Eventing Risk Management Seminar

Lausanne
27/28 January 2018

Human Factors in Eventing

Teun Platenkamp
NSO the Netherlands

“How Human Factors impact Safety”

Everyone in Eventing (except the horse) is indeed “only human”. So we are all fallible (make errors or fail).

Three actions contribute to accidents:

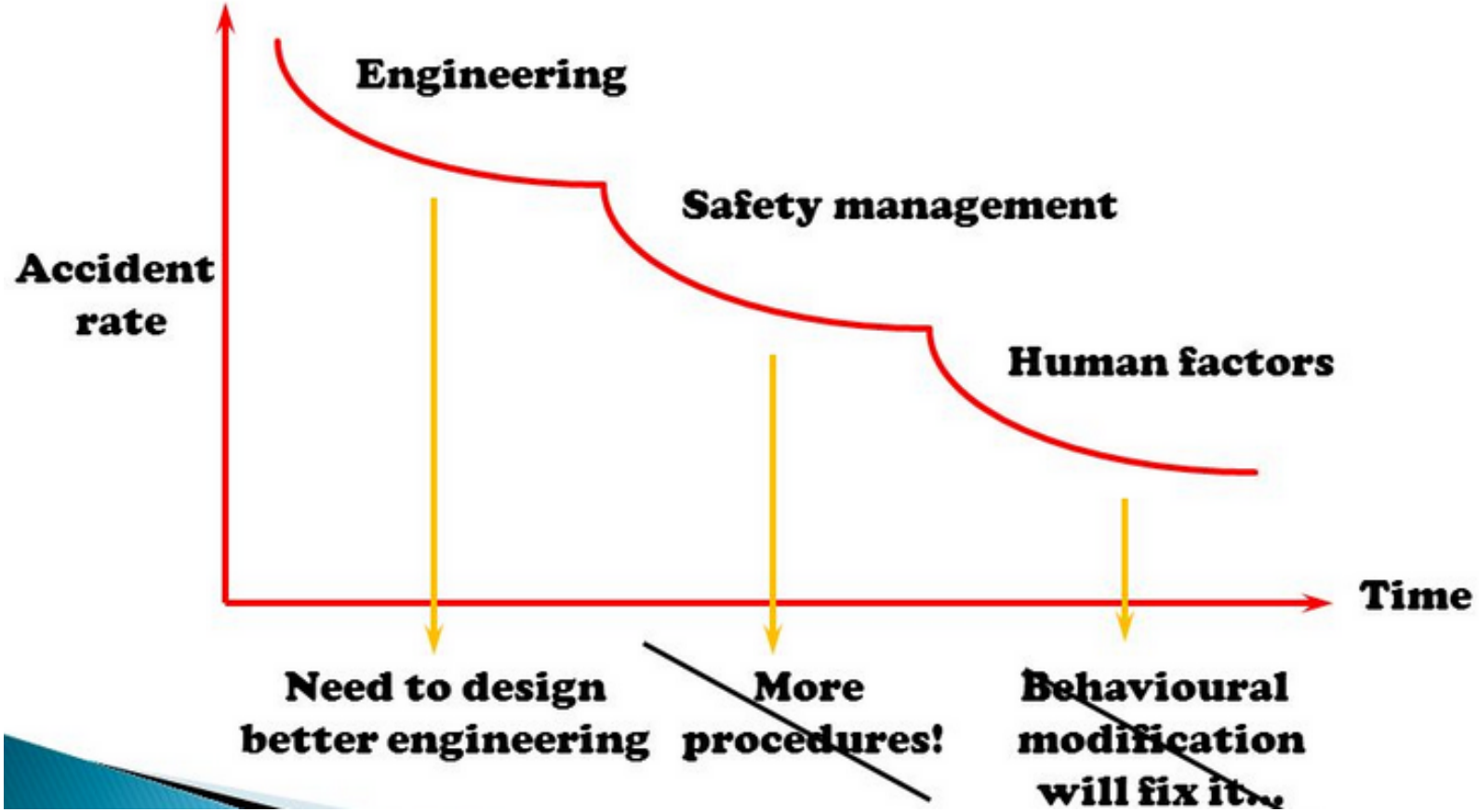
1. **Errors and unintentional mistakes**
2. **Poor judgement and bad decision making**
3. **Disregard for procedures**

Risk Factors

Human Factor	86%
Weather	6%
Technique	4%
Other	4%

Do we pay enough attention to Human Factors ?

Human Factors in Safety Management and Risk Governance



Shel Model

Software:

- **Procedures, rules, checklist**

Hardware:

- **Fences, (safety) Equipment**

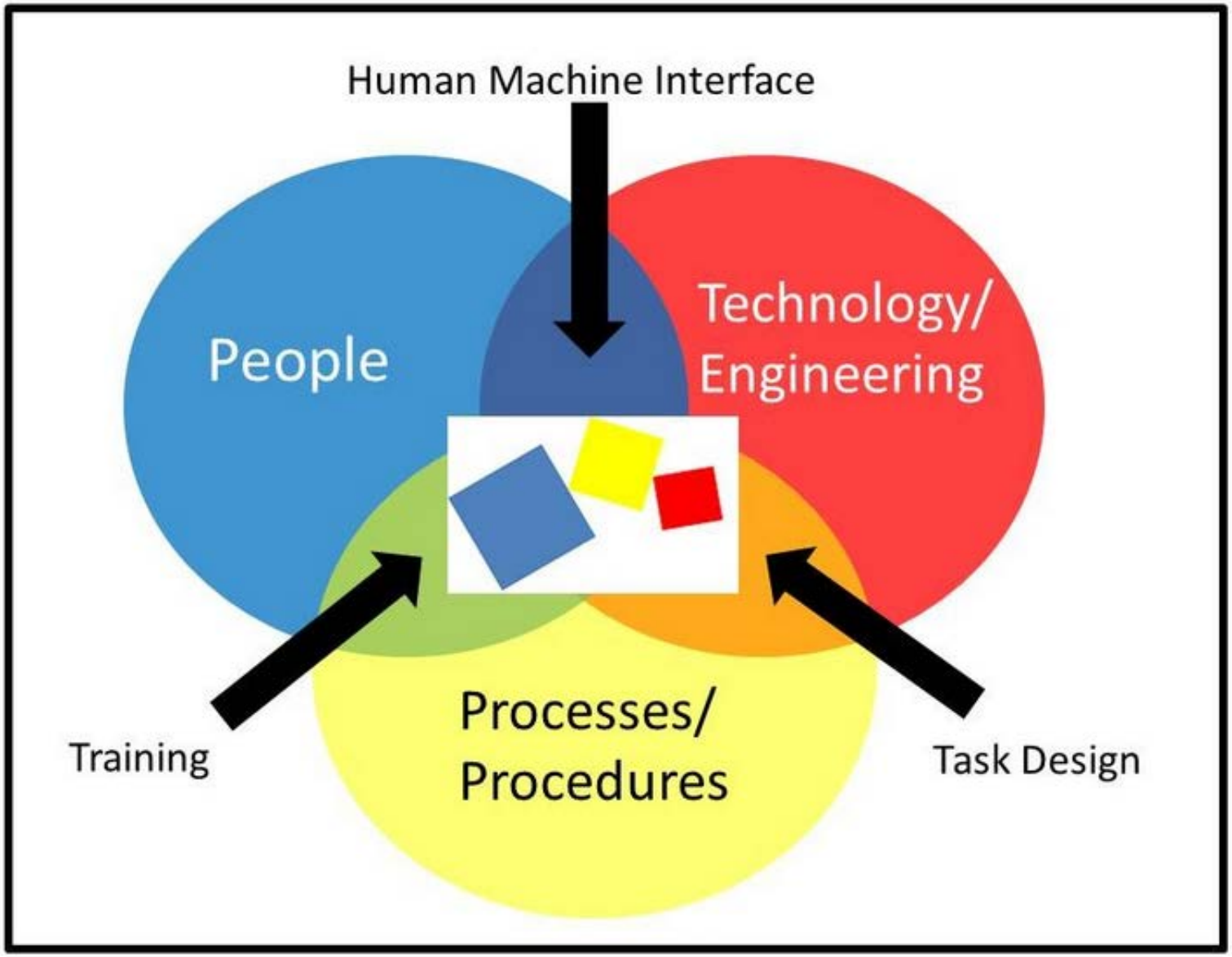
Environment:

- **Team, Weather, Going, Public Perception**

Liveware:

- **Horse, Rider, Officials, Trainer**

Optimizing the relationship between these elements improves Human Factor.


Human Machine Interface
People
Technology/
Engineering
Training
Processes/
Procedures
Task Design

It is not only a matter of Qualification for a competitor but also:

FIT TO COMPETE

Factors that can influence people and their behaviour.

- Avoid alcohol and drugs
  "they are major killers"
- Illness can impair judgement and thinking.
- Injuries can be distracting.

Thank you!