

## **Characteristics of Construction of Large-Scale Greenhouse Farms in the DPRK**

In mid-March this year an inauguration ceremony of a world's leading greenhouse complex was held in the Kangdong area in a suburb of Pyongyang, the capital of the Democratic People's Republic of Korea.

There are noteworthy points in the country's construction of large-scale greenhouse farms.

First, their construction is not for any economic profit but for the welfare of the people.

The ruling Workers' Party of Korea and the government of the DPRK have long paid great attention to the construction of greenhouse farms.

In recent years in particular, they have formulated it as a policy to build large-scale modern greenhouse farms on a nationwide scale to supply the people with various fresh vegetables in all seasons.

In line with this policy, construction of large-scale greenhouse farms started in the areas where vegetable farming is not successful owing to unfavourable natural and climatic conditions, and the Jungphyong Greenhouse Farm in North Hamgyong Province was inaugurated in 2019, and the Ryonpho Greenhouse Farm in South Hamgyong Province in 2022.

The third entity is the Kangdong Greenhouse Complex.

Second, the size and productivity of the greenhouse farms have become larger, and each of the more advanced greenhouses and public buildings has been built in a year.

The Jungphyong Greenhouse Farm, built in a little over a year, was the largest and modern farm of its kind in those days in the country.

It consists of a total of 320 hydroponic and soil greenhouses including 1 000 m<sup>2</sup> semi-arched and double-walled greenhouses numbering 300, hundreds of flats, and many public and production buildings.

The Ryonpho Greenhouse Farm has more than twice the size and production capacity of the Jungphyong Greenhouse Farm.

More than 850 hydroponic and soil greenhouses, where vegetable cultivation is done on modern, intensive and industrial footing, were built in 280 hectares, and over 1 000 flats, schools, a hall of culture and general public welfare service

facility were built, turning the whole area into a large farm area.

The construction took only 230 days.

The Kangdong Greenhouse Complex, built in one year, is of a larger size and has a greater production capacity with more developed combined greenhouses than the Ryonpho Greenhouse Farm, public buildings and terraced houses that present a good harmony with the surrounding natural scenery.

Third, the greenhouse farms have been built by the soldiers of the Korean People's Army.

The KPA soldiers, holding the slogans "Let us take charge of both national defence and socialist construction!" and "Let us help the people!" have built many structures for the happiness for the people, to say nothing of protecting their lives and property at the cost of their lives.

This army has built the greenhouse farms, each one in a year.

That's why in his speech encouraging the soldiers, who built the Kangdong Greenhouse Complex, Kim Jong Un, President of the State Affairs of the DPRK, said:

As it has always been with you, you are just given the priceless honour of leading the effort to effect a world of transformation in the coming years, a world which our ideals and our style of creative struggle will surely lead to. Let us continue to advance and achieve victory, singing the song of creators under the uplifted banner of defenders.



Jungphyong Greenhouse Farm inaugurated in December 2019



Ryonpho Greenhouse Farm inaugurated in October 2022



Kangdong Greenhouse Complex in a suburb of Pyongyang



Terraced houses

