

The biggest government office building in Beijing: a landmark project for Sauter in China.

China, with the largest population and the fastest-growing economy in the world, is becoming a major focal point in global affairs. Its strong economy is controlled by a government ministry, the National Development and Reform Commission (NDRC), which studies and formulates policies related to China's economic and social development.



Heinz Schibler, Market Manager, Sauter Basle
Li Du, General Manager, Sauter Beijing



The staff of Sauter Beijing

The CDPC building is the new location for the NDRC and also for the Energy Control Office of the State Council, the National Bureau of Statistics and the National Bureau of Tobacco. The new office building is located near to the existing complex of the afore-mentioned government ministries, and provides 123,000 square metres of office space in four separate towers.

As the CDPC is the biggest government office building in China, it is clearly a landmark project for Sauter, especially in the field of commercial building.

With strong support and back-up from Basle, Sauter (Beijing) has played a key role in system design, equipment selection, software generation, system/components installation and system commissioning.

There are more than two hundred DDC automation stations installed for controlling and monitoring all the HVAC equipment in the building via Sauter's novaPro Open system. There are also four management-level control stations located in different towers, managed by an access level and functioning as a main station for

the overall BMS system or a sub-control station just for the particular tower.

The requirement of integration to a chiller system presented a big challenge to the project team, which had to develop a complete new coding on the nova230 to match the protocol of the special chiller system used in the project.

The project team from Sauter (Beijing) did its utmost to attain – and maintain – Sauter's global service standard, and the fact that the client expressed great satisfaction is the team's deserved reward. The staff are building up an excellent image of Sauter in the Chinese market through their fine work on this project.

heinz.schibler@ch.sauter-bc.com

Project data:-

- 73 air-handling units and fresh-air units
- 106 supply fans and exhaust fans
- 270 lighting control loops
- 27 heating curtain systems
- 19 room-air-volume control loops
- 6 chillers including pumps and cooling towers
- 30 sewage pumps

