



PhD. eng. Cristian Călin – Delgaz Grid

He has been working for 26 years in the natural gas distribution sector, technical field. Since 2006, he created and coordinated several departments in the technical field (manager position). Since November 2021, he is the Gas Technical Manager, responsible for the field of green gases (H₂, biomethane, etc.), technical rules for the distribution of natural gas and green gases. Currently, he is the coordinator of the first blending project in Romania (20HyGrid), project developed by Delgaz Grid, the distribution company of the E.ON group in Romania with the aim to test the sustainable heating of homes based on a mixture of natural gas (80%) and hydrogen (20%). An analysis of the compatibility and operation of the network components and existing user installations (including user devices), with a mixture of GN-23% vol. H₂ is expected at the end of the project. Consumer utility installations and distribution system components will not be modified for this process. The results of the project will serve as a model of good practice for future projects and for the use of hydrogen in different areas, including heating, domestic hot water and food. He is responsible for the definition and implementation of the "Hydrogen Ready Pipeline" concept and the evaluation of the existing networks for the conversion to H₂.