A12

PROPOSALS TO CLEAN UP OUR OCEAN

by Julian Conde

I. Write T (true) or F (false).

1. ____ Marine scientists estimate that there are currently over 5 trillion pieces of plastic littering the oceans.
2. ____ Boyan Slat's proposed system relies heavily on actively chasing plastic using standard boats and fishing nets.
3. ____ The Great Pacific Garbage Patch is located in the region between Hawaii and California.
4. ____ Boyan Slat first proposed his technological solution to plastic pollution when he was a teenager in the Netherlands in 2013.
5. ____ The Great Pacific Garbage Patch is the smallest of the world's five ocean garbage patches.
6. ____ Slat's "The Ocean Cleanup" system utilizes a floating U-shaped screen designed to move more slowly than the floating plastic.
7. ____ At the time the article was written, Slat's Ocean Cleanup system had already been fully deployed and operating for several years.
8. ____ Slat and his team tested out their floating screen technology in harsh North Sea conditions.
9. ____ Slat calculates that his fleet of clean-up systems could clean up about 50 percent of the Great Pacific Garbage Patch in just five years' time.
10. ____ Marcus Eriksen believes that downstream mitigations in the middle of the ocean are the most effective way forward.
11. ____ Marcus Eriksen is the founder of the 5 Gyres Institute in California.
12. ____ Eriksen's model focuses primarily on prevention and stopping the flow of plastic trash at its source before it washes to sea.
13. ____ Cities around the world are installing booms in rivers and estuaries to capture plastic trash.
14. ____ Eriksen notes that plastic recovery centers in Southeast Asia are working with local companies to redesign excessive plastic packaging.
15. ____ Both Boyan Slat and Marcus Eriksen completely agree on the exact strategy and placement needed to solve the ocean plastic crisis.

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