

Method for constructing branched main gas pipeline involves selecting route, followed by the excavation of trench and the laying of gas pipelines, along with the simultaneous construction of cogeneration-type compressor stations, in which gas pumping equipment is installed. Gas pipeline route, made of flexible, multilayer, reinforced thermoplastic materials, is laid along the proposed branched, multi-branch paths for hydrogen transportation. Gas pipelines are laid using both trench and trenchless methods.