

Climate Change: Effects of Motorsport

Most signs show that motorsport is detrimental to the environment. For this reason, motorsport fans must ask themselves one simple question. Why are the people in power not doing more to find the perfect solution to this enormous problem?

According to [CleanTechnica](#), a single team could travel over 109,000 air miles over the 21-race calendar where all ten teams would be burning approximately 147 million pounds of carbon dioxide, just to showcase the sport around the globe. That's the same amount of emissions that come from charging over [8 billion smartphones](#). Transportation is one of the biggest contributors to climate change and it's estimated that 7 billion tons of carbon dioxide (CO₂) was produced in 2020 alone, from global mobility.

In motorsport, they use lots of different fossil fuels like CO₂ emissions. Emissions per km in these vehicles are nine times those of an average new car. One of the main auto racing companies in the world, NASCAR, has informed the public that they see one million miles of racing at five miles per gallon each year. These numbers are catastrophic. Something has got to change. That's where Sylvain Filippi comes in.

Filippi is the managing director of Envision Racing, a British motor racing team based at Silverstone, where the F1 Grand Prix is held every year. He has publicly said that he holds the desire for all cars to become 100% sustainably fueled, hybrid engines, "In 2025, our aim is to unveil the new Formula 1 engine and it will be a 100% sustainably fueled hybrid engine that will be carbon neutral but maintain the power and speed we expect". He clearly sees this problematic issue and a decrease in carbon emissions can only be seen as a positive to make this sport greater than it ever was and is, "We aim to make a drop in fuel and are in advanced discussions with fuel companies to create the volumes needed for the sport but also scaling up the wider social use". Filippi is a prime example of someone who evidently knows what is vitally needed to achieve a more sustainable atmosphere.

Seven-time world champion in F1, Lewis Hamilton, is also a part of this new and improved model as he looks to create a better engine for his car. He believes the environment must change sooner rather than later. Sebastien Vettel, also multiple time world champion, is in strong agreement with Hamilton. He would like to see F1's resources and data used to put the sport to the very top to develop a more environmentally friendly world. The F1 itself is looking to improve, as by 2030 their goal is to have a net zero carbon footprint. 250,000 tons of carbon per year is simply unacceptable.

Things must change urgently or before we know it, we could see astronomical effects to our globe, without us even realising it until it's too late. They must act now. We must act now.