

THIS ACTOR IS AFFECTED

Which actor is affected most or first?

Oak tree

BY THE FOLLOWING

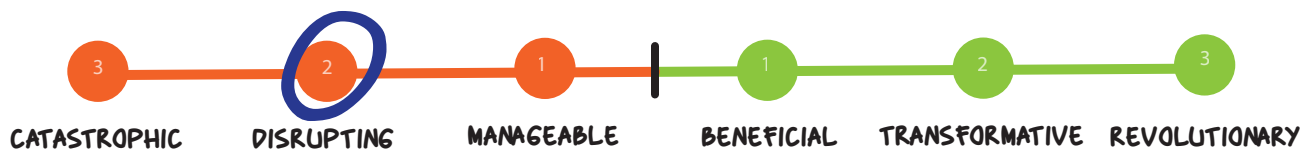
What materials or components of the design cause the impact?

ASPECT(S) OF THE DESIGN

Plastic components, often made from petrochemicals

WITH THIS INTENSITY

Circle the extent to which the actor is affected by this impact positively or negatively.



IN THIS WAY

How do(es) the defined aspect(s) of the design impact the defined actor?

The breakdown of single-use plastics releases microplastics and harmful chemicals into the soil impacts the oak tree's ability to absorb nutrients and water, leading to reduced growth

IMPACT