



# Frank Lienesch, Dr.

## ***SIEEE, A Global Legislative Framework for Explosion Protection***

Accidents and explosions in mines and offshore facilities result in loss of life, widespread environmental damage and economic losses throughout the world. The aim of the Sectoral Initiative on Explosive Environments Equipment (SIEEE) is to contribute to the safety of equipment used in these environments - to minimize the risk of explosions and contain their potential consequences for the workers and the surrounding areas - while at the same time eliminating barriers to the free trade and use of the equipment.

**Frank Lienesch**, Dr. - Ing. studied electrical engineering in Braunschweig and Valencia (1988-1993). He has been working at the PTB (Physikalisch-Technische Bundesanstalt) since 1994.

After receiving his PhD in "Electrical Breakdown of Combustible Gases..." in 1999, he took over the management of the working group, "Explosion-Protected Drive Systems" from 2003-2016 and from 2016-2020, Frank headed PTB's "Explosion-Protection in Sensor Technology and Instrumentation" department and the conformity assessment sector for explosion protection.

Since 2021, he has been responsible for the Division 9 "Legal and International Metrology. The activities include representing the interests of the PTB in various international organizations like OIML, COOMET, IEC/IECEX, European Commission and UNECE WP. 6.

