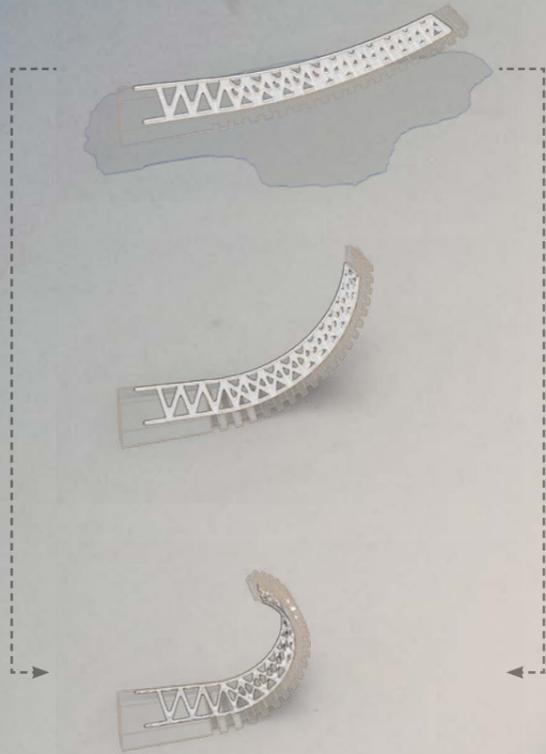


HYGROFLEX

Integrating Hydrogel and Wood for Adaptive Building Solutions

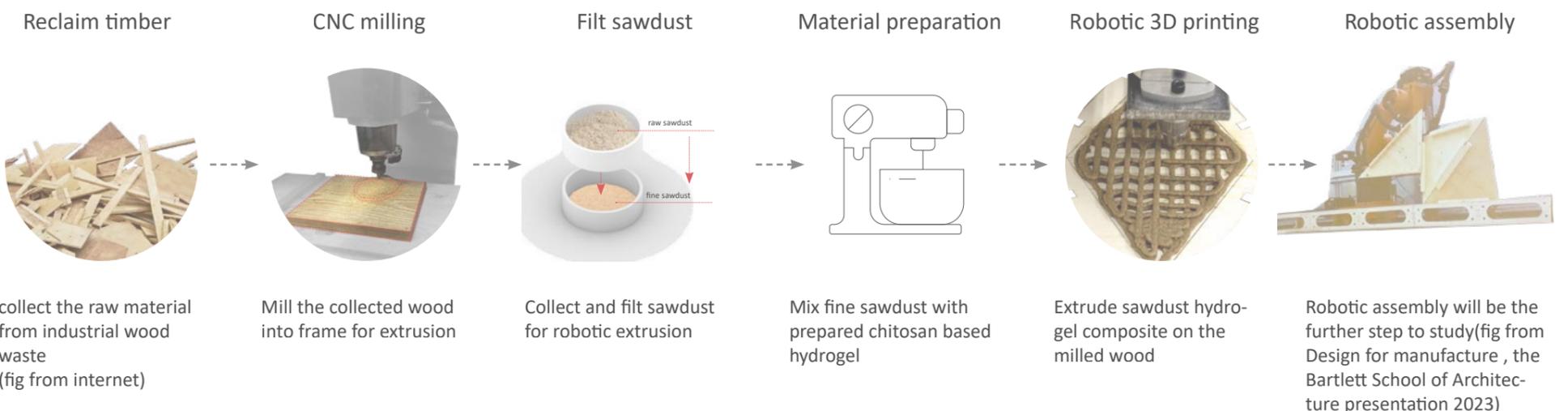


The reversible bending process involves hydrating and dehydrating the hydrogel in conjunction with wood to achieve bending effects.



The image depicts the condition of naturally curved wood accompanied by dehydrated hydrogel panels.

Subtraction - Additive fabrication workflow



Co-funded by the European Union

