



Complete the following text using the verbs in brackets in the correct form.

How does Global Engineering Become a Reality?

When the concept of *Global Engineering* (GE) is discussed, it 1..... (be) rather difficult to define it. GE 2..... (make) reference to an approach to engineering. That is, engineering issues are not discussed from a local perspective but from a global one. The GE approach 3..... (not/aim) to concentrate on problems that do not have a world impact. In order to understand this concept better, it is useful to discuss the different ways GE becomes tangible.

The publication of articles related to global problems is one way by which GE can become a reality. At present, there 4 (be) many articles that have been published in relation to problems that have to do with sustainable development around the world or engineering programs to develop a global mindset in students. One example of this is Alan Parkinson's work, whose articles 5 (be) available on the Online Journal for Global Engineering Education.

Conferences and congresses around the globe are another relevant way to make GE visible. The Global Engineering Congress, which 6..... (take) place in 2018, and the World Engineers Convention, in 2019, are good examples of how GE issues are discussed. For several consecutive days, engineers from different fields 7 (get) together to analyze, discuss and share proposals from different parts of the world. Although in 2020, these two events 8..... (not/take) place because of the COVID19 pandemic, there 9 (be) many online events that were developed online to go on working on global perspective proposals.

A further way by which GE is made visible is by means of special engineering programs developed at universities. A clear example of this is Purdue University's Global Engineering Program. On a regular basis, students 10 (attend) lessons in which the Sustainable Development Goals or NAE's Grand Challenges for engineering are at the center of the educational agenda. These students 11 (not/learn) about problems that can be easily solved. On the contrary, all the problems they 12 (address) require collaboration, team work, problem-solving skills and an understanding of cultural differences.

All in all, it can be stated that there are different ways that make it evident that GE is an evolving discipline and that it 13 (continue) developing in the future. It 14 (not/be) easy to accomplish this objective because there are many barriers that have to be pulled down. However, engineers are capable of 14. (find) new ways to deal with old problems by means of creativity and innovation.