

Presentation abstract

Antoine CHAN-LOCK

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Abstract

In this presentation I show the responsibilities an engineer have towards the environment. The evidence of human impact is getting more and more obvious, the studies shows phenomenons looking like massive extinction crisis. Recent publications says that around 60% of wild life disappeared since 1970 due to human activity, there will be more plastic than fishes in the oceans in 2050, and natural disasters are getting more powerful and more frequent because of global warming.

This looks like those publications have almost no effect on general population, because no massive march or protests against industries and governments took place. This contrast is even more relevant when we see a massive protest in France on November 17th because of the rise of 10 cents of a liter of gas. The ignorance of the general public of the environment issues can have many reasons. The fact that people don't understand it, don't feel directly affected, and don't have enough power to make changes.

Thus, as engineers we do understand, and we can create solutions for the environment issue. And on the top of that, we do have influence in industry. In our career we'll take part of industrial projects, and our choices will be determinant on the environment. The best example to illustrate engineers influence is the Volkswagen scandal called Dieselgate. Behind this scandal some decisions has been made, some engineers took part to it.

Finally, this elevator pitch aim is to make the audience realize they will have more power on environment than most people, so they could try to use it wisely.