

# **Wind tunnel accidents**

**Turpaboogiet 2023**

**Mauri Väistö**

# ISC safety committee

- First time
- No idea of how it will go or what kind of statistics we will get



# What's going on and why?

- Indoor skydiving is action sport
- Accidents happen
- Lots of rumours
- Maybe we can make it more safe?
- At least we should talk about accidents



# Wind tunnels

- Private owned companies
- Corporations
- Country regulations
- No interest of sharing
- Understandable



# Safety training

- IBA
- Tunnelinstructor.org
- Ifly
- Aerodium
- Own training systems



# Accident data

- Most of tunnels collect data from accidents
- Data base is not comparable
- Different operating systems
- Different rules in different countries
- What is classified as an accident



**Total Tunnel Count  
by End of 2022**

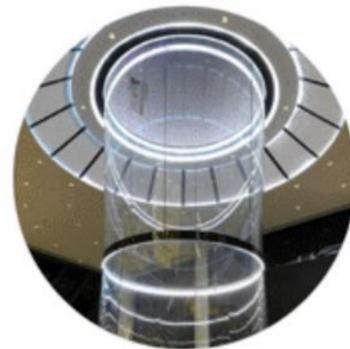
**217**

**Total Tunnels Under  
Construction**

**20**

**Total Projects Under  
Development**

**38**



**144 wind tunnels  
for pro flyers**

**30 tunnels contacted**

**16 tunnels answered**

**10 have send data**

**1 does not collect data**

**2 no proflyer accidents**

Data compiled and presented by indoorskydivingsource.com (ISS). ISS is an independent media outlet and is not associated with any of the other companies mentioned on this report. Data is subject to updates.



- 1,5 accident per month average
- 1 accident in every 2 months for pro flyers
- 1 accident in every 1,5 months for 1st timer
- 1st timers 98% shoulder dislocations

- 2022 1 fatality
- 2023 1 fatality
- 2 paralyzed
- 1 months in ICU
- Earlier years 1 broken neck, 1 broken spine (multiple fractures), 1 head injury - over one year out of sports

**Thank you!**