



Bicycle Design Since the Early 2000s -Torgny Fjeldskaar-



Reed Beidleman

Bicycle Design Prior to the 2000's



<https://imgur.com/xEs6TVx>

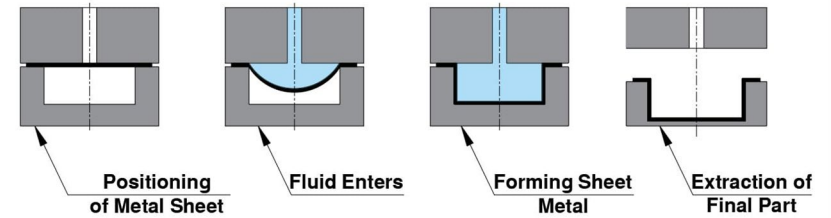


<https://nomadcycle.com/gallery/>

- Bikes all took a similar form
 - Welded round tubes with minimal graphic detail
- Material constraints drove most of the bicycle designs
- At the turn of the 21st century, carbon fibre and other composite materials were introduced

Composite Frames

- A shift in materials allowed bikes to take virtually any shape desired
 - Increase in industrial engineers
- Hydroforming became a common practice
 - Lead to a decrease in manufacturing complexity
- Bike design became more centered around aerodynamics and aesthetics
 - Frames were stiff enough with these new materials so designers could shift focus



IQSdirectory.com



Torgny Fjeldskaar

- Most influential bike designer of the past two decades
- BS is mechanical engineering, MS in transport vehicle design
- Worked for Cannondale beginning 2003
 - After just one year he was promoted to director of Industrial Design
- Worked as an exterior designer for BMW
- Built and directed his own design team for BMC



“At BMC we had a strong focus on cleaning up the aesthetics while still providing great performance...The fact that so many brands have followed suit shows that it’s something many end customers really do appreciate.”

Fjeldskaar's Designs - 2 years apart

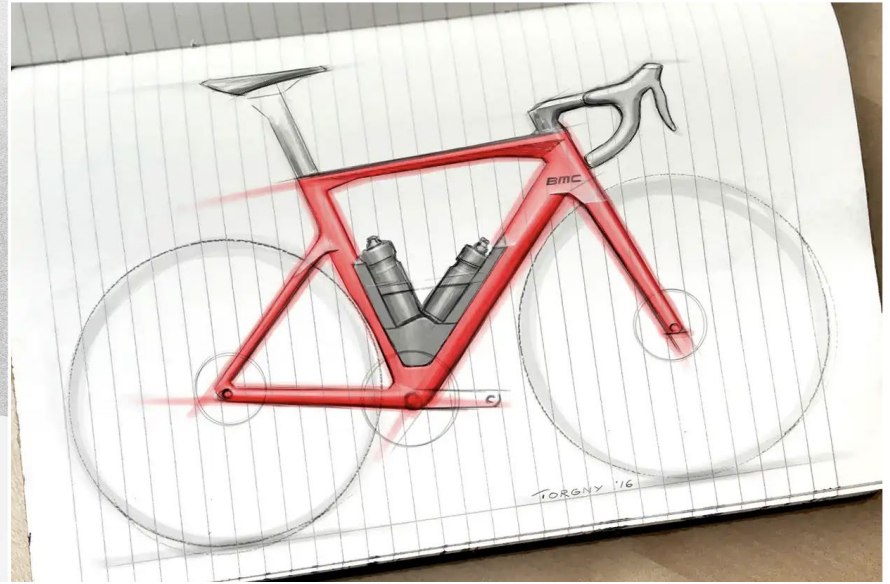
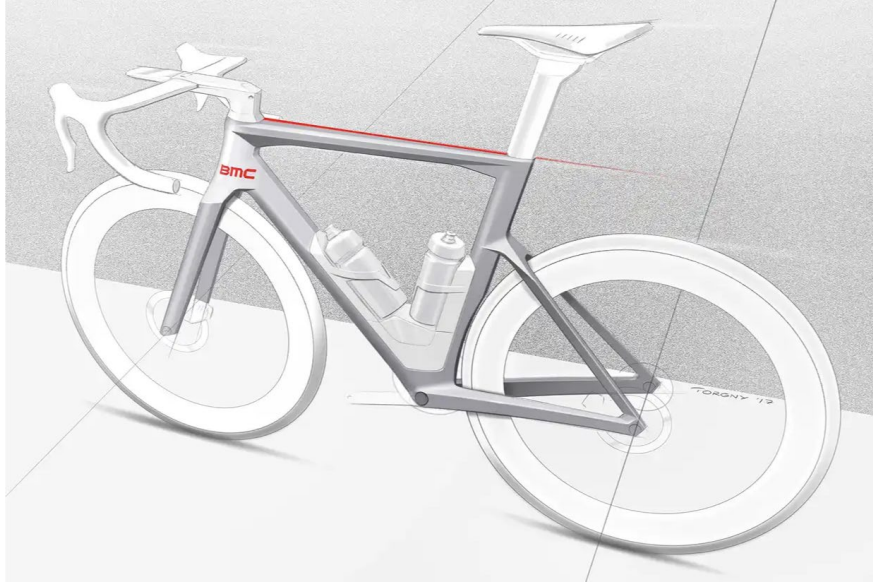
■ System 6

■ Six 13

6



Trend Setting

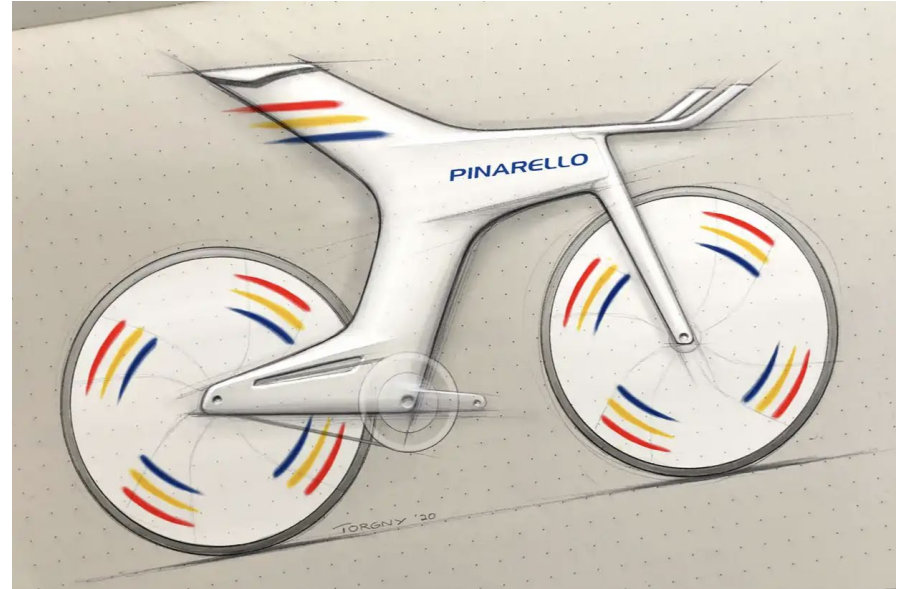


BMC (Fjeldskaar) made this flat bar gravel bike very popular. Today every new gravel bike is designed very similar to this.

More Recent Designs



[5]



References

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