



Die Casting Total Care

Inspections | Maintenance | Training | Application technology



Your key to TOP performance



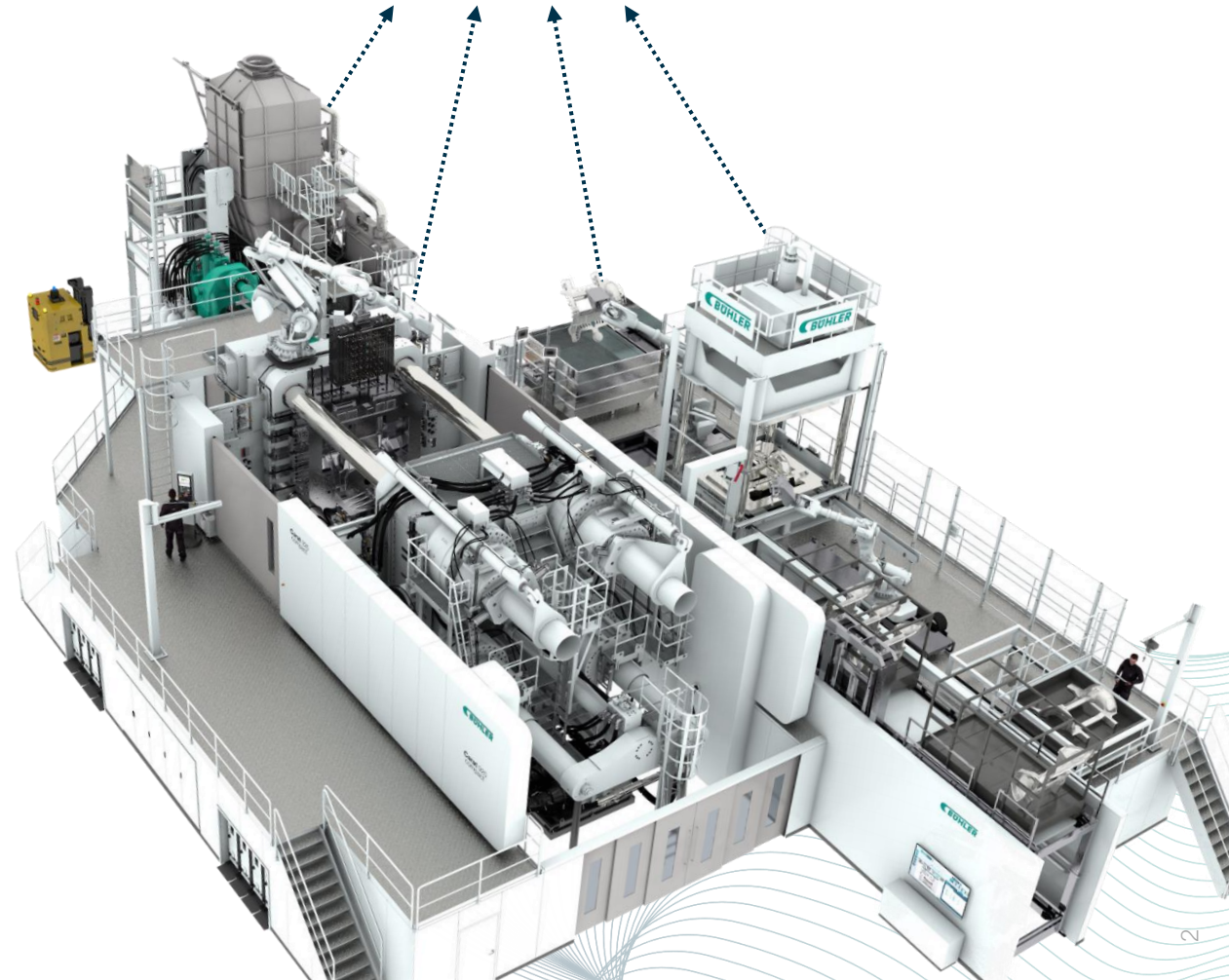
Inspections
Maintenance
Training
Application technology

Benefit from our all-inclusive Total Care service package:

Safety: Maximum plant availability and process reliability for trouble-free operation.

Support: Quick help from our 24/7 support – online or by phone.

Knowledge & know-how exchange: Ongoing training, expert knowledge and practical advice for continuous process optimization.



Bühler Services Agreement



With a Bühler Services Agreement, you increase the reliability of your systems, benefit from quick support, your employees receive training and you can optimize your maintenance budget according to your needs.

Basic package
Automatically included
with every service
agreement.



Main services



Additional
subscription
services

DC Academy
(E-learning for your staff)

24/7 Support
(Online and phone support)

myBühler
(Platform for your Bühler
systems, documentation, spare
parts catalogue and information
on inspections)

Inspections

Maintenance

Training

Application technology

Specific wear
& spare parts

Specific
revisions

Customized
training and
courses

Upgrades of
control
systems

Safety checks

Expansion
according to
requirements

Basic package

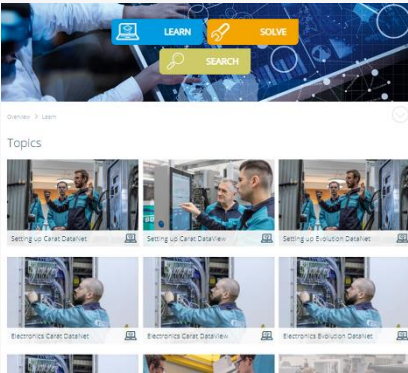
Our Bühler Services Agreements automatically include the following services each time a service agreement is concluded:

Services	Service description
Die Casting Academy	In our online courses, we offer flexible e-learning packages that enable participants to prepare and follow up effectively.
24/7 online and phone support	Online phone support for process and production support
myBühler access	myBühler - platform for your Bühler systems, documentation, spare parts catalogue and information on inspections
Priority support	Quick support for enquiries and problems
Discount on the entire spare parts portfolio	3% discount on spare parts

To the overview →



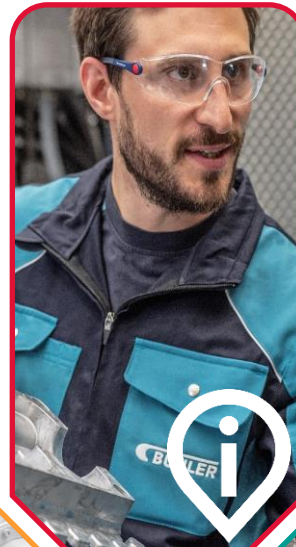
Be fully supported with your Bühler Services Agreement



Our service solutions – For You

Application technology

We provide support from the component idea to implementation and quality improvement.



Basic package

Die Casting Academy
24/7 online and phone support
myBühler access
Priority Support
Maintenance/spare parts
service



Training

Courses and training for your staff - online, on-site at your foundry or in our application center.

Maintenance

Benefit from a large selection of spare parts sets including replacement during the inspection.



Inspections

With regular inspections, you can be sure that your machine is optimally maintained.

Inspections

Regular inspections ensure that the condition of your systems is continuously monitored, ensuring that potential problems can be recognised and rectified at an early stage.



Initial Inspection

Focus on main function of your machine



Main Inspection

Focus on wear and tear of your machine



Combined Inspection

Both combined for optimum utilisation



Recognise and rectify potential problems at an early stage with **regular inspections**.



To the overview →

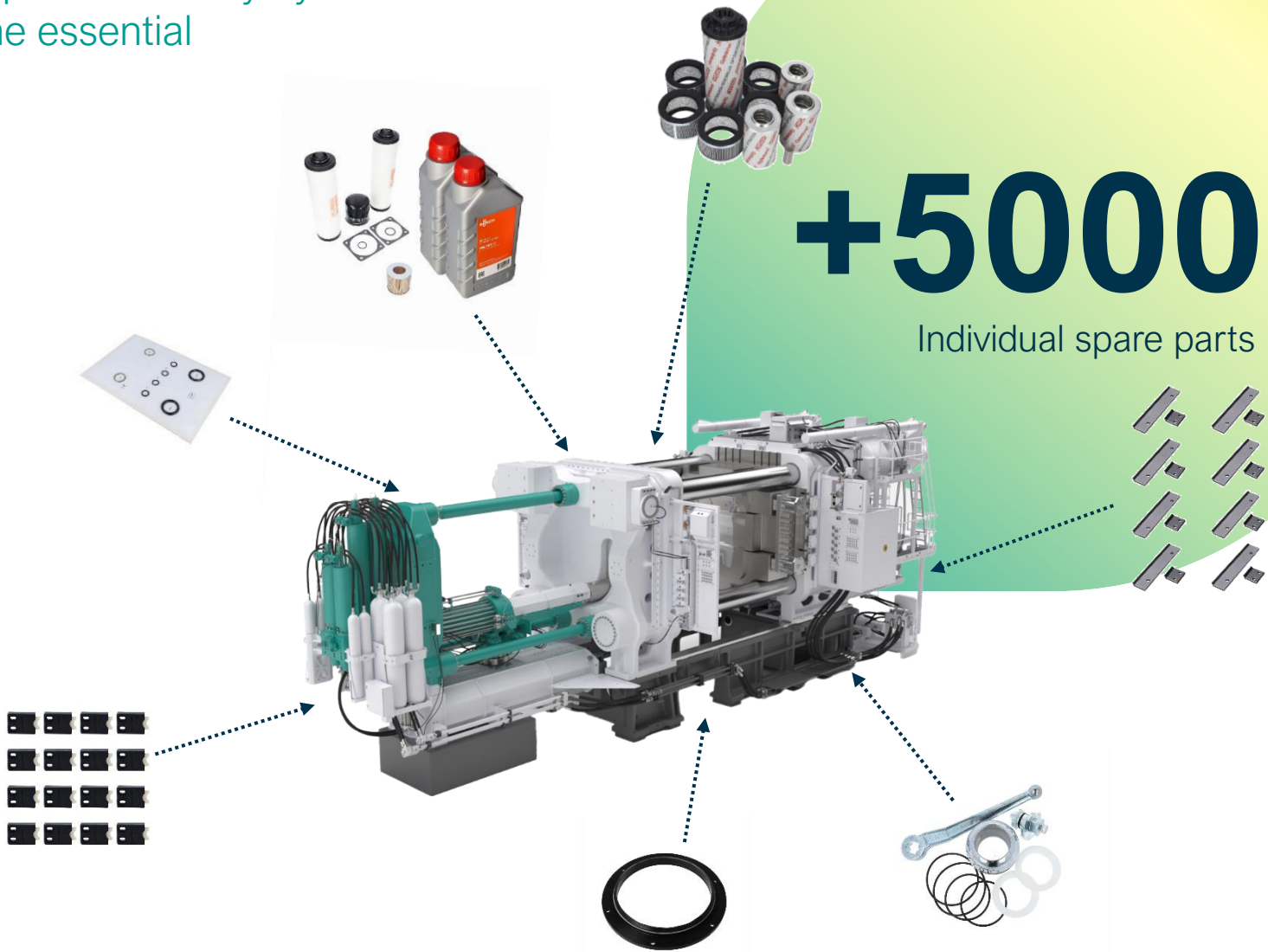
Your inspection solutions

					
		Initial Inspection	Main Inspection	Combined Inspection	Customized Inspection
		Focus on the main functions	Focus on wear and tear parts		
Administration	Report with management summary	●	●	●	●
	Proposal for spare and wear parts	●	●	●	●
	Travel, board and lodging expenses included	○	○	○	○
Drive unit	Assessment of pumps, pressure transmitters, valves & machine leakage	●	—	●	○
	Inspection of hydraulic fluids, filters & stopcocks	—	●	●	○
Machine base	Inspection of filter elements	●	—	●	○
	Inspection of levelling & fastening elements and assessment of machine levelling	—	●	●	○
Closing unit	Inspection of scrapers, tie bar pulling device and assessment of clamping cylinder, toggle lever system & clamping cylinder tightness	●	—	●	○
	Inspection of mould support, slide plate height, slide rails, umnumns, split nuts, ejector unit & central lubrication system	—	●	●	○
Injection unit	Assessment of the pressure vessels, pressure transmitters, filters & vents as well as analysis of the continuous valve, tightness and alignment of the injection unit	●	—	●	○
	Assessment of the diaphragm accumulator	—	●	●	○
Cooling system	Diagnosis of the water flow regulator	—	●	●	○
Hydraulic lines	Assessment of the hydraulic pressure lines	—	●	●	○
Safety device	Condition check of safety doors, rear step protection, wipers, safety fence devices, protective panelling, E-STOP button & light barriers	●	—	●	○
Control unit	Inspection of the HMI & control tie bar	—	●	●	○
Switch cabinet	Inspection of the enclosure cooling	—	●	●	○
Electrical installation	Checking the connection boxes	—	●	●	○
Additional inspections	Safety check focus on machine and peripherals	○	○	○	○
	Further customised inspections and checks	○	○	○	○

Maintenance

Have regularly required wear and tear parts replaced directly by Bühler technicians so that you can focus on the essential maintenance work.

Category	Product
All	Scraper set (sliding shoes, safety doors, tie bars, mould support)
	Filter set (filter element, filter mat, vacuum filter, ...)
	Gasket sets for all assemblies
Drive unit	Pump set
Movable platen	Spare parts set clamping cylinder
	Spare parts set ejector coupling
	Valve set core pull
Fixed platen	Spare parts set cylinder
Injection unit	Spare parts set pressure accumulator unit
	Spare parts set casting cylinder
	Spare parts set pulse generator
	Spare parts set control block



To the overview →

Training

The following training courses for your staff can be integrated into our Bühler Services Agreement, both online and on-site:

Training	Training description
Die casting basics	Teaching die casting technology and metallurgy basics
Casting defects	Learning how to recognise quality fluctuations and reduce rejects
Mould development	Mould development to increase quality and efficiency
Set-up and programming	Setting up your Bühler die casting machines
Maintenance of electronics and hydraulics	Operation and maintenance of electronics and hydraulics
Maintenance of the electronics	Electronics maintenance for efficiency and minimised downtime
Hydraulics maintenance	Hydraulic maintenance for maximum efficiency
Diagnostic maintenance	Troubleshooting using diagnostic diagrams
Robot programming	BuhlRob tapping unit programming
Basics of hydraulics	Basics of hydraulic systems in die casting
Customised training	Individual training for process optimisation

To the overview →



Individual training (online and offline) **increases the know-how and safety** of your employees.



DC Total Care | 2025

Application technology

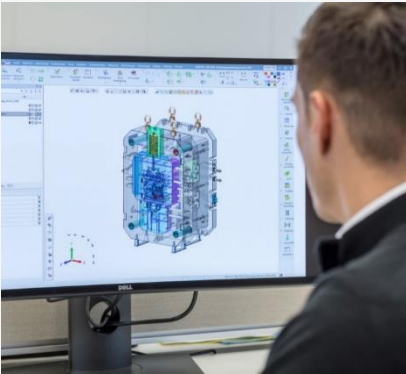
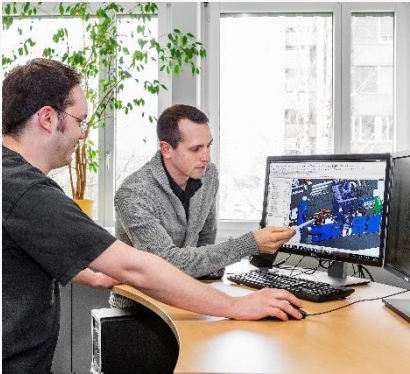
The following process support & consulting services can be integrated into our Bühler Services Agreement:

Services	Service description
Part design	Product development for die-cast wall thickness, rib reinforcements & reduction of material build-up
Machine size calculation and process layout	Recommendation of machine size according to customer data, blast area and part dimensions
Mould design and cooling concept	Mould and temperature concept creation based on raw data (drawings, CAD, images)
Simulations	Filling and solidification simulations of different design variants
Casting tests in our application centers	Melting possibilities of all known aluminium alloys. Metallurgical analysis
Support with the start of production	There right from the start so that high-quality parts can be produced more quickly
Process optimisation & OEE improvement	Optimisation of the die casting process to increase productivity, improve quality and maximise cost efficiency
Customized advice	Customized combination of services

To the overview →

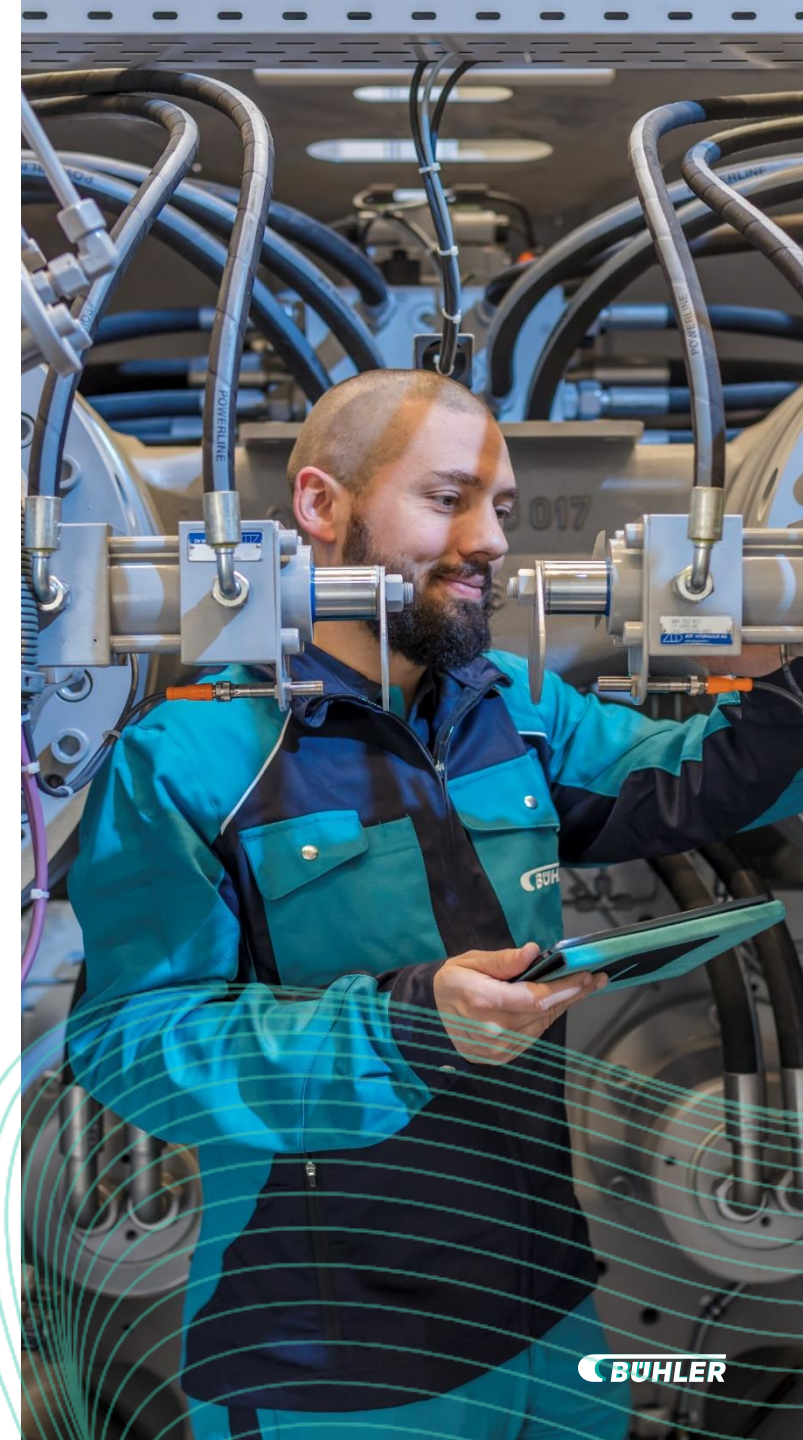
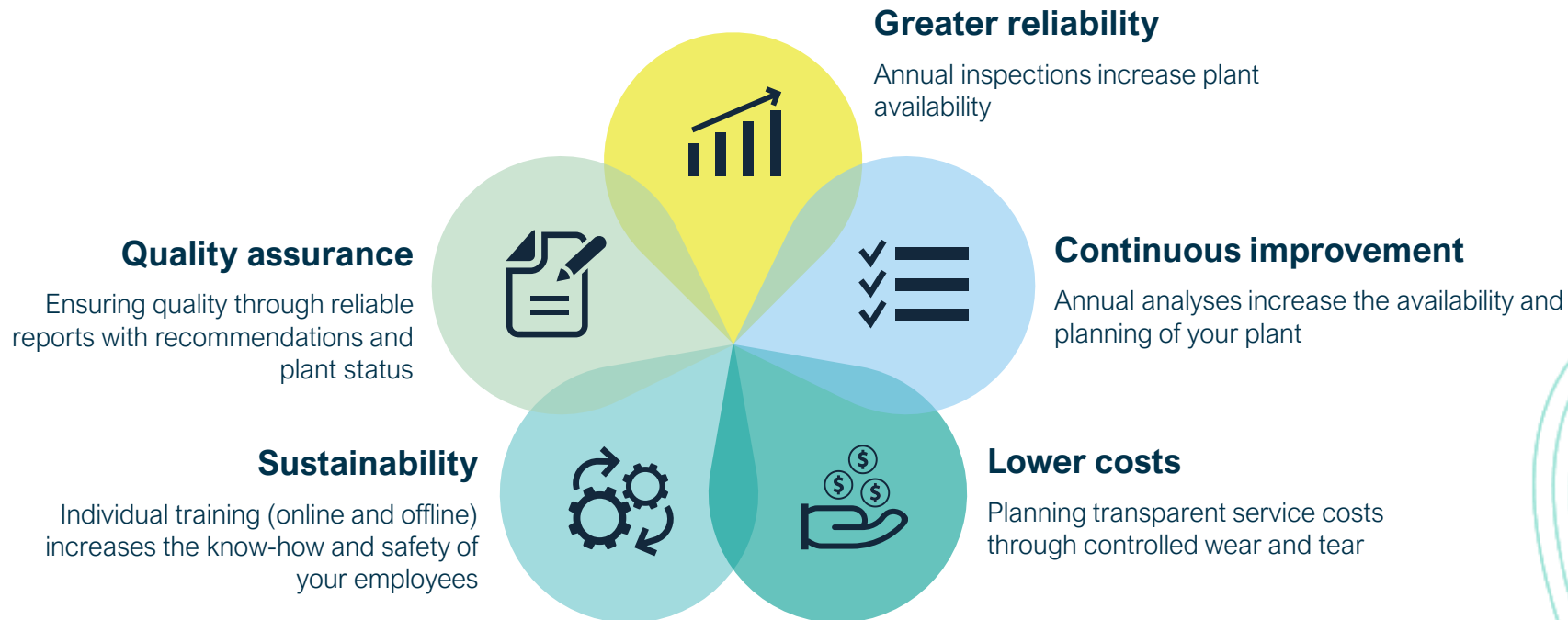


From the **component idea** to **implementation** and **quality improvement**.



Your advantages at a glance

- **Increase the reliability of your equipment** by providing a reliable customer report with recommendations and equipment status
- **Transparent service costs** for easy planning and budgeting
- **Individual training** to increase the know-how and safety of your employees





INNOVATIONS FOR A BETTER WORLD