

臺灣環保署推出海洋廢棄物循環利用驗證及標章制度

為響應國際對海洋廢棄物議題之關注，臺灣行政院環境保護署推動海洋廢棄物循環產品標章（圖 1），對循環利用海洋廢棄物作成的原料及產品給予官方認證的標章，讓民眾認知減少海洋廢棄物的重要性。歡迎各企業或團體申請標章認證，為對抗海洋廢棄物盡一份力！

國際間有多種海洋廢棄物標章，均由企業、團體或非政府組織發展而成。本標章，是國際間第一個由政府機關支持，具有嚴謹驗證程序規章證明原料或產品來自海洋廢棄物循環製造，並清楚定義海洋廢棄物、海洋廢棄物的來源及含量，值得國際企業申請，展現對防止海洋廢棄物對環境衝擊的積極行動與支持。

臺灣在 2020 年間，與 7 個地方政府、民間團體、8 個產業界及認證機構合作，淨灘、分類、收集、處理、製作的實作程序，完成確認來源屬於海洋環境、文件紀錄可追溯之海洋廢棄物循環產品驗證示範，完成製作潯寶衣（圖 2），成分高達 96%全來自淨灘撿拾之廢寶特瓶海洋廢棄物。

臺灣行政院環境保護署訂定海洋廢棄物循環產品驗證機制及標示規範，發布「行政院環境保護署海洋廢棄物循環產品標章推動作業要點」（附件），推動海洋廢棄物循環產品標章。各企業或團體之原料或產品，來自海洋廢棄物，其收集分類處理與製作，建立可追溯紀錄，經符合 ISO 17065 及 ISO 17021 二項驗證機構之查證聲明及查證報告，海洋廢棄物重量達 20%以上，提出申請，審查後給予標章。

身為海洋國家，臺灣希望能以優異之軟實力翻轉海洋廢棄物等對海洋環境的危害，回饋於國際社會。

相關資料請參閱海洋廢棄物循環產品標章申請資訊專區
(<https://recycle2.epa.gov.tw/People/MaritimeWasteZone.html>)。



圖 1.海洋廢棄物循環產品標章



圖 2. 以 96%海洋廢寶特瓶製成之海洋廢棄物循環產品~「潯寶衣」

Taiwan EPA Establishes World's First Government-Supported Marine Recycling Certification System

In response to global concerns about marine debris, the Taiwan EPA is promoting the Recycled Marine Debris Product Label (fig. 1), an official certification label given to raw materials and products made from recycled marine waste. With the label's introduction, the public is able to become aware of the importance of reducing marine debris. All enterprises or NGOs are welcome to apply for the label through certification and do their part in the fight against marine debris.

Various logos or labels relating to recycled marine debris have been developed by enterprises or NGOs in recent years. The Recycled Marine Debris Product Label is unique in that it is the first one in the world supported by a government agency that involves rigorous validation procedures and regulations. The meaning of marine debris and its content in the product are strictly defined. It is worthy of application by international companies to not only show support but take action to prevent the impact of marine debris on the environment.

The Taiwan EPA cooperated with local environmental protection bureaus, volunteer groups, industries and certification institutes in 2020, to complete the verification demonstration of confirming that the product "Shiun Bao Yi" shirt (fig. 2) was made from recycled marine debris with documentations that trace to the materials' origins. Except for the necessary elastic fabrics, 96% of the materials used were made from waste plastic bottles collected from the ocean and beaches.

To clarify the certification mechanism and labeling regulations for such products, the Taiwan EPA promulgated the "Operation Directions for the Recycled Marine Debris Product Label, Environmental Protection Administration, Executive Yuan" (annex) to promote the Label. Enterprises

or NGOs can apply for the Label for any product with at least 20% of its weight originating from marine debris. Requisite documents for the application are verification statements and verification reports issued by a domestic or foreign certification institute that conforms to both ISO17065 and ISO17021 and is capable of verifying the operation of the management mechanism for the source and production of marine debris.

As a maritime country, Taiwan hopes to use its well honed soft power to reverse the harm that plastic waste has caused in the marine environment and give back to the international community.

For more information, please go to <https://recycle2.epa.gov.tw/EN/images/news/NewsFile/MaritimeWasteZone.pdf>



Fig. 1 Recycled Marine Debris Product Label



Fig. 2 Shiun Bao Yi shirt, which is produced with 96% content from marine waste plastic bottles