HS-ESS3-4 - Evaluate or refine a technological solution that reduces impacts of human activities on natural systems.

Examples of data on the impacts of human activities could include the quantities and types of pollutants released, changes to biomass and species diversity, or areal changes in land surface use (such as for urban development, agriculture and livestock, or surface mining). Examples for limiting future impacts could range from local efforts (such as reducing, reusing, and recycling resources) to large-scale geo-engineering design solutions (such as altering global temperatures by making large changes to the atmosphere or ocean).