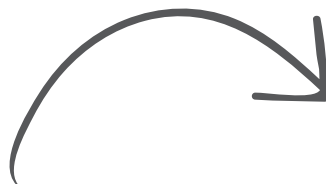


Slow furniture Evolving, durable and emotional furniture design.



This work proposes a solution to the increasing amount of discarded furniture after its life cycle, especially that intended for use by children. The project studies the creation of an evolving piece of furniture, capable of changing types to accompany children as they grow up and to be preserved into adulthood. Based on the principles of the Circular Economy, the proposal proposes a product that can be transformed, extending its useful life over several cycles and retaining both its physical value and all the resources used during its manufacture. In addition, it is designed to create an emotional bond between the person and the object that helps the individual give furniture a second and third life, delaying or avoiding its arrival in landfills.

To carry out the project, the problem of furniture waste in the European Union was thoroughly analyzed. Interviews and surveys were then conducted with different types of users, from which conclusions were drawn to determine the feasibility of the project. After the design and selection of different alternatives, the furniture was structurally analyzed and a study of sustainably produced materials in the European Union was conducted. This work was my final dissertation. If you want to consult it, go to <https://riunet.upv.es/> and search for Slow furniture disseny d'un moble evolutiu, durador i emocional.



The European Union is responsible for 28 percent of all furniture produced annually worldwide, representing a market worth 300 million euros. Each year this market generates 10 million tons of waste in the EU.

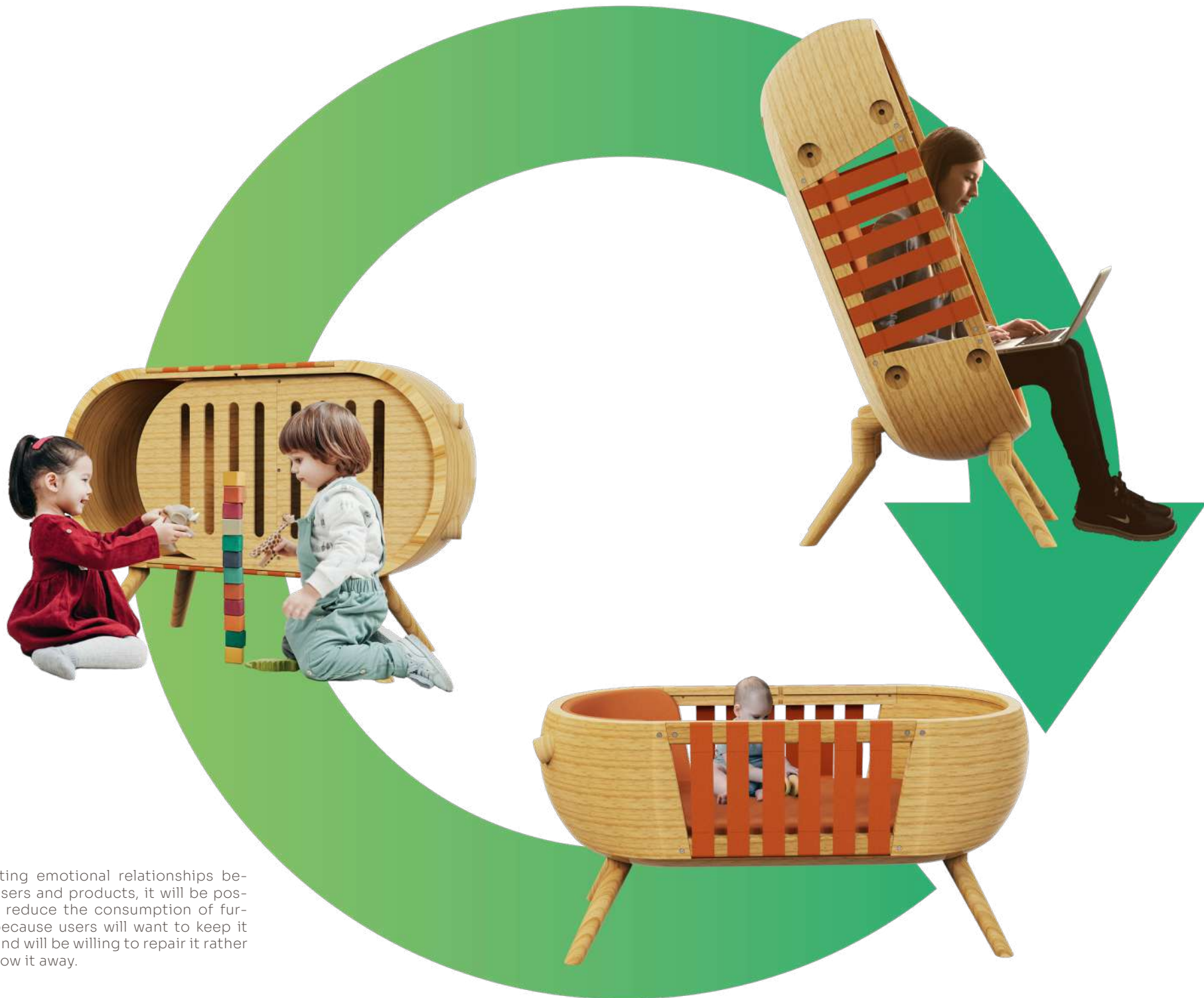


80% Accumulato in discarica

20% Combustione

>1% Riciclaggio



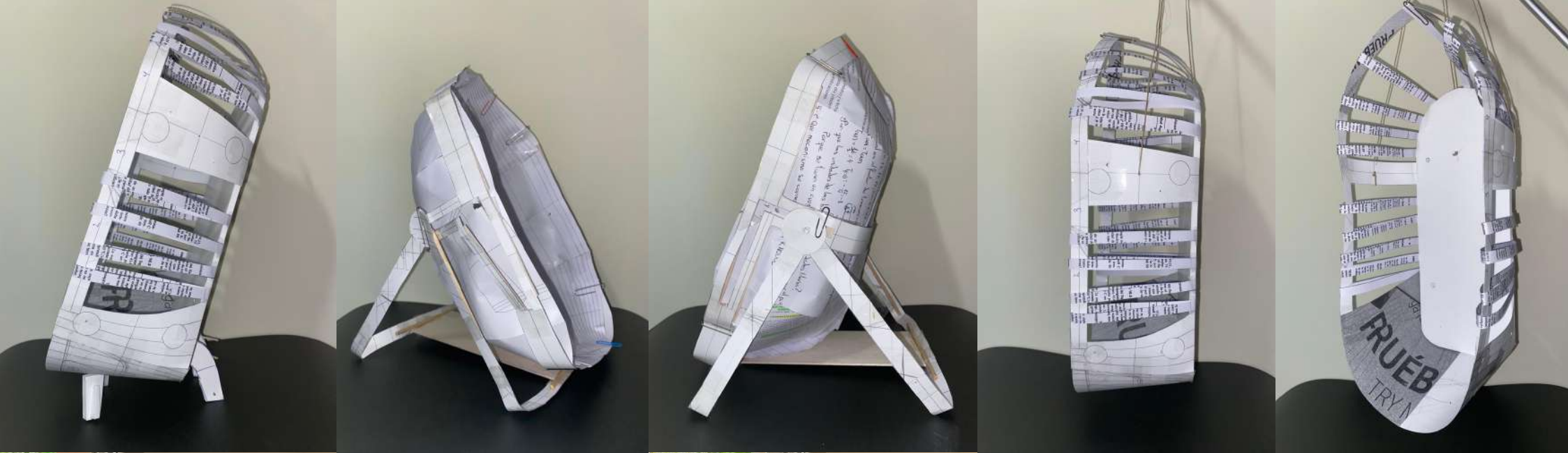
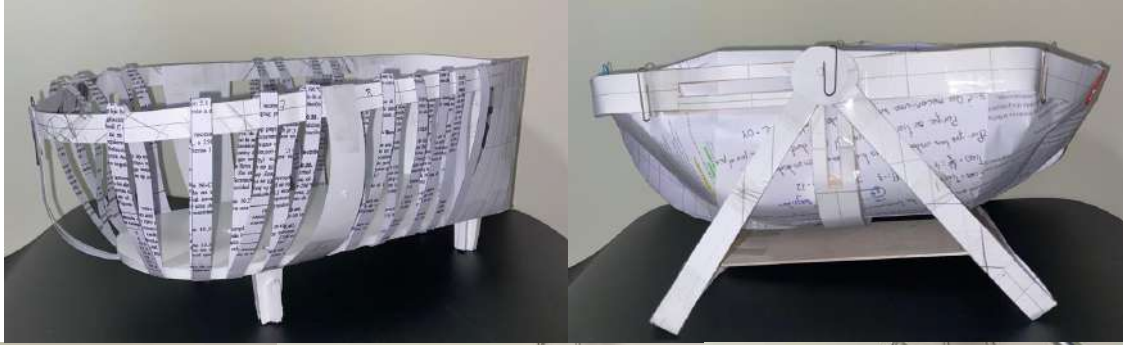


By creating emotional relationships between users and products, it will be possible to reduce the consumption of furniture because users will want to keep it longer and will be willing to repair it rather than throw it away.



Drawings made with photoshop







Cradle



Toy organizer



Seat



Details

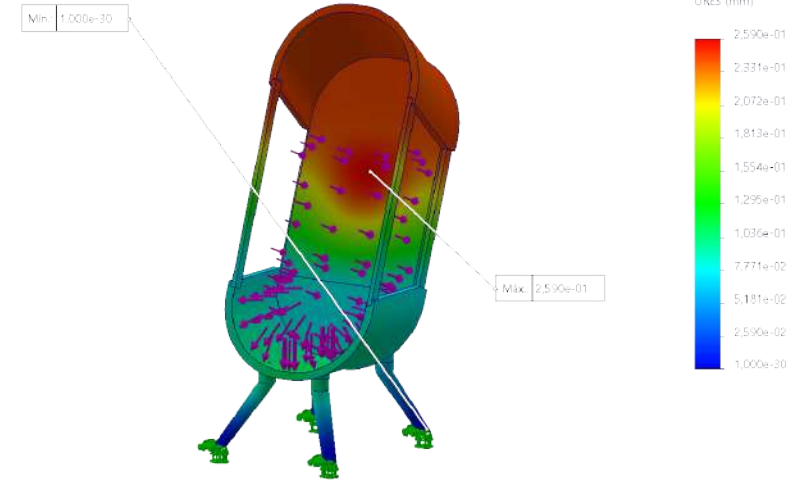


Details

Nombre del modelo: Ensamblaje para análisis
 Nombre de estudio: Análisis estático 1(-Predeterminado-)
 Tipo de resultado: Factor de seguridad Factor de seguridad1
 Criterio: Automático
 Rojo < FOS = 2 < Azul



Nombre del modelo: Ensamblaje para análisis
 Nombre de estudio: Análisis estático 1(-Predeterminado-)
 Tipo de resultado: Desplazamiento estático: Desplazamientos1
 Escala de deformación: 1



Structural calculation of the furniture

Nombre del modelo: Ensamblaje para análisis
 Nombre de estudio: Análisis estático 1(-Predeterminado-)
 Tipo de resultado: Análisis estático: tensión nodal: Tensiones1
 Escala de deformación: 1

