

# 6 projects for National Cybersecurity Talent and Innovation Base begin construction

The construction project of the Institute for State Cybersecurity will begin in the Wuhan Airport Economic Development Zone (AEDZ) on August 23, along with five other projects related to cybersecurity. The total investment of these projects will reach RMB 21.6 billion.

The groundbreaking of the six projects will mark substantial progress for the construction of the National Cybersecurity Talent and Innovation Base (NCTIB).



Artist's impression of the national base

The third China Cybersecurity Week was launched in Wuhan on September 19, 2016. On September 30 of the same year, the Cyberspace Administration of China replied to a proposal from the Wuhan municipal government, saying that it supports the proposal of establishing the NCTIB as an initiative to set up the first such base in the country featuring the model of "a cybersecurity institute plus an innovative industry valley."

Over the past year, under the leadership of the Cyberspace Administration of China at the state level as well as the Wuhan Municipal Party Committee and the Wuhan municipal government at the municipal level, the preparatory work for the NCTIB has been going smoothly and efficiently.

The base so far has 10 signed projects, 21 registered projects, and 40 more under negotiation.

The construction of the Institute for State Cybersecurity will take up an area of 100 hectares with a total investment of RMB 5 billion, comprising a cybersecurity institute, a training center, and a research academy. The main structure of the project is scheduled for completion by November 2018 and will come into use in June 2019. The institute will provide space and facilities for 10,000 people to live, receive education or professional

training, and carry out researches.

An exhibition center with an investment of RMB 400 million will be established. It will be an important platform for business negotiations, conference services, and planning exhibitions. Its construction will be completed by March 2018.

The International Talent Community, with an investment of RMB 1.7 billion, consists of 1,264 apartment suites that will house talents from different fields after its completion in 2019.

Phase One of the infrastructure of the base with an investment of RMB 1 billion, which provides basic support for the building and operation of key projects at the base, constitutes a network of ten municipal roads totaling 14 kilometers, the water and electricity supply networks, sewers, utility tunnels, and information networks. This project is planned to be finished by December 2019.

The RMB 10.5 billion project of the Centrin's Wuhan Supercomputer & Cloud Computing (Data) Center occupies an area of 20.7 hectares. It will be made up of an on-shore data center, an off-shore data center, and a big data application center. The Centrin center will be installed with 20,000 server racks and 200,000 servers. The supercomputer can hit a computing speed of one petaFLOPS

and has a storage of 10 thousand PB. Once in operation, the annual production value of the Centrin center will reach RMB 8 billion, with RMB 400 million of yearly tax payment. The construction will be completed by October 2019. The first phase to be completed by November 2018 will be the largest data center of the highest level in Central China. The center will be the foundation for the development of the information industry, such as e-governments, smart cities, cloud computing, supercomputing, and big data processing not only in Central China but all over the country.

The TUS Cybersecurity Science and Technology Incubator, which occupies an area up to 10 hectares demanding an investment of RMB 3 billion, will complete its main structure building by the end of 2018 and be ready for use by October 2019. When in full operation, more than 200 companies, including some leading companies in certain subdivided fields and tens of headquarter enterprises, will be introduced to the park. They are expected to realize an annual operating revenue of RMB 5 billion and RMB 200 million in comprehensive taxation of profit. The park can help develop industrial chains with an output value worth RMB 10 billion and provide nearly 10,000 jobs.