



Manual

Options for action at the end of the useful
life of KRONES machines

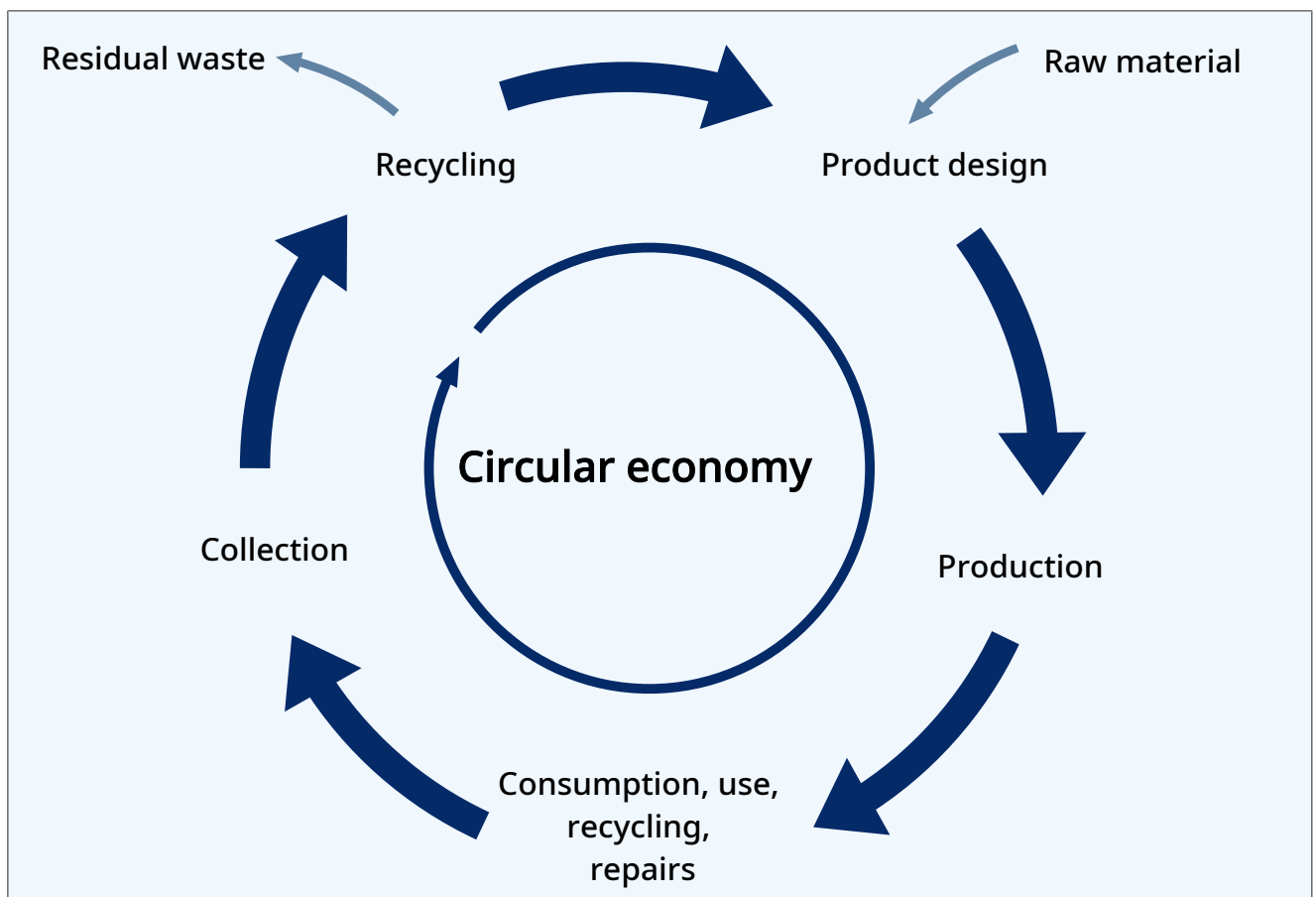


1 End of the useful life

With the various products of the KRONES Lifecycle Service, such as retrofitting, maintenance or additional servicing, KRONES does everything possible to extend the service life of the machines to a maximum.

Despite all these measures, however, at some point they are no longer used. Therefore, Krones relies on the idea of the Circular Economy as part of sustainable product design throughout its portfolio, so that the resources used can be optimally recovered and reprocessed at the end of their service life. Only in this way can resources be conserved, waste avoided, primary energy saved and the environment protected within the framework of the professional decommissioning, dismantling and disposal of the machine.

By cooperating with the Ecomac GmbH, KRONES offers its customers various options for acting to avoid independent and costly disposal of the machine at the end of its useful life and at the same time to jointly combat climate change.



Circular economy

2 Options for action

1. Easy disassembly of the products and re-usability of the materials

KRONES relies on the idea of the Curricular Economy as part of sustainable product design throughout its portfolio, so that the resources used can be optimally recovered and reprocessed at the end of their service life. Therefore KRONES orients itself at existing recycling guidelines. In addition, KRONES provides its customers with manuals which contain information for dismantling and disposal of machines after their utilization phase.

2. Company specific return programmes/centres

The KRONES subsidiary ECOMAC carries out general overhauls on used machines using original spare parts and returns machines to a new use at the end of their service life phase. The experienced specialists at Ecomac know the beverage industry and the machine technology which enables them to overhaul your machines from scratch at the end of their product life. In this way, you save on the new investment and, at the same time, help preserve the environment.

- Contact and appointment with KRONES/Ecomac
- Specification of the necessary overhaul points
- Performance of overhaul
- Restart of the machine

3. Decommissioning, dismantling and re-installation

A further option is the professional decommissioning and dismantling and the in-house re-installation of the machine at another site.

- Contacting Krones/Ecomac
- Professional decommissioning and dismantling
- Relocation of the machine
- Re-installation and recommissioning of the machine

4. Purchase or sale of the machine

Should you decide to part with your machine, Ecomac provides the possibility of selling it on the international second-hand market. Thanks to the company's worldwide contacts, they always know who is looking for a used machine.

- Contacting KRONES/Ecomac
- Decommissioning and dismantling of the machine
- Purchase or procurement of the machine by Ecomac

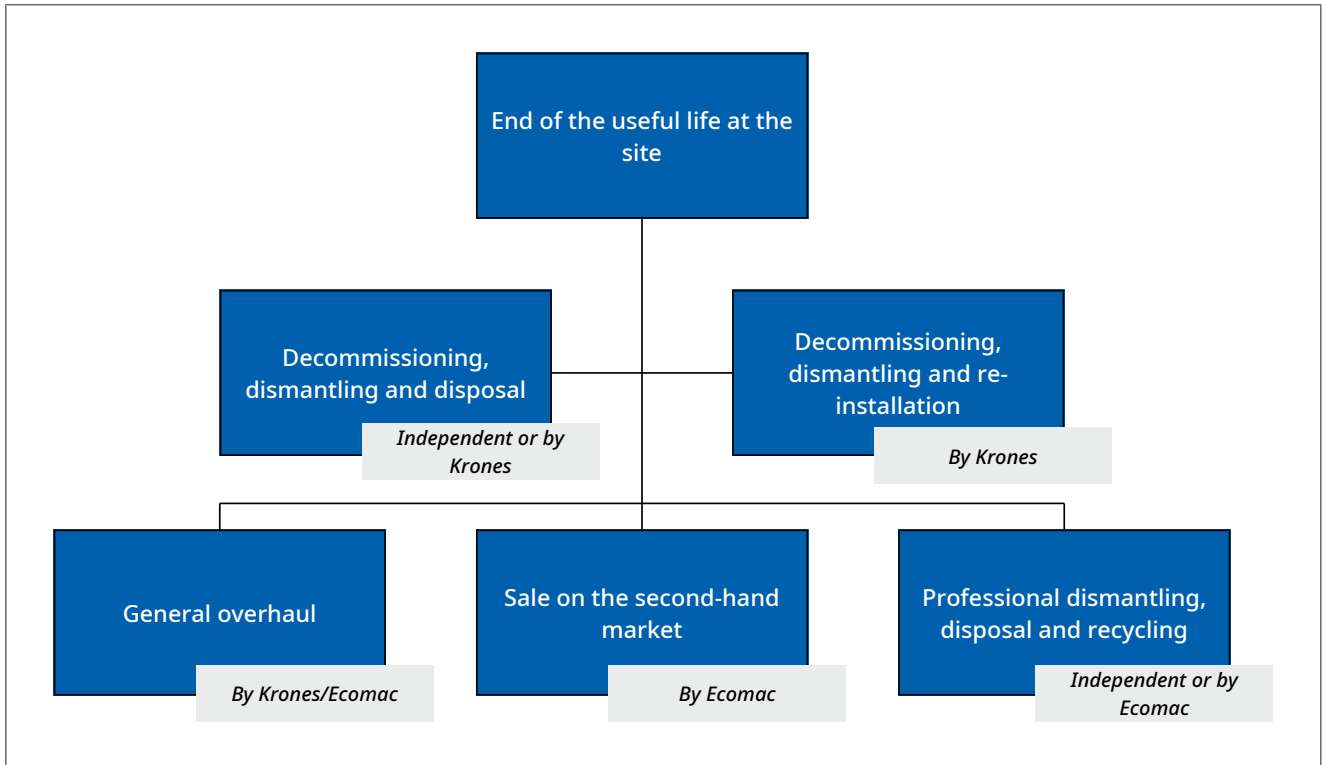
5. Professional dismantling, disposal and recycling

The professional decommissioning, dismantling and disposal can be carried out independently using the contents of the operating manual as well as by KRONES. In the process, valuable materials such as stainless steel, electrical cables or brass can be recovered through the professional dismantling of the machine and fully returned to the material cycle.

- Contacting KRONES/Ecomac or a certified recycling company
- Decommissioning and dismantling of the machine
- Transport of the machine to a cooperation partner/recycling company
- Certification of the proper recycling of the materials



Options for action



End of the useful life