



Project HOOPLA No. TH83020002

Identification of the effect of hydrogen as a function of structural condition in pipeline distribution infrastructure and storage tanks



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The main aim of the project is to increase the use of environmentally neutral hydrogen in hydrogen mixtures in existing transportation and storage facilities used for natural gas. HOOPLA will investigate the resistance to hydrogen embrittlement and degradation of the structural materials of the pipelines and storage vessels as a function of the previous processing history (forming, casting, heat treatment) and surface treatments.

Project solution time: 09/2023 – 06/2026

Receiver: Výzkumný a zkušební ústav Plzeň s.r.o.

Co-receiver: MATERIÁLOVÝ A METALURGICKÝ VÝZKUM s.r.o.

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