

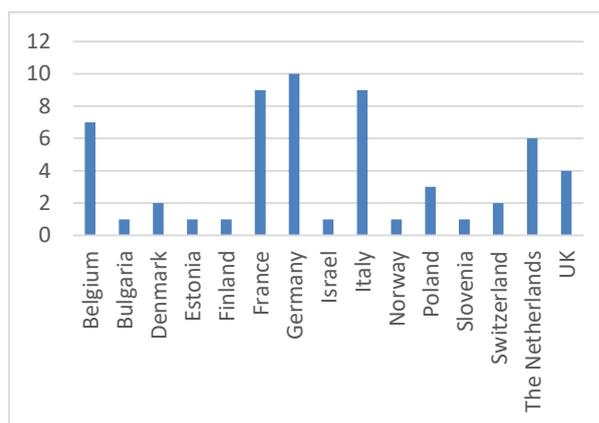
Public Abstract

Deliverable D6.7 Final Demonstration Workshop N.2

This deliverable gives an overview of the workshop held in Brussels (B) on 13 November 2018. The dissemination report describes the purpose, the achievements, the organization and the final outcomes of the “Workshop on Monitoring and Diagnostics of Fuel Cells”.

The workshop presented the most recent advancements concerning research on monitoring, diagnostics and control of both PEMFC and SOFC. It was jointly organized by the projects HEALTH-CODE and INSIGHT. Both projects provide advanced monitoring and diagnostic solutions towards improved performance, better management and maintenance scheduling, aiming at higher reliability and increased lifetime of PEMFC and SOFC technologies.

The workshop gathered engineers and researchers from industry, academia and research institutions interested in the most recent advancements on monitoring and diagnostic tools. Emphasis was given to methodological approaches for advanced diagnosis that can help achieving enhanced performance of both PEMFC and SOFC systems. A comprehensive overview and the exploitation potential of the projects results were offered to the interested stakeholders and users.



The workshop started with an overview of the projects; then, main results were reported on the experimental activity and on various approaches for monitoring and diagnostics. Scientists and engineers from 15 teams presented their activities, bringing their knowledge, expertise and perspectives. Invited guests from industry offered a further look into key topics tightly connected to monitoring and diagnostics of both PEMFC and SOFC. Exploitation and market opportunities of the projects results were analysed and discussed with a representative from the European Commission Support Services for Exploitation of Research Results (SSERR).

A final open discussion among the attendees was set to share experience and draft future paths towards FC improvements via on-board diagnostics.

