


Community Cycle

A community driven recycling system





*How can we empower
communities with a simple,
more convenient, and reliable
system of disposing recyclables
on a local level*

Research

Of the 292 million tons of municipal solid waste generated, approximately 94 million tons were recycled/composted, resulting in a recycling and composting rate of only 32%.

7/10 Americans polled would go out of their way to support a company that makes strong efforts to be sustainable.

In 2019 Germany's recycling rate rose (and continues increasing) to 67% as they remain leading globally when it comes to recycling and composting.

Considerations



Simple

When aiming for simplicity, we not only looked at ease of organizing the different composition of recyclables, but also can be used by anyone 24/7



Motivating

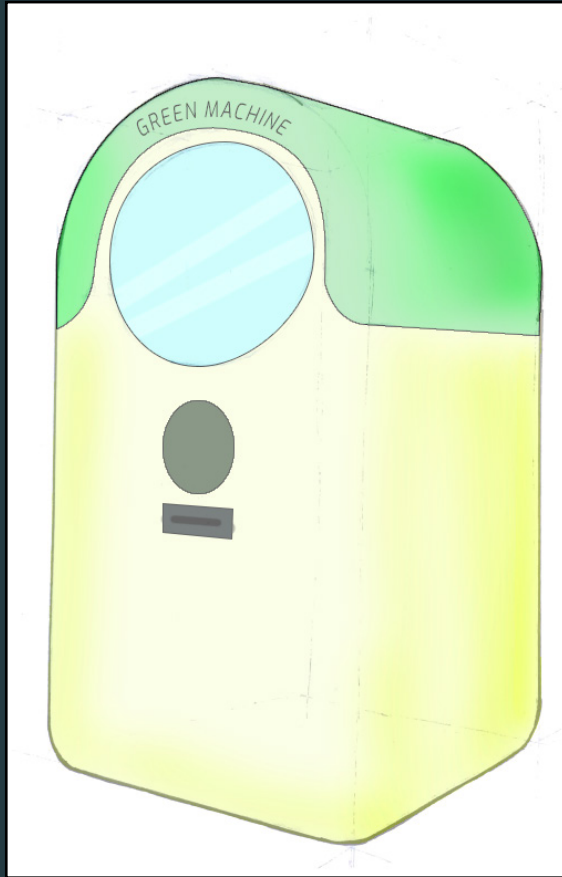
Beyond an ethical drive to keep our environment clean, we also wanted to make sure that users would have an incentive to recycle consistently



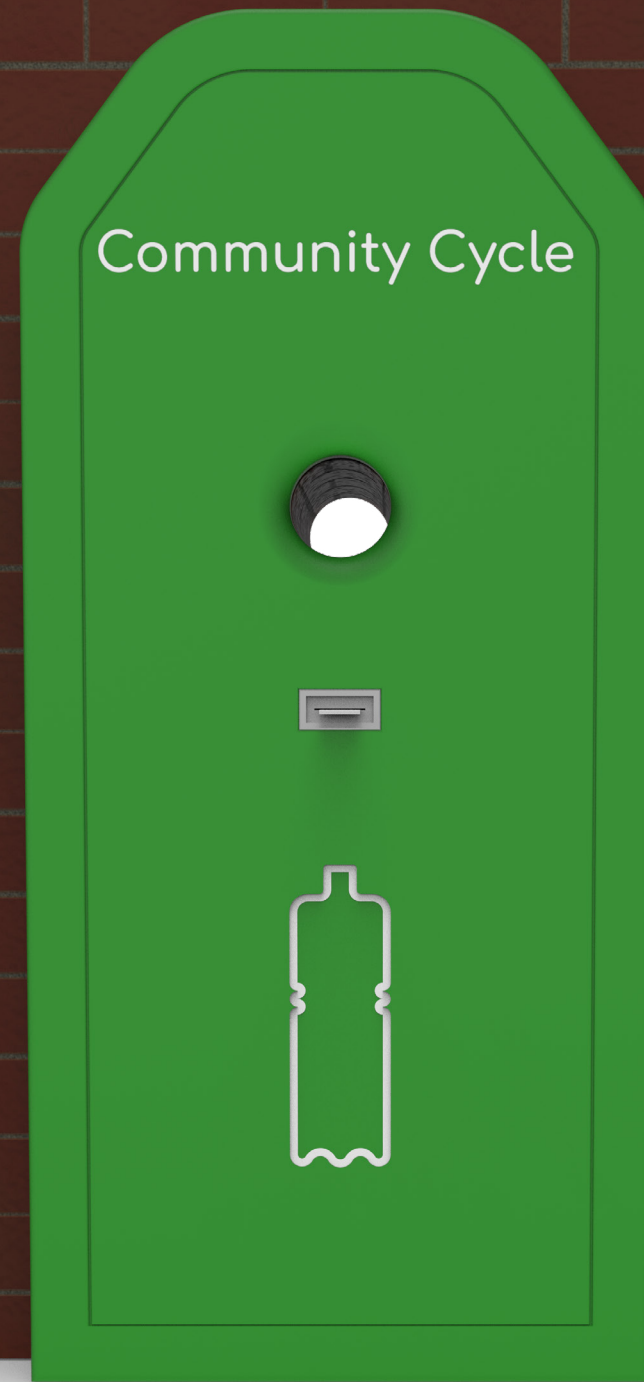
Communal

Finally we wanted our overall system to not only be community driven, but help build a tight-knit relationship between the community and their goals

Preliminary Concepts



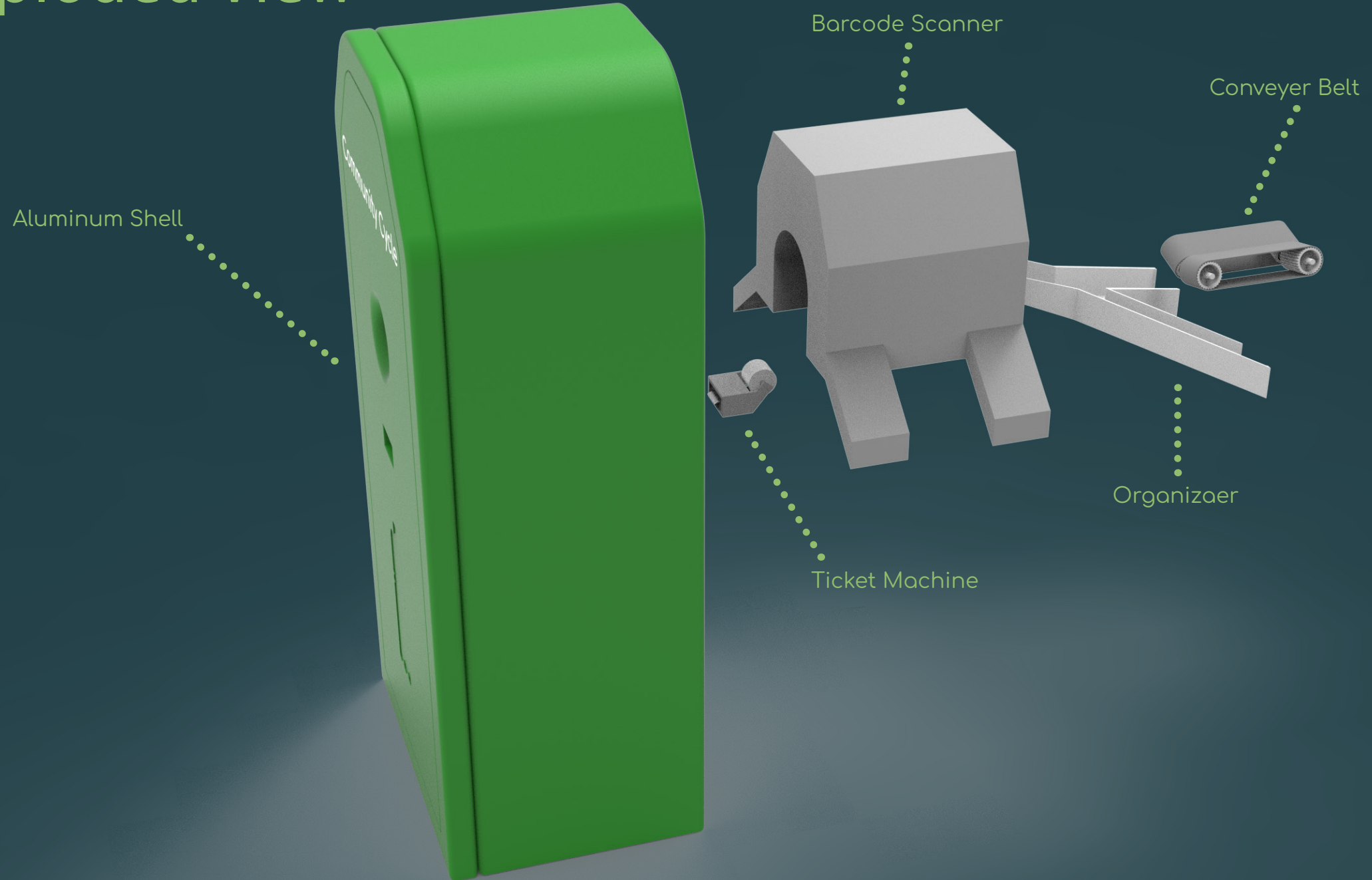
Introducing
Community Cycle



Proposed Concept



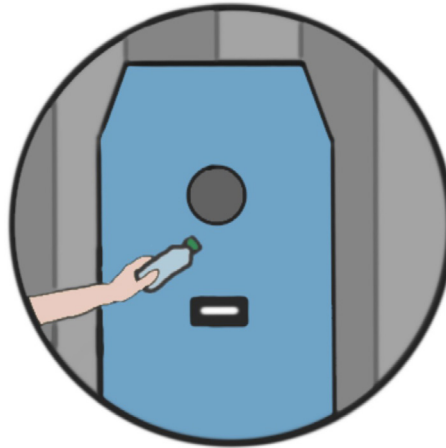
Exploded View



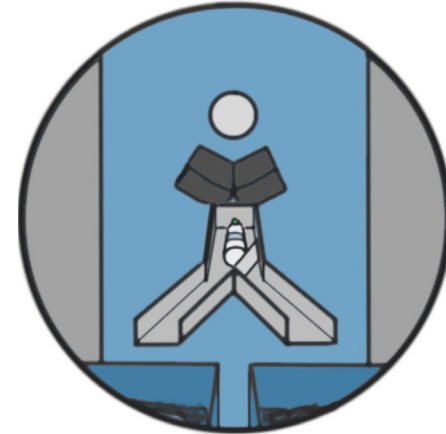
Storyboard



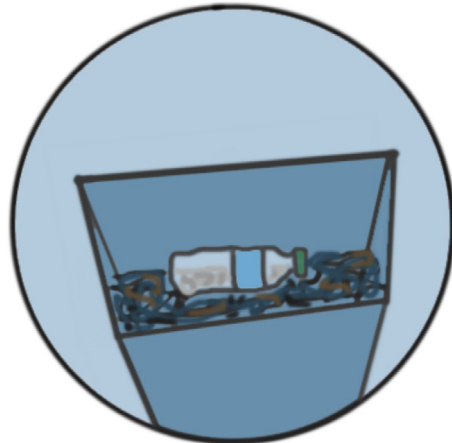
Arrive at your local
Community Cycle



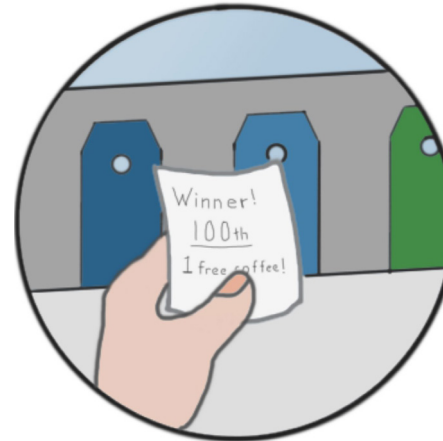
Insert the waste material
into the designated chute



Community cycle will then
scan the Barcode and
organize



Then Community Cycle
will place the waste in the
designated reciptical



Finally a ticket will be
printed with a coupon or
cash prize accordingly

Thank You