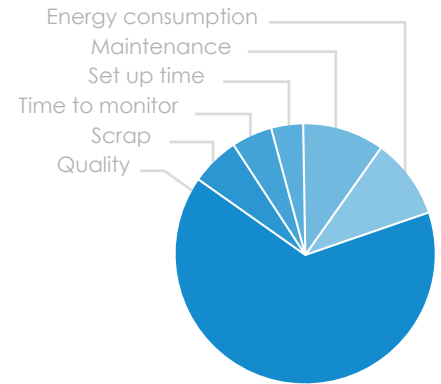


### Injection Moulding Today

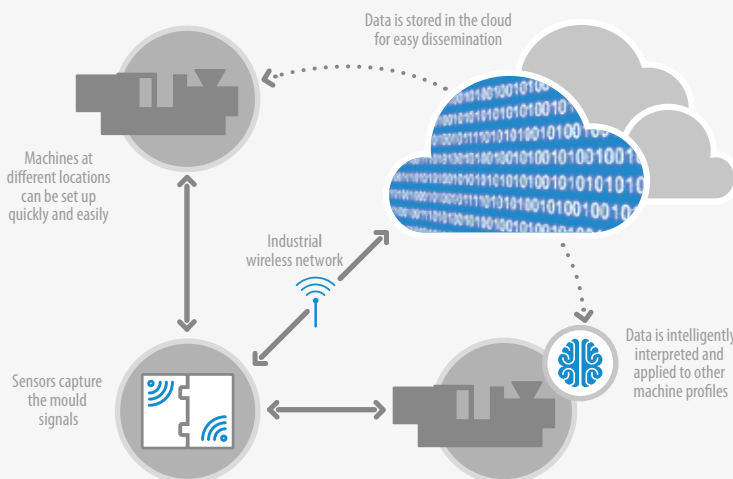
Current injection moulding processes call for a more flexible mould suitable for a variety of machines.

Small batch production and personalisation in the plastics sector has led to an increased number of mould changes causing more downtime and scrap.



### The Project

Preview is a middleware solution that facilitates easy, ubiquitous, holistic and fast sharing of product and process information across the entire injection production process.



#### Data Acquisition System

For the adaption, amplification and digitalisation of the cavity and machine signals.



#### Advanced Predictive System

A system to optimise the injection moulding process by providing a quality control system.

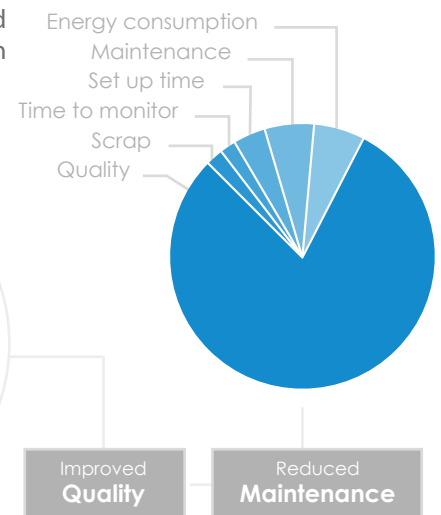


#### Wireless Capability

Develop a robust wireless network to transport sensor data to the APS server.

### The Future

The project aims to provide the injection moulding industry with a process control system which will result in a reduction in mould set up time, a reduction in scrap and energy consumption and an increase in productivity and flexibility.



for more information visit: [www.preview-project.eu](http://www.preview-project.eu)