



MARIi

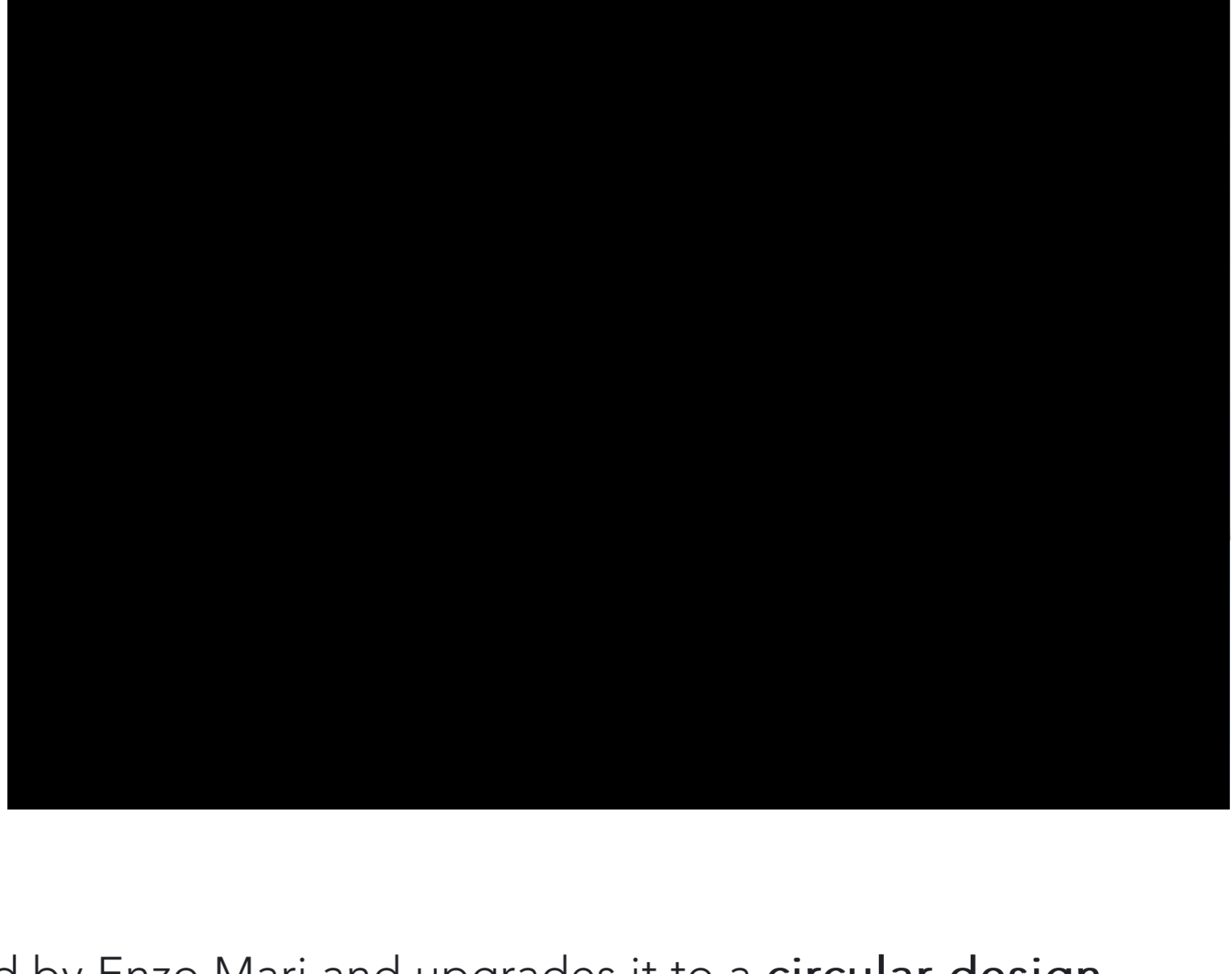
A collaborative project on circular design products made from multi-use parts.

What is Open Design?

It is the development of physical products, machines, and systems through the use of publicly shared design information

What is Circular Design?

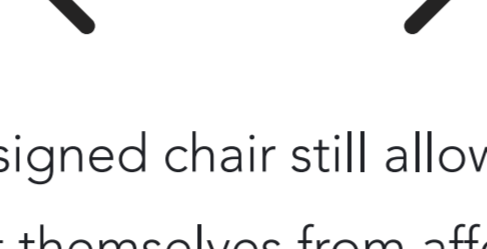
A design that conserves resources and the environment by planning future reuse and further use of its materials and components



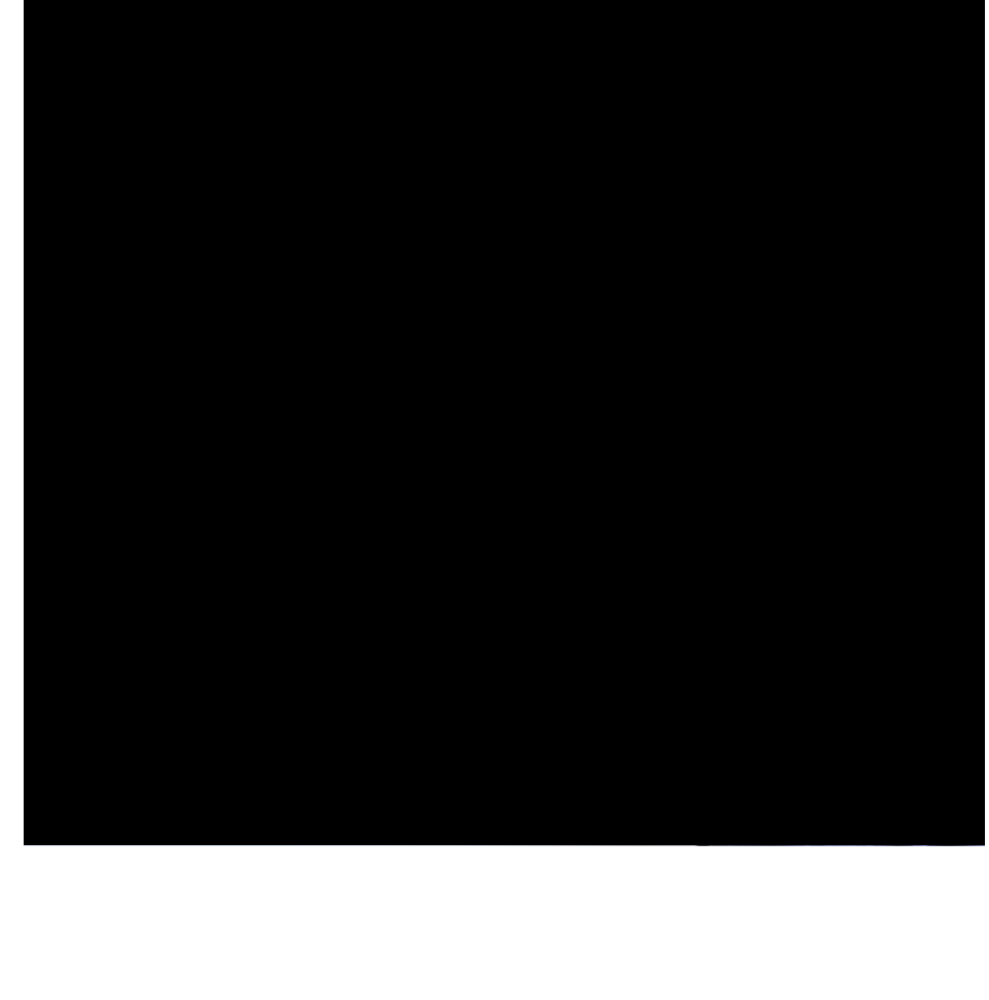
"The Marii" takes a chair designed by Enzo Mari and upgrades it to a circular design chair built from multipurpose parts.



Mari's collection Autoprogettazione is furniture made from basic affordable material that people can make themselves

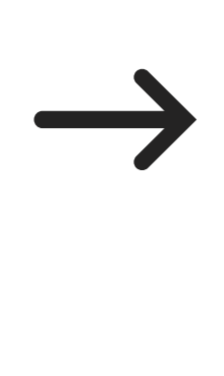


The redesigned chair still allows for people to build it themselves from affordable materials. it turns the reusable in a collection of parts that are reusable in other builds.



Opportunity

Upgrade Enzo Mari's Open Design Chair



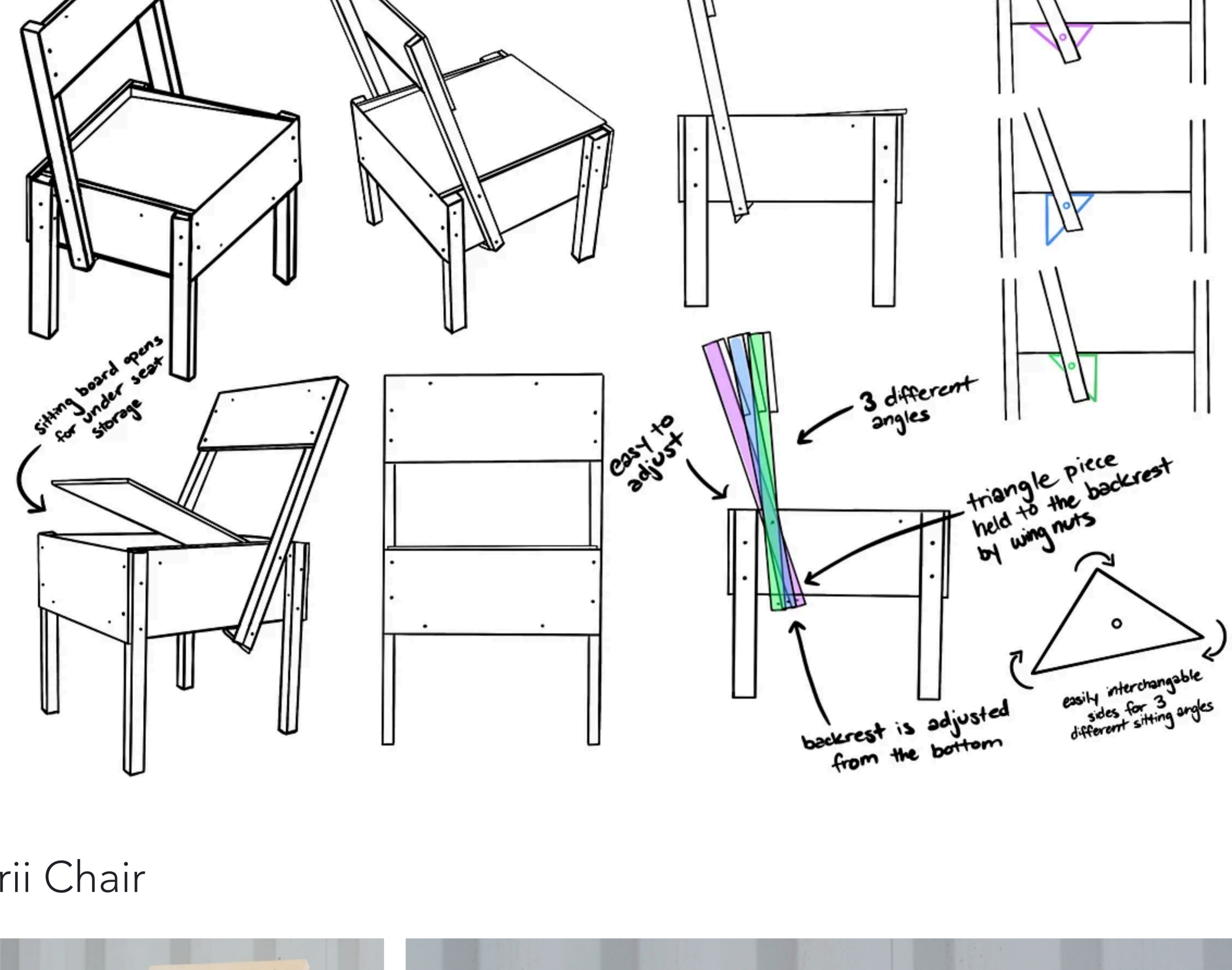
Goals

add storage, adjustable backrest, and built from multipurpose parts

Prototyping Process



Final Design



Marii Chair



Adjustable Backrest

With a simple adjustment using a wingnut, you can rotate the triangle piece to adjust the backrest to different positions



Multipurpose Parts

Multipurpose parts allow for multiple different builds. Using the Ikea catalog anyone can use a series of parts from the list and create their own inventions



Parts

The complete parts list for the Marii chair and for the additional builds



This project was made in collaboration with Mifactori as a Fall 2023 CO-OP

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