

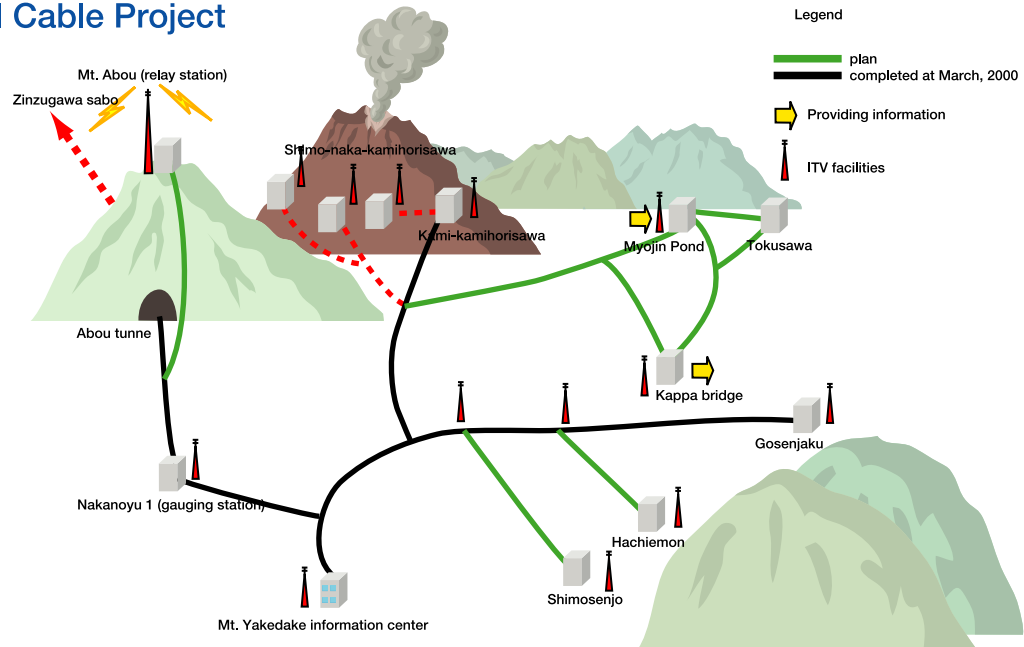
Sabo Information Technology Project

Kamikochi Region Optical Cable Project Layout

●Kamikochi Region Optical Cable Project

There is an active volcano, Mt. Yakedake, in Kamikochi region which is visited by a large number of tourists. Once a sediment-related disaster should occur, serious damages can be caused.

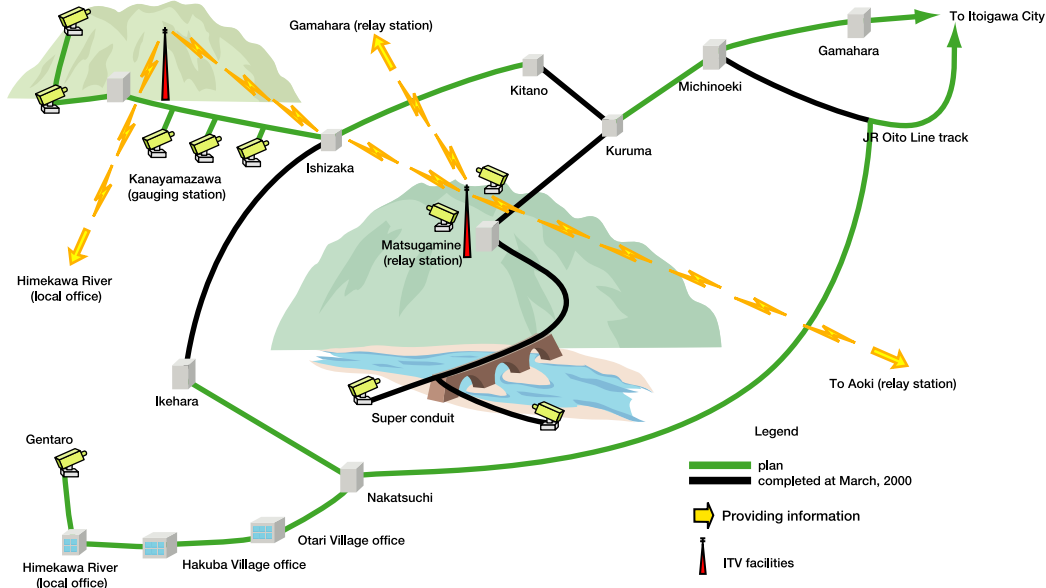
In “Kamikochi Optical Cable Project”, it is planned to connect monitoring devices including monitor cameras and debris-flow sensors with Matsmoto Sabo Work Office through optical fiber. This project ensures speedy and reliable collection of real-time information on collapsed lands and torrents for offering the information to related organizations and residents.



Urakawa Region Optical Cable Project Layout

●Urakawa Region Optical Cable Project

“Urakawa Region Optical Cable Project” is a project for developing a sediment-related disaster monitoring system in Urakawa Region with Mt. Hieda, one of the largest landslides in Japan. Optical cables are connected from Matsugamine relay station to Itoigawa City to enable real-time accurate tracking and monitoring of sediment movements like bed load sediment and suspended sediment. In addition, image data are quickly offered to related organizations and local residents, thereby improving the information communication in case of disasters.



Debris flow observation at Mt. Yakedake

Debris flow is being watched all the time through monitor cameras at Yakedake Monitor Station in Kamikochi.



The debris flow front is caught in the debris flow braker (July 21, 1985)