

Global Simulation Gaming Report

京都学園中学高等学校SGH事業の一環として、毎年1月に開催されるGlobal Simulation Gamingに2019年から新たにJournalism Actorとして「BBC News」が加わりました。

以下は、「BBC News」によるPreliminary reportです。お楽しみください。



As part of the Global Simulation Gaming, which is held at Kyoto Gakuen as part of the Super Global High School Project in January every year, a journalism actor has been added this year.

What follows is a preliminary report by the BBC actor.
Please enjoy.

China



China is home to 1.4 billion people. The statistic in 2015 indicates that, it has a total land area of approximately 938,820,000 ha. The cultivated area accounted for 14.4% of the total area, and the grasslands including sown pastures and rangeland made up 41.8% of it. The farmland per farmer is 1 ha. In addition, the agricultural production accounted for 7.9% of GDP.

Kotoha Tanigawa takes the role of Chinese President, Xi Jinping. Mayuki Shimada plays the role of Environment Minister. Yuina Takada acts as the Agriculture Minister, and Eimi Nishida takes the role of the Finance Minister.

They said that farmers in China own relatively small lands. Also, their income is low and the amount of investment is not sufficient.

In the interview, they seemed to hide some information.

In GSG, the country aims to activate the domestic industry through policies against foreign countries such as restrictions of trade. When it comes to domestic affairs, they hope to establish the sustainable development of agriculture. In order to achieve this, they will develop rural economy and increase the income of farmers.

Kazuto Nakano, BBC News

Brazil



Brazil has a population of about 200 million people. The total land is 835,810,000 ha. In 2015, the cultivated land accounted for 10% of this, while the grasslands including sown pasture and rangeland made up 23.5%. The agricultural area per farmer is 26.3 ha. The agricultural production accounts for 4.6% of GDP.

In GSG, the President Jair Bolsonaro is acted by Hyundong Lyou. Naoma Miyake takes the role of the Foreign Minister. Kaoruko Noda plays the role of the agriculture minister, and Kirari Yasui acts as the Finance Minister.

They think that the situation is acute. The president said that they hold a big problem of burning Amazon and they are trying to stop it. While big farmers own big lands, small farmers are suffering from the lack of money. They believe that the education for farmers is not sufficient. And this has resulted in the lack of understanding of the economy.

In fact, (reality) the Brazilian president believes that the international criticism is not fair, and has rejected a \$20 million offer from G7 countries.

In GSG, the country is trying to improve the quality of education as a priority, in order for farmers to better understand about agriculture. They believe that schools can provide children with opportunities to join local communities, and the relationships built there will enable them to cooperate in businesses. Also, they consider coming up with an idea to ensure lands not by burning Amazon as important, too.

Kazuto Nakano, BBC News

Vietnam



Vietnam has a population of about 95 thousands hundreds people. The total land area is 310,100,000. The cultivated land made up 35.7% of the land area, while the grasslands, including sown pasture and rangeland accounted for 2.1 of it. The farmland area per farmer is 0.4 ha. And the percentage of agricultural production accounts for 15.3% of GDP.

Keisho Kanyama is taking the role of the Vietnamese prime minister Nguyen Xuan Phuc (グエン・スアン・フック). The vice prime minister also serving as foreign minister is acted by Kazuto Uchiyama. Akichika Yanagawa takes the role of the Agricultural and Rural Development minister, and Kanae Takahashi plays the role of the finance minister.

According to the president, 65% of the total production of rice is produced by small-scale farmers who own less than 6.5 hectares of land. They also have set the policies of Doi Moi since 1986. These policies have been set to Introduce and facilitate capitalism economy in Vietnam. While the country has been modernised, there has been a decrease in the number of farmers. The president and Kubota, a Japanese business, has cooperated with farmers. It seems that the government holds forward-looking attitudes towards the issue.

They hope to cooperate with Kubota to improve domestic agriculture through technologies. Also, having an issue of land, they want to increase the farmland in order to improve agricultural productivity and the quality of products by promoting mechanisations.

Kazuto Nakano, BBC News.

Philippines



Philippine has a population of 106,651 thousand. Its total land area is approximately 29820 thousand ha with the cultivated land of 10940 thousand ha and grass lands including sown pasture of 1500 thousand which account for 36.7%, and 5.0% of the total land area. On average, individual farmers have 0.9 ha farm land. The GDP from agriculture occupies 9.7% of total GDP.

In this GSG, Yuma Nakamura takes the role of President of Philippine, Rodrigo Duterte, Tsukasa Ikuta takes the role of Agriculture Minister, Maki Yasumoto takes the role of Finance Minister, and Yuki Tsukamoto takes the role of Environment Minister.

President said that the agricultural situation of their country is not good. 24% of all labours in Philippine is engaged in agricultural sector. And most of them are low income labours from country side. President continued that Philippine had a agricultural economic growth of +0.8% whereas the nation records the economic growth of approximately 6% yearly. Improvement of infrastructure, productivity and promoting sharing machinery are raised as the goal of the nation.

Kagemasa Akamatsu, BBC News

Australia



Australia is an agricultural power. This nation has just 24,898 thousand people in huge 768230 thousand ha land. Cultivated and grass land respectively occupy the 6.0% and 41.6% of this. So the agricultural land per person(who engages in agricultural sector) shows the great number of 879.6 ha. The GDP from agricultural products shows relatively high number of 2.8%.

In GSG, Sakiho Matsuo takes the role of Prime Minister, Scott Mollison, Rin Koda takes the role of Foreign Minister, Nagisa Siroshita takes the role of Finance Minister and Kano Ogura plays the Trade Minister.

Against to its attractive numbers about agriculture, finance, living expenses, unemployment, poverty gap and economic issues are raised as national issues by local Australians. Prime Minister said that the nation now has plenty resources underground, however, as the sea level increases by global warming, the seaside land absorbs the salt. Then, it turns to the soil which are not suitable for agriculture in the future. This nation have not made their goal explicit to outside, but whatever the priority is, this fact is unavoidable and the important element for future agriculture of Australia.

Kagemasa Akamatsu, BBC News

India



India has 1,352,642 thousand people in its 297320 thousand ha land. Cultivated land and grass land respectively occupy the 57.0% and 3.5% of the land. 0.7 ha of land is owned by individual farmers on average, and the agricultural GDP is 15.5% of total GDP.

In GSG, Prime Minister of India, Narendra Damodardas Modi is acted by Reiju Sahara, Finance Minister is acted by Nazuna Fukui, Environment Minister is acted by Misaki Tanimura and Katsutomi Kitamura takes the role of Foreign Minister.

In India, lives are not stable. Yields are not differed by weather and season. The income in agricultural sector is not enough for general lives and 200million people under hunger currently. Prime Minister said that this nation has a huge possibility of building infrastructure in its large land, and he continued that their goal in this GSG is to promote and assist the investment from developed countries.

Kagemasa Akamatsu, BBC News

France



France has a population of about 67 million people. The total land is 54760000ha. In 2015, the cultivated land accounted for 35.5% of this, while the grasslands including sown pasture and rangeland made up 16.9%. The agricultural area per farmer is 55.1ha. The agricultural production accounts for 1.5% of GDP.

In GSG, the President Emmanuel Macron is played by Honoka Kamishima. The Foreign minister is acted by Taiki Toyoda. Rico Sakurama is taking the role of the Finance Manager, and Rin Yoshikawa is playing as the Accounting Manager.

France is Europe's greatest agricultural powerhouse, it has some of the greatest soils and climates in the world. France has a reputation for great food equality and variety. It receives a total of over 9 billion euros in EU subsidies each year, more than any other country. There are 460,000 French farms in 2019, compared to 750,000 two decades ago. Farmland is 52.5% of total land in France. Grain production is 7th in the world. On about 730,000 farms, about 7% of the workforce is employed in agriculture or similar sectors such as fisheries and forestry. When all people engaged in agriculture-related activities are considered, the percentage of the

population engaged in agricultural production is much larger. Many young people tend to work outside of family-run farms and only support as part-time.

France is already developed in agriculture sector, so France is trying to actively solve international and environmental issues such as SDGs in GSG. Ultra-processed food contains little nutritional value, with a high content of saturated fats, refined sugars, salt, and chemical additives but, unfortunately, it is cheaper, easier to buy and prepare them than fresh food, particularly for poor people in urban areas. France can share technology that they have.

Yuzuki Kimura, BBC News

UK



UK has a population of about 67.142 million people. The total land is 24190000ha. In 2015, the cultivated land accounted for 25.0% of this, while the grasslands including sown pasture and rangeland made up 45.8%. The agricultural area per farmer is 37.1ha. The agricultural production accounts for 0.5% of GDP.

In GSG, the Prime Minister Boris Johnson is played by Kae Nishimura. The Foreign Minister is acted by Yukino Tsuji. Noa Suzuki is taking the role of the Minister of Environment and Minister of Finance is acted by Yoshitoki Okamura.

The current situation in the UK is that although the number of small holder farmers has decreased by 2%, the food self-sufficiency rate is 70%, which is not a big issue for its domestic agriculture. However, if the Prime Minister's proposal is rejected, it will be withdrawn from the EU on 10/31 without agreement, and this may have a serious impact on business including agriculture.

In GSG, the UK is trying to reach out to the places such as South Africa or Asia, where there is no big market and create a market that will serve as a bridge between the UK and signatories of the EU when the relationship with the EU breaks down. The existing system is a large-scale agricultural cooperative across the country, including dairy and agriculture like “農協”.

Yuzuki Kimura, BBC News

Sri Lanka



Sri Lanka has a population of about 21.2 million people. The total land is 6,270,000ha. In 2015, the cultivated land accounted for 36.7% of this, while the grasslands including sown pasture and rangeland made up 7.0%. The agricultural area per farmer is 0.7ha. The agricultural production accounts for 7.7% of GDP.

In GSG, the President Maithripala Sirisena is played by Haruka Funako. Yuki Ifuku is playing as the Finance Minister.

Its GDP is \$87.17 billion in 2017 and it stays at 30% of world average. Sri Lanka got second place after Maldives in South Asia. The economy is developing in this country. Main crops are rice, coconut, black tea, and natural rubber. Furthermore, solar power generation is popular in Sri Lanka so the country wants to expand the scale of farm with sun light technology.

In GSG, the country is trying to develop more renewable energy and reduce costs. To achieve this, the country will need money to use those machines. Since only 40% of the total population is engaged in agriculture, Sri Lanka wants human resources as well.

Yuzuki Kimura, BBC News

US



US has a population of about 327.1 million people. The total land is 914740000ha. In 2015, the cultivated land accounted for 16.9% of this, while the grasslands including sown pasture and rangeland made up 27.4%. The agricultural area per farmer is 169.6ha. The agricultural production accounts for 1.0% of GDP.

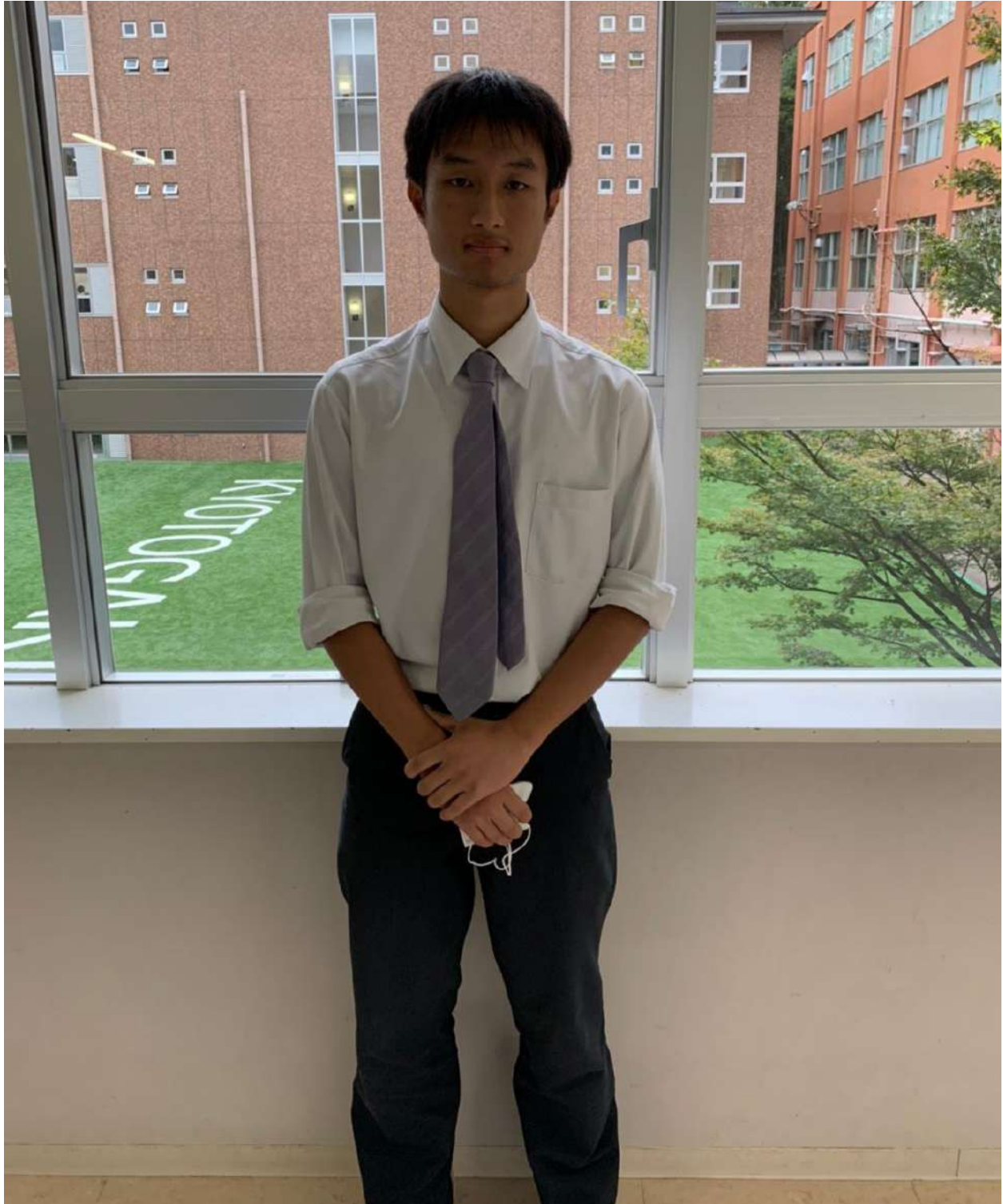
In GSG, the President Donald Trump is played by Honori Ohata. The Secretary of State of the United States is acted by Rino Okada. Kodai Yaku is taking the role of the Trade Manager and Minister of Finance is acted by Yuria Nishimura.

In the US, since farmland is small and there are few people, farmers' working hours increase. As a result, the number of American farmers is decreasing.

In GSG, the US is trying to have a strong relationship with Asian countries and Ethiopia to invent the technology which can take the place of 5G technology.

Yuzuki Kimura, BBC News

Zambia



+ Two more members

According to the World Bank, the population of Zambia was approximately 17.09 million in 2017. The total land is 7,5260,000ha. In 2015, the cultivated land accounted for 5.16% of this, while the grasslands including sown pasture and rangeland made up 26.9%. The average agricultural area per farmer is 5.5ha. The agricultural production accounts for 22% of GDP.

In GSG, the President Edgar Lungu is played by Miki Sawada. The Minister of Agriculture and Livestock is acted by Kota Takahashi. Yuri Kanemitsu is taking the role of the Minister of Finance.

The current problems in Zambia are mechanization of agriculture, water security, sustainable electricity, and unhelpful agriculture cooperative.

In GSG, Zambia is trying to ask for help to developed countries to supply money and electricity. The country is also trying to secure the workforce to help workless people by giving them jobs. Moreover, Zambia will give proper education for the next generations who will be leading the country in the future.

Yuzuki Kimura, BBC News

World Vision



Ayari Kato takes the role of the leader of the World Vision International, Andrew Morley. A financial director is acted by Risako Uematsu, and an integrated program director is played by Tsubasa Otsuka. Hikaru Miyamae acts as a specialist of agriculture.

World Vision is a non-profit organisation that cooperates with people around the world to eradicate poverty. There is a Japan branch of World Vision as well. They work through fund-raising. One of the activities they have done is Child Sponsorship, which aimed to support children suffering from poverty through provision of techniques like water infrastructures and education. They value the relationship between those who give supports and those who receive supports. They emphasised that they are open to everyone and their principle is underpinned by the Christian theology.

In GSG, they will bargain with developed countries, asking them to become sponsors, and raise funds to increase supports to developing countries. They value the relationship with the affiliated countries. It is also important to note that they will not only focus on agricultural aspects but also other factors for the sustainable development. Lastly, they also says that there is a possibility of devising some new projects.

International Fund for Agricultural Development



Mizuho Hayashi takes the role of director general, Gilbert F. Hounbo, and Kokoro Nakanishi acts as a financial director. The program officer for East and South Africa is played by Yuho Nagato.

International Fund for Agricultural Development is an international financial institution and an agency of the United Nations. The institution tries to eradicate poverty and hunger in rural areas of developing countries, supporting small scale farmers. They say that the half of the total fund has been committed to countries in Africa, through financial projects.

In GSG, they will make various kinds of affiliations with countries. They aim to cooperate with Japan as the goal of the country and the institution has some common features. Also, they will try to raise funds through affiliation and commit to developing countries, especially in Africa. In addition, they will suggest new projects and promote the existing projects, considering about budgeting.

FAO



The Food and Agriculture Organization (FAO) is a specialized agency of the United Nations that leads international efforts to defeat hunger.

Their goal is to achieve food security for all and make sure that people have regular access to enough high quality food to lead active, healthy lives. They mainly deal with SDG2 hunger trying to achieve food security.

In GSG, Fumina Mega acts the director general and other members are Nene Sasaki, Hina Watanabe, and Hinano Okada.

They will try to collect information what other actors want to do and make draft solutions in GSG.

Aika Ueda, BBC News

Kubota



The Kubota Group contributes to the world in the areas of food, water, and the environment. Then, their business is crucial for farming with enhancing infrastructure and advanced technology, in other words they have skills to help small scale farmers in technical terms.

In GSG, Reina takes the role of the president and CEO, Haruyuki Yoshida, Anri Teshima acts as a Vice President, and Itsumi Takemoto takes the role of a financial officer.

In GSG, they are willing to make partnerships with developing countries in Asia and Africa.

Aika Ueda, BBC News

Ethiopia



According to the World Bank, population is about 109 million in 2018. The total land was approximately 100 million ha, and cultivated land and grassland were 16.3% and 20% of it in 2015. The average agricultural area per farmer is 1ha, then the agricultural production accounts for 34.1% of GDP.

In GSG, Keiga Yamamoto plays the president, and the minister of Finance and the minister of agriculture, forestry and fisheries are played by Natsuki Manpuku and Momoe Tanaka, respectively.

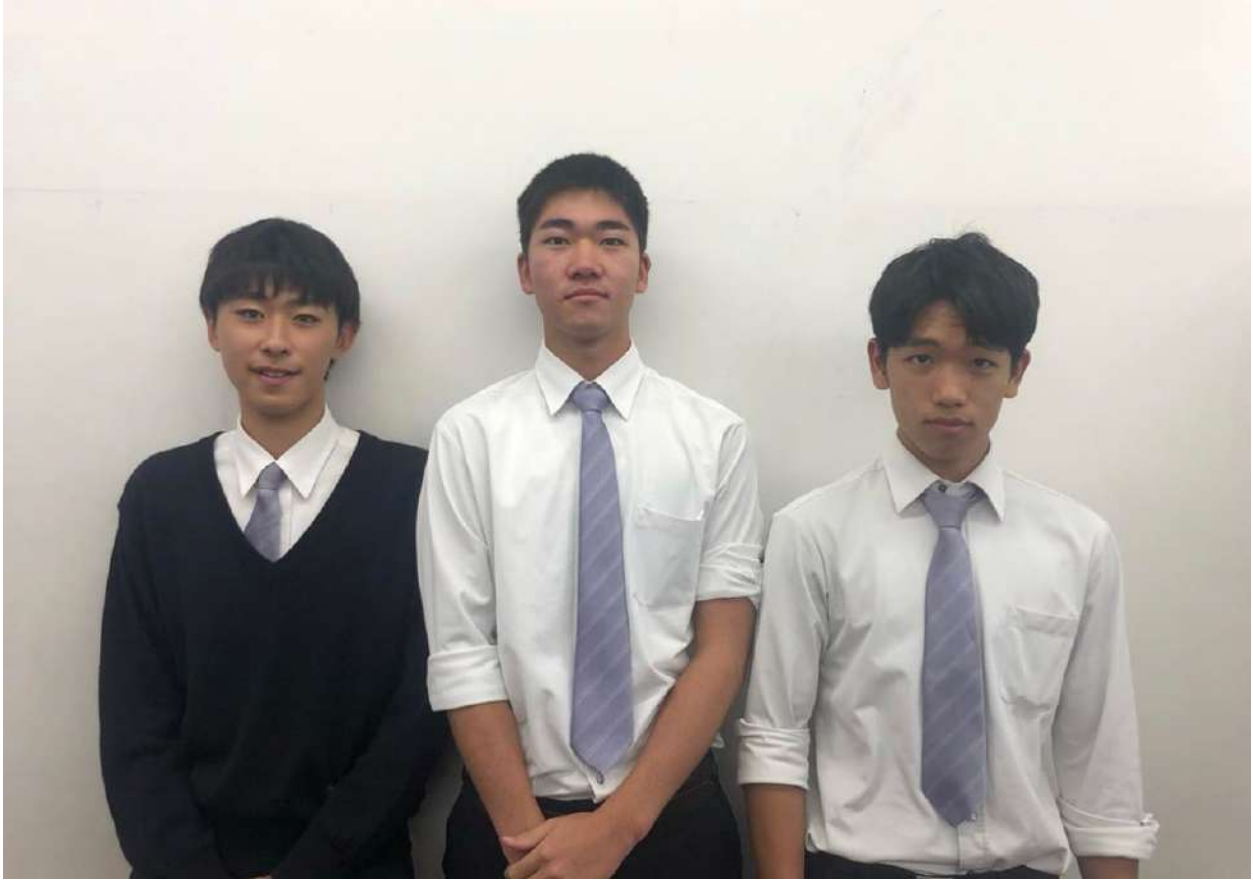
Ethiopia is located in the eastern edge of Africa, and they have a head office of the Africa Nation at its capital, therefore they would be the center of Africa's development.

However they are suffering from severe drought problems. 80% of Ethiopian industry is agriculture and it's affected by climate easily, thus they need to find other alternative industries.

In GSG, they would like to ask Kubota to help the water infrastructure. They want to draw water from the lake Tana which is the water source of the Amazon.

Aika Ueda, BBC News

Nepal



According to the World Bank, population is about 28.1 million in 2018. The total land was approximately 14.3 million ha, and cultivated land and grassland were 16.2% and 12.5% of it in 2015. The average agricultural area per farmer is 0.4ha, then the agricultural production accounts for 27% of GDP.

In GSG, Yamato Inoue acts the president, and the minister of Finance and the minister of agriculture, forestry and fisheries are acted by Hiroto Minoda and Taiga Lama, respectively.

Nepal is relying on importation and its amount is huge, but scale of exportation is small. They do not have representative agricultural products for exportation. Unstable and weak infrastructure is another problem.

In GSG, they would like to ask China and India to help them by infrastructure improvement in order to increase the amount of export and make it stable.