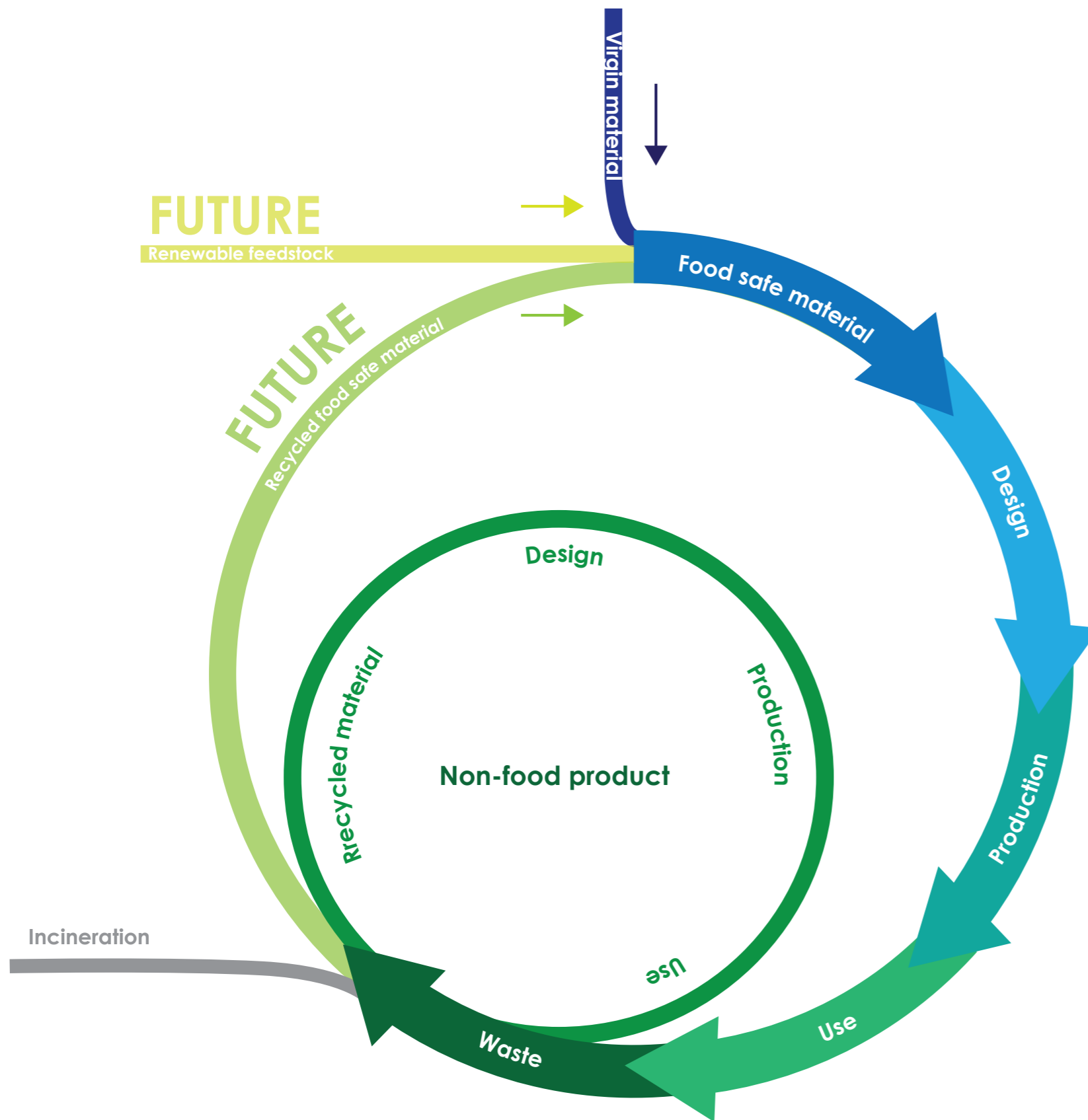


LIFE CYCLE OF CAPS & CLOSURES



Food safe material

Because the closure comes in contact with food, the material must be clean. That's why Kornelis always produces with food safe material.

Virgin material

Virgin materials are materials that have never been used or processed before. Virgin material PP is food safe.

Recycled food safe material (future)

Recycled food safe material are made of waste. A certification is required to prove that material is recycled and food safe.

Renewable feedstock (future)

Renewable raw materials are (almost) inexhaustible raw materials, because the supply can be restored in a short period of time. A certification is required to prove that material is renewable and food safe.

Design

Kornelis develops its closures as light as possible. By reduction the weight, the footprint will be lower. Kornelis greens its seals, making the product easier to recycle.

Production

Kornelis produces its closures with electric injection molding machines. These machines partly run on green energy from its own solar panels.

Use

The customer processes the closure in its product and distributes it to the store. The consumer then buys and uses the product.

Waste

The consumer disposes the product in the plastic waste. This waste can be processed in 3 ways:

Recycled material

The waste is processed into recycled PP. Then it is used in non-food products.

Recycled food safe material (future)

The waste is processed into recycled food safe material. The material can be used in food packaging.

Incineration

The waste is not recyclable and is incinerated. This provides energy.