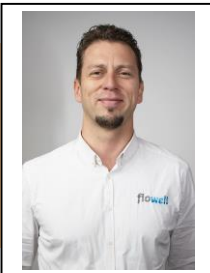


Complete analytical solutions for Hydrogen technologies

Nowdays the energy sector look for for zero carbon solutions to replace the existing carbon based technologies. One of the promising alternative is the hydrogen. These technologies based on enviromental friendly solutions, where the main part of the system is a PEM electrolyser. In my presentation I focus for these technology , for the main process steps and measuring points of it. Through my presentation I show the special parameters, that we can monitor in analytical aspect. I define the measuring points, possible measureable components and also the possible and cost effective principals, that helps to optimize the system and control the operation. The useage of the produced hydrogen has also different ways. I also point out these possibilities, that help us to identify the application of hydrogen in existing and future technologies.



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I graduated as an electrical engineers in 2003. After my studies I started to work as project manager, focus for process measurings on different chemical, petrolchemical and pharmaceutical industries. During my work I had a possibility to know and understand different kind of tehнологies and process paramtere. This knowledge help me to optimize for the customers their processes. I always focus for new and reliable solutions, that saves money and provides better quality in the product. During my almost 20 years experience I could develop myself on special areas also, just like complete analytical solutions and complete system integration. I always focus for the tasks and happy customers.