

The importance of Industrial Data Sharing as an enabler for digital innovation

Patrick Poeten M.Sc., Fraunhofer – ISST, Germany

Abstract

In the context of digitization, the importance of data is growing as it enables innovation. When enterprises want to be successful in the future and want to use the potentials of digitization, they need these innovations and have to manage their data accordingly.

The innovations can be seen in different sectors, such as healthcare and mobility, but especially the energy industry has massive potentials. Knowing this, data can be seen as a company's most valuable resource. Taking a look across a single company's borders, you can observe that sharing and exchanging of data is necessary to use the whole potentials of a business ecosystem, e.g. to realize predictive maintenance in an industrial context or to create new services.

The key to enable industrial data sharing is a trustful and safe data sharing architecture, which is currently developed at Fraunhofer ISST.