

UTMMUN 2022
CRISIS: Formula One 2022



Historical Context

Brief Overview

Formula One is the pinnacle of motorsport, featuring some of the world's most talented racing drivers, fastest race cars, and exciting race tracks since its inaugural season in 1950. F1 is well known for the large amount of money teams use for technological advancements to make the fastest possible car under the International Automobile Federation (FIA) regulations. The goal of each and every team is to employ the best possible drivers with the best car and win the World Constructors' Championship, which is won by accumulating the most points between their two drivers. At the end of a season, prize money is allocated, as well as various historical and long-standing team bonuses, which goes towards research and development for the years to come.

Previous Season

The 2021 season featured a hotly contested battle at the top of the Drivers' Championship between Lewis Hamilton and Max Verstappen, the latter of which ended up victorious after a final race, final laps controversial decision that allowed lapped cars to pass during the safety car and allowing Verstappen one final lap on incredibly fresh tires to easily overtake Hamilton. Last year also saw the resurgence of Ferrari after the previous year's disappointing results as the engine power was not up to par. The midfield saw a great battle for points here and there as various names such as Esteban Ocon and Daniel Ricciardo won a grand prix.

Important Team Connections

Mercedes Engine (Mercedes - McLaren - Aston Martin - Williams)

Ferrari Engine (Ferrari - Alfa Romeo - Haas)

Honda Engine (Red Bull - Alpha Tauri)

Renault Engine (Alpine)

It is important to note that the relationships between these teams also goes as far as the driver academies between them for youth talent (Red Bull uniquely has control over calling up at any point one of Alpha Tauri's drivers even though they are considered a 'sister' team in name)

A New Season

As a new season falls upon us, the controversies follow. Pre-season testing has shown a large gap between the top three teams, Mercedes, Red Bull, and Ferrari, and the rest of the grid. While the fight at the top is incredibly close between these three, it seems as though it will be very difficult for any midfield teams to bring the fight to the top. While the 2022 season has seen the introduction of several significant changes to the sport's technical regulations, it seems as though not much has changed for the competitiveness of the sport. Many of the midfield and lower team principals have advocated for changes such as changing the points system, adjusting the prize money, as well as spending limitations/regulations.

The points system in Formula One is as follows: 1st (25 pts), 2nd (18 pts), 3rd (15 pts), 4th (12 pts), 5th (10 pts), 6th (8 pts), 7th (6 pts), 8th (4 pts), 9th (2 pts), 10th (1 pt), as well as 1 point for the driver with the fastest lap of the race if they finished in the top 10. As of right now, the points system works perfectly fine for the top half of the grid, however the rest of the grid that are barely fighting for points have no reason to be racing as hard due to there not being any difference of finishing 11th or dead last in 20th.

Currently, the prize money in Formula One is allocated in 5 different categories. First, every single one of the 10 teams receives an equal amount of base payment. Second, every team receives a merit payment based on the Constructors' Championships standings. Third, Mercedes, Ferrari, Red Bull, and McLaren receive classified payments from Formula One known as Constructors Championship Bonus (CCB). Fourth, Williams receive a 'heritage' payment for their historical contribution to F1. Finally, Ferrari has a special deal with Formula One called the 'Long-Standing Team Payment' that gives Ferrari more money than any other team consistently even if they don't win anything.

Many teams have also advocated for spending limitations or potential regulations so that Formula One will become more competitive. Teams at the top of the grid already have extremely developed facilities so the spending cap will not cause them too many issues, however a potential salary cap would make it more difficult to retain multiple great drivers. Many lower-end teams are fighting for a salary cap to ensure they are able to retain their drivers and do not lose them.

Team Information

Mercedes

The Mercedes F1 Team is undoubtedly the single most dominant Formula One team of the last decade. Their significant financial backing through the Mercedes powerhouse and the development of the strongest engine and chassis combination on the grid has led to 8 consecutive Constructors' Championship titles and their racers cumulatively receiving 7 consecutive Drivers' Championship titles. Moving forward in the new 2022 season, Mercedes are expected to be one of the frontrunners leading the charge ahead of the rest of the grid with the likes of Red Bull and Ferrari. With an excellent driver lineup in Lewis Hamilton and George Russell, Mercedes should be confident competing for the title.

Red Bull

Coming in 2nd place last season only to Mercedes in the Constructors' Championship, the Red Bull F1 Team has seen a great deal of success in the past decade, having won 4 straight Constructors' Championships. They looked extremely strong in the previous season putting the fight to Mercedes and having their driver Max Verstappen win the Drivers' Championship. Moving forward in the new 2022 season, Red Bull are expected to be one of the frontrunners leading the charge ahead of the rest of the grid with the likes of Mercedes and Ferrari. With an excellent driver lineup in Max Verstappen and Sergio Perez, Red Bull should be confident competing for the title.

Ferrari

While promising exceptional driver lineups in the past decade, Ferrari has failed to win any Drivers' or Constructors' Championships as of late. Ferrari has a vast history of success in their past, practically being the face of the sport in many years, and thus their third place finish last season has many of their fans disappointed and expecting a resurgence of power. Moving forward in the new 2022 season, Ferrari are expected to be one of the frontrunners leading the charge ahead of the rest of the grid with the likes of Red Bull and Mercedes. With an excellent driver lineup in Charles Leclerc and Carlos Sainz, Ferrari should be confident competing for the title.

McLaren

McLaren have been solidly improving over time, putting the fight to Ferrari last season and consistently performing well. With many podiums and even a race win last year, McLaren are certainly expected to make the jump from the midfield to the top flight of Formula One. Moving forward in the new 2022 season, McLaren are expected to be one of the mid-table teams hoping to fight for 4th place in the constructor standings, fighting with the likes of Alpine, Alpha Tauri, and Aston Martin. With a great driver lineup in Daniel Ricciardo and Lando Norris, McLaren should be confident to fight to finish in the top half of the standings.

Alpine

Alpine have an interesting predicament with their performances, featuring a surprise race win last year with their young talent Ocon but also sporting the oldest man in the sport and a former two-time Drivers' Championship winner Alonso. Their future is uncertain, but hopefully will continue to improve. Moving forward in the new 2022 season, Alpine are expected to be one of the mid-table teams hoping to fight for 4th place in the constructor standings, fighting with the likes of McLaren, Alpha Tauri, and Aston Martin. With a great driver lineup in Fernando Alonso and Esteban Ocon, Alpine should be confident to fight to finish in the top half of the standings.

Alpha Tauri

As the junior team and now currently 'sister' team to Red Bull, Alpha Tauri were never expected to make waves in Formula One. However, with strong driver talents, the team is certainly looking to make an impact in the Constructors' Championship standings. Moving forward in the new 2022 season, Alpha Tauri are expected to be one of the mid-table teams hoping to fight for 4th place in the constructor standings, fighting with the likes of Alpine, McLaren, and Aston Martin. With a great driver lineup in Pierre Gasly and Yuki Tsunoda, Alpha Tauri should be confident to fight to finish in the top half of the standings.

Aston Martin

Previously known as Racing Point, Aston Martin have proved to be exceptionally disappointing after having an immense amount of potential to become one of the top 3 teams in Formula One. With a four-time Drivers' Championship winner Vettel and the young Stroll,

Aston Martin could prove to be a force to be reckoned with if the management provides a technologically capable car. Moving forward in the new 2022 season, Aston Martin are expected to be one of the mid-table teams hoping to fight for 4th place in the constructor standings, fighting with the likes of Alpine, Alpha Tauri, and McLaren. With a great driver lineup in Sebastian Vettel and Lance Stroll, Aston Martin should be confident to fight to finish in the top half of the standings.

Williams

Williams have unfortunately lost their star driver George Russell to Mercedes, and are coming off a stronger season than the past 3 combined. Due to the misfortunes of other teams, Williams can take this time to work on advancing the car as well as regulation changes. Moving forward in the new 2022 season, Williams are expected to be one of the weaker teams in Formula One hoping to take the fight to the midfield in the constructor standings, fighting with the likes of Alfa Romeo and Haas. With a decent driver lineup in Nicholas Latifi and Alexander Albon, Williams should be desperately trying not to finish in last place of the standings.

Alfa Romeo

Alfa Romeo are expected to be the team most pushing for change in Formula One status quo, as one of the smaller teams in Formula One and indirectly the junior team to Ferrari. Their driver lineup is strange with the strong former Mercedes driver Bottas and the unproven Zhou. Moving forward in the new 2022 season, Alfa Romeo are expected to be one of the weaker teams in Formula One hoping to take the fight to the midfield in the constructor standings, fighting with the likes of Williams and Haas. With a decent driver lineup in Valtteri Bottas and Guanyu Zhou, Alfa Romeo should be desperately trying not to finish in last place of the standings.

Haas

Haas is undeniably the team with the most struggles in Formula One. A lack of financial backing meant the hiring of Mazepin whose father bought the team, a young talent in Shumacher, and the weakest car on the grid by far means any points would be a rarity. Haas is

expected to take most of their time to gain experience for their drivers and fight for regulation changes. Moving forward in the new 2022 season, Haas are expected to be one of the weaker teams in Formula One hoping to take the fight to the midfield in the constructor standings, fighting with the likes of Alfa Romeo and Williams. With a decent driver lineup in Mick Schumacher and Nikita Mazepin, Haas should be desperately trying not to finish in last place of the standings.

Character Descriptions

Toto Wolff - Mercedes-AMG Petronas F1 Team

Toto Wolff is an Austrian motorsport executive, investor, and former racing driver. He is widely admired in and outside of motorsports as a superb and innovative manager, for his achievements with Mercedes. Wolff is easily one of the best team principals on the grid, and is especially strong at making decisions under pressure and picking the best possible strategy. Wolff has a very intense rivalry with Christian Horner as their two teams were battling extremely close up until the last race of the previous season. The Mercedes Driver Academy consists of Nick De Vries and Frederik Vesti, who are unlikely to be called up at any point due to the sheer strength of the current driver lineup.

Christian Horner - Red Bull Racing

Christian Horner is a British motorsport executive, team manager, and former racing driver. He is widely admired in and outside of motorsports as a superb and innovative manager, for his achievements with Red Bull. Horner is easily one of the best team principals on the grid, and is especially strong at making decisions under pressure and picking the best possible strategy. Horner has a very intense rivalry with Toto Wolff as their two teams were battling extremely close up until the last race of the previous season. The Red Bull Driver Academy consists of Alpha Tauri's drivers Pierre Gasly and Yuki Tsunoda, as well as Jehan Deruvala, Liam Lawson, and Juri Vips, of which could potentially be called up in case one of the current drivers are struggling.

Mattia Binotto - Scuderia Ferrari

Mattia Binotto is a Swiss-born Italian engineer and former head of the engine department and chief technical officer of Ferrari. He is well known for being one of the most technically savvy team principals on the grid, with an extensive knowledge of the mechanics of the cars themselves. Binotto is especially keen on beating Toto Wolff in the Constructors' Championship standings as Mercedes has eluded Ferrari ever since he took the job. Binotto is a great team principal, and is especially strong at making the right technical adjustments for power-suited race tracks. The Ferrari Driver Academy consists of Antonio Giovinazzi, Robert Shwartzman, and Marcus Armstrong, who are unlikely to be called up at any point due to the sheer strength of the current driver lineup.

Andreas Seidl - McLaren F1 Team

Andreas Seidl is a German motorsport engineer and manager, and former team principal of the Hybrid Porsche LMP1 program. He is known for being an especially technically savvy team principal, with an extensive knowledge of the mechanics of the cars themselves. Seidl is especially keen on breaking into the top 3 and will do anything in his power to achieve said feat. Seidl is a great team principal, and is especially strong at making the right technical adjustments for downforce-suited race tracks. The McLaren Driver Academy consists of only Stoffel Vandoorne, who is unlikely to be called up at any point due to the sheer strength of the current driver lineup.

Marcin Budkowski - Alpine F1 Team

Marcin Budkowski is a Polish engineer previously working for Ferrari, McLaren, and now Alpine in Formula One. He is known for being an especially technically savvy team principal, with an extensive knowledge of the mechanics of the cars themselves. Budkowski is especially keen on breaking into the top 3 and will do anything in his power to achieve said feat. Budkowski is a great team principal, and is especially strong at making the right technical adjustments for balance-suited race tracks. The Alpine Driver Academy consists of Christian Lundgaard and Oscar Piastri, of which could potentially be called up in case one of the current drivers are struggling.

Franz Tost - Scuderia Alpha Tauri

Franz Tost is an Austrian former racing driver and manager of both teams and drivers. He is known for being an especially personable team principal, with an extensive knowledge of the personalities and skills of potential drivers. Tost is especially keen on breaking the 'junior team' mentality of Alpha Tauri and will do anything in his power to achieve a top 5 finish in the standings. Tost is a great team principal, and is especially strong at making the right decisions when it comes to selecting drivers to drop or hire for his team. The Red Bull Driver Academy from which Alpha Tauri can hire drivers consists of Jehan Daruvala, Liam Lawson, and Juri Vips, of which could potentially be called up in case one of the current drivers are struggling.

Mike Krack - Aston Martin Cognizant F1 Team

Mike Krack is a Luxembourgish automotive engineer who has worked at BMW Sauber and Porsche as head of track engineering. He is well known for being a very technically savvy team principal, with an extensive knowledge of the mechanics of the cars themselves. Krack is especially keen on beating Andreas Seidl in the Constructors' Championship standings as McLaren has eluded Aston Martin for a long time. Krack is a great team principal, and is especially strong at making the right technical adjustments for the entire chassis of the car itself, allowing for more flexibility throughout a season to switch between power and downforce modes. The Aston Martin Driver Academy consists of only Nico Hulkenburg, who could potentially be called up in case one of the current drivers are struggling. Lance Stroll is not able to be dropped without serious consequences.

Jost Capito - Williams Racing

Jost Capito is a German motorsport manager previously working with BMW, Sauber, and Ford working in the high-performance engine development sector. He is well known for being one of the most technically savvy team principals on the grid, with an extensive knowledge of the mechanics of the cars themselves. Capito is especially keen on having Williams finish in the top 5 of the grid, certainly not an easy feat to accomplish. Capito is a great team principal, and is especially strong at making the right technical adjustments for power-suited race tracks. The Williams Driver Academy consists of Jack Aitken and Dan Ticktum, of which could potentially be called up in case one of the current drivers are struggling.

Frederic Vasseur - Alfa Romeo F1 Team Orlen

Frederic Vasseur is a French motorsport engineer and manager with a long career managing Formula-series teams. He is known for being an especially personable team principal, with an extensive knowledge of the personalities and skills of potential drivers, as well as being able to foster talent extremely well. Vasseur is especially keen on breaking the 'junior team' mentality of Alpha Romeo and will do anything in his power to achieve a top 5 finish in the standings. Vasseur is a great team principal, and is especially strong at making the right decisions when it comes to selecting drivers to drop or hire for his team, as well as focusing resources on a driver to achieve their full potential. The Alfa Romeo Driver Academy consists of Robert Kubica and Callum Illot, of which could potentially be called up in case one of the current drivers are struggling.

Guenther Steiner - Uralkali Haas F1 Team

Guenther Steiner is an Italian-American motorsport engineer and manager with a long career managing Formula-series teams. He is known for being an especially hot-headed team principal, making split-second decisions that end in drama for the team as a whole. Steiner's job is definitely on the line if Haas finish last for another season in a row, meaning he definitely needs his drivers to score points. Steiner is a great team principal, and is especially strong at making the right decisions when it comes to unique, high-risk team strategy in the hopes of scoring points. The Haas Driver Academy consists of only Pietro Fittipaldi, who could potentially be called up in case one of the current drivers are struggling. Nikita Mazepin is not able to be dropped without serious consequences.

Mohammed bin Sulayem - President of the FIA

Mohammed bin Sulayem is an Emirati former rally driver, one of the most successful Arab drivers in motorsport history, pioneering teaching, research and knowledge transfer initiatives in motorsport. His role will be to make the FIA global sporting authority's voice heard in committee, ensuring that no new regulations will be passed that directly contradict the FIA's values. He is keen on ensuring a set of safe and fair regulations to be altered while also keeping in mind the various confidential deals made between certain F1 teams that should not be brought to light.

Race Calendar

Not all Formula One race tracks are built the same. Some have shorter, winding roads, and others have especially long DRS zones and straights. Similarly, not all Formula One cars are built the same, as some cars will be suited for particular tracks over others, depending on the power and the downforce. At the end of the first session, each team principal will have decided whether or not they want their cars to be optimized for power, downforce, or a balanced setup. The races of our committee will be divided into subsections of which the results will be announced at the end of each session.

Session #1

- Bahrain (Power)
- Saudi Arabia (Power)
- Australia (Downforce)
- Italy (Power)

Session #2

- United States (Downforce)
- Spain (Downforce)
- Monaco (Downforce)
- Azerbaijan (Power)

Session #3

- Canada (Power)
- Great Britain (Downforce)
- Austria (Balanced)
- France (Balanced)

Session #4

- Hungary (Downforce)
- Belgium (Power)
- Netherlands (Power)
- Italy (Power)

Session #5

- Russia (Downforce)
- Singapore (Downforce)
- Japan (Balanced)
- United States (Balanced)

Session #6

- Mexico (Downforce)
- Brazil (Downforce)
- Abu Dhabi (Balanced)

Resources

Below are links that will provide a good amount of information pertaining to the crisis at hand:

<https://flchronicle.com/what-is-formula-1/>

https://en.wikipedia.org/wiki/2021_Formula_One_World_Championship

https://en.wikipedia.org/wiki/2022_Formula_One_World_Championship

https://drivetribe.com/p/fl-prize-money-explained-Fc2zSu9GQH2Q8KQnmVSbhQ?iid=MLWgqGeYQI-Xz_GTEiPkXw

<https://www.autosport.com/fl/news/fl-young-driver-programmes-drivers-teams/6475394/>