

Creating effective Paragraphs

Four features of effective paragraphs

- Unity
- Structure
- Flow
- Pace

Brazil is responsible for about 33% of all the ethanol produced in the world (some more recent studies point to 53% of production share). Presently, 'bioethanol replaces around 50% of the gasoline that would be used in Brazil if such an option did not exist' (Goldemberg [3, p.13]). Brazil has been implementing biofuel policies for more than 30 years to reduce the dependence on oil in road transport that in 2015 represented 57.9 millions of tons of oil equivalent according to IEA, its flex-fuel vehicle (FFV) technology is based in the use of bioethanol and gasoline, trying to take out gasoline and use only vehicles E100, initiatives from the producers and from the government together with the engagement of research institutions are all linked to develop the best possible technological solutions, both industrial and agricultural, to increase yield, efficiency and sustainability in the sector. The country's experience with the industry can be considered an example of development based on one's own resources, demands and knowledge, as Brazil developed an efficient fuel technology and industry, becoming the sole country to implant a large-scale alternative fuel to petroleum [12]. The Brazil flex-fuel vehicles are built to run by gasoline, a combination of gasoline and bioethanol in a percentage that can go from 25% to 100%; on 2010 according to ANFAVEA 81.8% of the cars sold in Brazil were flex-fuel, due to this we can see that the problem is not on the price or accessibility of the FFV, but in the politics that surround this type of vehicles; therefore, there needs to be a major incentive and a change in the policies so that all the transportation can be run 100% by bioethanol and with this reduce the use of oil in the transport [10].

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Paragraph Unity-Revised

- Brazil is responsible for about 33% of all the ethanol produced in the world (some more recent studies point to 53% of production share). Presently, 'bioethanol replaces around 50% of the gasoline that would be used in Brazil if such an option did not exist' (Goldemberg [3, p.13]). Brazil biofuel policies reduce the dependence on oil in road transport that in 2015 represented 57.9 millions of tons of oil equivalent according to IEA. The country's experience with the industry can be considered an example of development based on one's own resources, demands and knowledge, as Brazil developed an efficient fuel technology and industry, becoming the sole country to implant a large-scale alternative fuel to petroleum [12].

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Its flex-fuel vehicle (FFV) technology is based in the use of bioethanol and gasoline, trying to take out gasoline and use only vehicles E100, initiatives from the producers and from the government together with the engagement of research institutions are all linked to develop the best possible technological solutions, both industrial and agricultural, to increase yield, efficiency and sustainability in the sector. The Brazil flex-fuel vehicles are built to run by gasoline, a combination of gasoline and bioethanol in a percentage that can go from 25% to 100%; on 2010 according to ANFAVEA 81.8% of the cars sold in Brazil were flex-fuel.

Structure

- Topic Sentence (1 main idea, gives topic of paragraph and often links to previous paragraphs)
- ✓ Supporting point (expands point made in topic sentence)
- ✓ Supporting Point
- ✓ Supporting point
 - Concluding or bridging sentence

How effective is the structure?

- Brazil is responsible for about 33% of all the ethanol produced in the world (some more recent studies point to 53% of production share). Presently, 'bioethanol replaces around 50% of the gasoline that would be used in Brazil if such an option did not exist' (Goldemberg [3, p.13]). Brazil biofuel policies reduce the dependence on oil in road transport that in 2015 represented 57.9 millions of tons of oil equivalent according to IEA. The country's experience with the industry can be considered an example of development based on one's own resources, demands and knowledge, as Brazil developed an efficient fuel technology and industry, becoming the sole country to implant a large-scale alternative fuel to petroleum [12].

How effective is the structure?

Brazil's biofuel policies make it a significant producer worldwide as well as impacting national use. Brazil is responsible for about 33% of all the ethanol produced in the world (some more recent studies point to 53% of production share). Presently, 'bioethanol replaces around 50% of the gasoline that would be used in Brazil if such an option did not exist' (Goldemberg [3, p.13]). Brazil biofuel policies reduce the dependence on oil in road transport that in 2015 represented 57.9 millions of tons of oil equivalent according to IEA. The country's experience with the industry can be considered an example of development based on one's own resources, demands and knowledge, as Brazil developed an efficient fuel technology and industry, becoming the sole country to implant a large-scale alternative fuel to petroleum [12].

Flow

Smooth movement of ideas from one to next

- No gaps/jumping

‘Detecting cracks in pipelines could avoid some disasters. The points of using WFE is that its reflection from joints and supports are known, fractures and cracks could be detected.’

- Awareness of typical flow of a particular section (Real world importance of knowledge-what is already known-Gaps in knowledge)

- Keep moving forward

 - End sentence with one idea, start next sentence with the same idea.

- Make sure the subject of the sentence is where you want to focus attention.

How effective is the flow?

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DRAFT 1

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REVISED FOR FLOW

Brazil's biofuel policies make it a significant producer worldwide as well as impacting national use. Brazil is responsible **for up to 53%** of all the ethanol produced in the world. **Moreover**, 'bioethanol replaces around 50% of the gasoline that would be used in Brazil if such an option did not exist' (Goldemberg [3, p.13]). Brazil biofuel policies reduce the dependence on oil in road transport that in 2015 represented 57.9 millions of tons of oil equivalent according to IEA. **This progress** can be considered an example of development based on one's own resources, demands and knowledge, as Brazil developed an efficient

Exemplary sentence for flow

One part of this industry is Brazil's flexible vehicles. These vehicles are
.....

In fact its good in technical writing to have repetition of key words to have the smooth flow of ideas. You won't repeat the key words within the sentence but across the sentences it can be very effective if it's a key word.

Pace

- Points developed at appropriate speed
- Rushing caused by:
- Long sentences
- Its flex-fuel vehicle (FFV) technology is based in the use of bioethanol and gasoline, trying to take out gasoline and use only vehicles E100, initiatives from the producers and from the government together with the engagement of research institutions are all linked to develop the best possible technological solutions, both industrial and agricultural, to increase yield, efficiency and sustainability in the sector.
- Lots of information in brackets
- Information not developed sufficiently

Pace

- Stalling caused by:

- Consistently very short sentences
- Each sentence doesn't add extra value

□ The north of Thailand faces a smoke problem caused by forest fires every year. The smoke haze problem in this region usually occurs during February until April. Forest fires emit many types of air pollutants such as particulate matter and toxic gases. These air pollutants affect the people's health especially irritating to respiratory systems.

Recap

- Paragraphs
 - - have one main idea per paragraph
 - are clearly structured with a topic sentence giving the direction of the paragraph and being developed by supporting points;
 - - flow smoothly from one idea to the next. They keep flowing forwards and often sentences end with an idea that is picked up in the next sentence.