



# Fluorinated Wax from the Perspective of U14 Skiers

We are grateful for the recent recommendations you have made to limit the use of fluorinated waxes. We are here today to ask you to consider the ban of fluorinated glide waxes for U18 and under

# Fluorinated Waxes

Dangers of fluorinated waxes

- once they are in the environment they will remain in the atmosphere for a very long time.

The two main reasons on why we have to ban fluorinated waxes

1. effects they have on the environment
2. effects they have on the waxers health.

Using non-fluorinated ski wax is the best way to help the environment, our families, our communities and to actively support sustainable cross country ski practices.

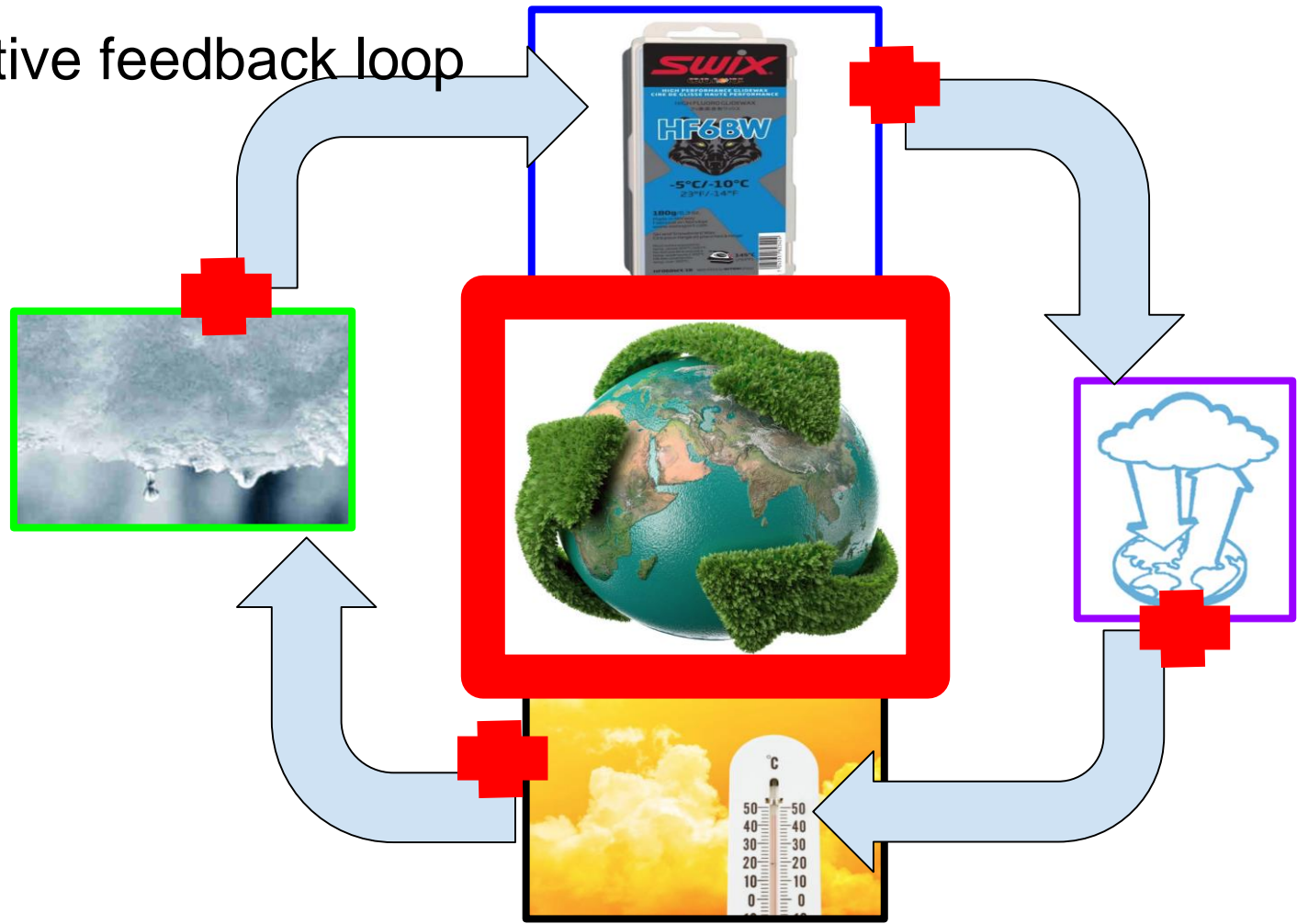


# Environment

- Cross Country skiing is dependant on the environment.
- Fluorinated waxes can harm the environment.
  - made up of fluorinated hydrocarbons (FOC's).
  - FOC's are broken down into smaller particles by bacteria, UV light and heat.
  - High levels of these smaller particles are found in animals and the ecosystem
  - FOC's travel through water systems
- Fluorinated Waxes affect the skiing environment in a negative feedback loop
  - We need fluorinated waxes in warmer temperatures
  - The fluorinated waxes will contribute to greenhouse gases
  - Greenhouse gases warm up the earth
  - And then we need more fluorinated waxes because it's warm out.



Negative feedback loop



# Effects on Health

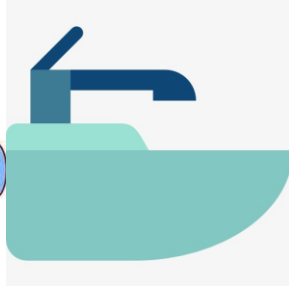
- The presence of perfluorinated compounds (PFCs) in source waters and drinking water is of growing concern to water professionals.
- PFCs have major health risks, include cardiovascular disease, liver damage, hormone disruption and cancer.
- Do we want our parents having PFCs build up in their bodies only for the purpose of waxing our skis and making them as fast as possible?



# Where do the waxes go?



After our waxes melt off of our skis they go into streams, and get filtered into our houses, and then we use that water to drink, cook, and bathe in. Do you really want contaminated water in your home?



# Performance vs Technique

We have one question for you:

If our bodies are banned from using steroids, why can our skis use fluorinated waxes?





# Thank You



William Fairhead and Jasmine Bessens

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