



THE OCEAN CLEANUP FOUNDATION



劉品玉 Christine



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Since age 16, Boyan Slat has had one dream – to clean up the trillions of pieces of plastic that are polluting our oceans and killing precious marine life. In 2013, the then 18-year-old dropped out of college to establish The Ocean Cleanup Foundation. The nonprofit's mission was to build an environmentally-friendly, large-scale, and efficient method to extract ocean plastic litter and to raise global awareness.



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(Vt)創立

非營利的

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珍貴海洋生物

輟學; 休學

大規模的

有效率的方法

raise awareness 提高意識

(Vt)提取

塑膠垃圾



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從16歲開始，Boyan Slat就有一個夢想—清理污染海洋並殺死寶貴海洋生物的數萬億片塑膠。2013年，當時18歲的他大學退學，建立海洋清理基金會。該非營利組織的使命是建立一種環保、大規模、高效的方法來提取海洋塑膠垃圾並提高全球意識。

The young innovator, who raised \$22 million to help fund the project, recently announced that he expects to deploy the first operational cleanup system in the Great Pacific Garbage Patch, located between California and Hawaii, by mid-2018, almost two years ahead of his original target date of 2020. The small solar-powered arrays, kept in place by underwater “anchors,” are designed to collect the surface garbage as it floats past. The accumulated plastic will be brought to land for recycling. Slat believes his invention will allow us to clean 50 percent of the patch within five years.



革新者

(Vt)募集

(Vt)展開; 部署

(Adj)運轉的

環太平洋垃圾帶

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預定日期

target date

錨

發明

(Adj)累積的

%

太陽(供)能的

(N)陣列

- ○ ○ ○ ○
- ○ ○ ○ ○
- ○



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這位年輕的創新者籌集了2200萬美元資助該項目，最近他宣布預計將在2018年中期在位於加利福尼亞州和夏威夷州之間的環太平洋垃圾帶部署第一個運轉中的清理系統，比他的原始預定日期2020年提前差不多兩年。由水下的“錨”保持固定位置的小型太陽能陣列被設計用來收集浮在水面上的表面垃圾。累積的塑料將被帶到陸地進行回收。Slat相信他的發明將讓我們在五年內清理50%的垃圾帶。

How the oceans can clean themselves: Boyan Slat at TEDxDelft



資料來源

<https://www.dogonews.com/2018/4/17/earth-day-2018-is-dedicated-to-reducing-plastic-litter-and-pollution/page/21>

<https://www.youtube.com/watch?v=ROW9F-c0kIQ>