## Mining, extraction & acquisition

Extracting raw materials from mining operations or recycled materials

Aluminum

Steel

Rubber

Silicon

Copper

Titanium

Nylon mesh



## Materials processing



## Bicycle assembly



## Bicycle distribution



Use phase



End of life scenarios

Creating components of the bicycle such as frame, wheels, and tires

Refining

Shaping

Molding

Heat treatment

Welding

Assembling components to create a complete bicycle

Frame attachment

Wheels installation

Drive train

Brakes

Handlebars

Distributing & selling to retailers or directly to customers

> Transport from facility to Store

Transport from store to end user

Using & riding of the bicycle over its lifespan for transportation

Processes at the end of bicycle life cycle. There are a few possible routes

Components replacement

Maintenance

Recycling

Reuse / resell

Disposal