

EFL ENGLISH DAILY



[Keywords](#)



[Boyan Slat](#)

1, outnumbered

2, **spur** into action

3, crowdfunded

4, theory

5, concave

6, boom

7, estimates

8, claim

9, **achieved**

10, architect

In 2011, a boy diving off the coast of Greece was shocked at the number of plastic bags in the water around him, which he thought outnumbered the fish! Spurred into action by this tragedy in a natural environment he wrote a science paper for his then high school studies. Fast forward to 2013 and he had given up his studies at university to launch a non-profit organisation, The Ocean Cleanup.



Crowdfunded at that time by 38000 people from many countries, the aim was to produce a passive system that gathers large amounts of waste from the ocean. The theory is as impressive as it is simple. Guided by natural currents a large concave boom over 600 metres long and three metres in depth moves more quickly than the materials floating on or near the surface, thus gathering those items in its path.





Comprehension

- 1, What was the boy motivated to do after a holiday in Greece?
- 2, How did he raise money for the project?
- 3, What is the aim of the system?
- 4, How does it work?
- 5, How long is half of the project expected to take?
- 6, How old is the inventor?

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September of this year (2018) saw the launch of the first collection system, System 001, which Slat estimates will remove half of the Great Pacific Garbage Patch within 5 years. It's an impressive claim which the world waits to see achieved.

But who is the architect of the project? Well, he is a young Dutchman, Boyan Slat. Born in the summer of 1994, good ideas can be had at any age.



Conversation

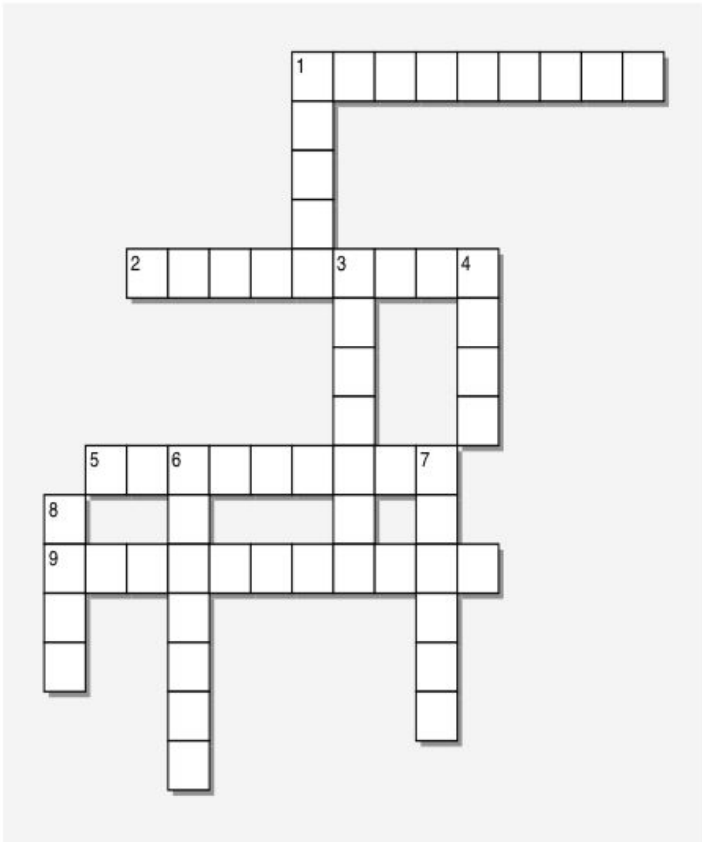
- 1, Have you ever had a good project idea?
- 2, What sort of project would you contribute to crowdfunding for?
- 3, How do you care for the environment now?
- 4, What more could you do?
- 5, If you saw someone drop litter on the street, what would you do?

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Crossword (using the Keywords on page 1)



Across

- 1. Gather money from many sources to pay for a project.
- 2. To guess a cost or time.
- 5. The designer of a plan.
- 9. More of another group/type.

Down

- 1. To say something is true.
- 3. To complete a task successfully.
- 4. Respond with energy to another action.
- 6. To bend inwards.
- 7. The logical thinking of a process.
- 8. A long floating barrier.

Your chance to write....

Explain why you think pollution will be better or worse in 2050?

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