriculture and animal husbandry.

3. Expectation
The development of circular agricultural economy is one of the long-term strategies put forward by the state for high-quality development. As a circular economy, it is a dynamic development mode of harmonious coexistence between man and nature. It takes the scientific and technological innovation of agriculture and animal husbandry as the main body, and a variety of interdisciplinary integration and complementarity as the auxiliary. Combined with the actual production of agriculture and animal husbandry, it carries out the research on cleaner production of agriculture and animal husbandry, which involves the production construction of agriculture and animal husbandry, the construction of agricultural and animal husbandry, the development In order to realize the joint development of ecological environment and economic benefits of agriculture and animal husbandry from the perspective of sustainable development of agriculture and animal husbandry. Actively accelerate and promote the modernization of circular agriculture, find out the breakthrough of new rural industrial development, vigorously carry out the development and utilization of renewable resources in related industries such as resource conservation and environmental protection, comprehensive utilization of waste, clean production and harmless treatment, continuously improve the sustainable development ability of agriculture, and realize the sustainable development of circular agriculture, ecological agriculture and organic agriculture[4][5]

"Research on Cleaner Production and Recycling Path of Agriculture and Animal Husbandry from the Perspective of Sustainable Development" is to point out the direction and road for the future. To promote standardization of agricultural production in the future construction of system, farming and animal husbandry down-stream resource utilization and alternative system, the restoration and soil increase recovery system of origin and agricultural wastes and utilization of clean production system, production system to prevent and control pollution and environmental protection, quality and safety of agricultural products production grading system as well as the relevant farming and animal husbandry production and construction has the vital significance. The research on the recycling path of clean production in agriculture and animal husbandry is a combination of theory and practice. Combining economics, management and other related disciplines, this paper puts forward relevant ideas from four perspectives, which is only for academic reference study and academic exchange.

4. Conclusion
With the construction system of high-quality industry development proposed by the state, the development of agriculture and animal husbandry is facing great challenges and opportunities. Resources and environment are the two main core foundations of cleaner production of agriculture and animal husbandry. No matter what disciplines, ideas, processes and branches are involved, the sustainable development concept is interpreted with resources and environment as the research object, that is, resources are fully, reasonably and effectively utilized Environmental improvement and the times keep pace with the times. The production and construction of plateau agriculture and animal husbandry should focus on the clean production of agriculture and animal husbandry, take efficient circular economy utilization as t
he way, and take sustainable development as the long-term goal, fully combine the coordinated and sustainable development of human and natural environment, carry out effective theoretical exploration and innovation in related disciplines, and put forward innovative economic theoretical basis and research direction. In order to lay a theoretical foundation for the sustainable development of cleaner production of agriculture and animal husbandry, facing the heavy tasks and challenges of high-quality development of plateau agriculture and animal husbandry in the future, it is not only a new requirement for the development of agricultural economy in plateau agriculture and animal husbandry region, but also one of the construction trends of socialist new Tibet, new era and new development. From the perspective of sustainable development, cleaner production and recycling of agriculture and animal husbandry is the inevitable choice and the only way for the development of plateau agriculture and animal husbandry in the future.

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