



How Efficient is the Process of Achieving a Self-sustaining Solution?

Ocean Voyages Institute must currently rely on ongoing support to expand the vital solutions needed to a scale to a level that will commensurate with the size of the problem. As plastic recycling, repurposing and upcycling technologies improve, it is to be seen if it may have enough value to pay for continued clean up expeditions.

National Geographic states that “Mass production of plastics, which began just six decades ago, has accelerated so rapidly that it has created 8.3 billion metric tons- most of it in disposable products that end up as trash. 91% of the plastic is not recycled. Every year, 8 million metric tons of plastics enter our ocean on top of the estimated 150 million metric tons that currently circulate our marine environments. [\[Nat Geo\]](#)

Other References

[More info on plastics and health](#)

[More info on OVI and Plastic Processing](#)

[Ecowatch: The complex and frustrating reality of recycling plastic](#)