Mining your data for value – Availability, Performance and Quality
For a long time now, generating value from business data has been a tough yet essential hurdle to overcome. That’s why RISE has established an interdisciplinary team of experts to address the challenges of creating value from business data. Applying agile methodology, our team co-creates efficient data collection processes and facilitates knowledge discovery for our customers to support their development agenda.

We can enable decisions support in your organisation that enhances overall equipment effectiveness (OEE), increases efficiency and reduces costs. By identifying valuable data, mining the patterns and overcoming the missing data obstacles, we transform data into information and enable insights beyond the noise. This way, we help you gain insights into both the human and the digital chain of events.

The lack of data insights poses a major challenge, and digitalisation is not possible without relevant data that can be transformed into actionable information. As a first step, you need to access the data locked in different systems, machines, instruments, tools, clouds and silos. You then need to make it accessible and actionable for experts and management teams so they can gain additional knowledge for optimising processes and enabling innovation.

In other words, the digitalisation of processes and digital representation of plants starts with data collected from sensors, software, systems and infrastructures, and then relies on properly structured databases built to create a foundation for advanced analytics and digitalisation. However, solutions for locating, gathering, storing and accessing process and infrastructure data are still inadequate, despite several worthwhile attempts from companies and universities to develop new technologies and methods for utilising data from the chemical manufacturing industry.

RISE can provide an environment that connects your instruments to a cloud-based platform so you can analyse both real-time and stored data for further research and development. We harmonise the data by developing data models, interoperability and data readiness using a data collector.

Integrating insights from your data with your business and operational goals will help open up new opportunities and enable future innovation. Data collection is an essential prerequisite for the realisation of digital transformation goals.