References

Mapo Oil Storage facility, South Korea

Uponor involvement

1650 sqm

Mapo Oil Storage facility, South Korea

The industrial heritage "Mapo Oil storage facility" converted into a comprehensive cultural park with Uponor Radiant Heating and Cooling system.

The Seoul Metropolitan Government is carrying out a project to convert the industrial heritage "Mapo Oil storage facility" into a comprehensive cultural park (101,510 m^2) to serve the public.

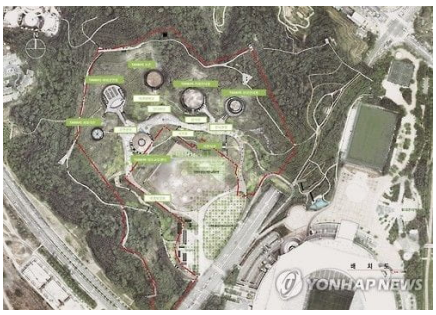
Project Facts:

Location	Completion
Seoul, Korea (Republic of)	2017
Building Type	Product systems
Multifamily homes	Radiant Heating & Cooling
Address	Project Type
San 53-1, Sungsan-Dong, Mapo-Gu, Seoul, Korea	Renovation

The Mapo Oil Depot is a valuable industrial legacy of Seoul but has been forgotten for quite a long time since its original purpose was terminated. With an aim of sustainability and rehabilitation, not only demolishing the old facilities, the Government decided to re-design and recycle the old structure. The Seoul Metropolitan Government expect to create an eco-friendly and multi-cultural spaces in that territory, while adding new features to the facilities but also revive its memory, history and uniqueness.
Five oil tanks were built in 1976 but became obsoleted and deserted from 2000. Now two of them (Oil tank No. 1 & No. 2) will

be disassembled, and those steel plates will be re-used to construct a new tank (Oil tank No. 6). The rest of tanks will be converted into exhibits and cultural facilities while preserving the original form.

In the new tank No. 6, Uponor Tecto underfloor Heating and Cooling systems was selected as part of the project to achieve eco-friendly and sustainability goal. Four stories in total 1,650m^2 of the Tank 6 floor spaces will be conditioning by Uponor Tecto system. The No. 6 tank is decided as an 'Information Exchange Center' capable of accommodating up to 300 people, and will serve as a reading room for citizens to come and see various materials related to Seoul's urban regeneration.

The Seoul Metropolitan Government committed to make this place a new landmark of Seoul, and show a clear direction in which the urban space of Seoul should be developed.

Mapo Oil Storage facility, South Korea