



View to the future: „Vision Zero in Transportation“

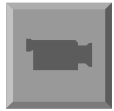


issa Transportation is a Global Business





ISSA What does „Vision Zero“ mean in Transportation?



A prevention strategy that has the vision of a world of transportation and logistics as an aim where no one is killed, becoming seriously ill or seriously injured in a traffic accident or at work!





issa If you don't believe in Vision Zero yet...



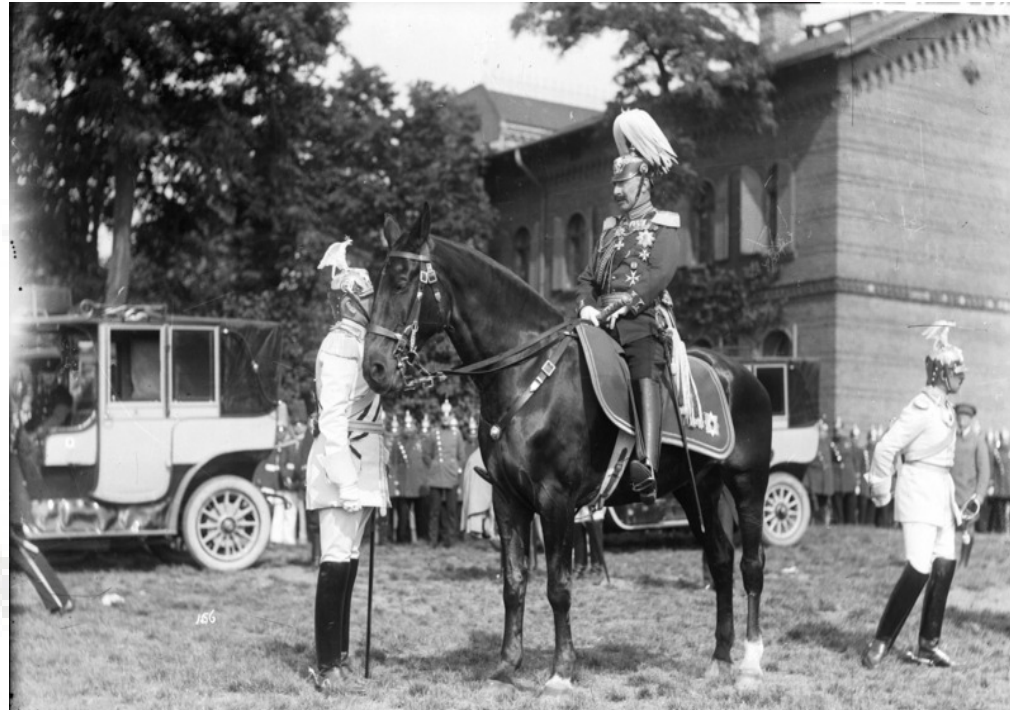


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Also others have been mistaken....



*„The automobile is just a temporary appearance.“
„I believe in the horse.“* Wilhelm II regarding road transport by motorcars





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It is already not only a vision...



„Self-driving collision-free cars are only a gadget and will never be accepted.“ "I believe in free individual traffic.“

unknown safety supervisor 2012 (not ISSA Transportation)

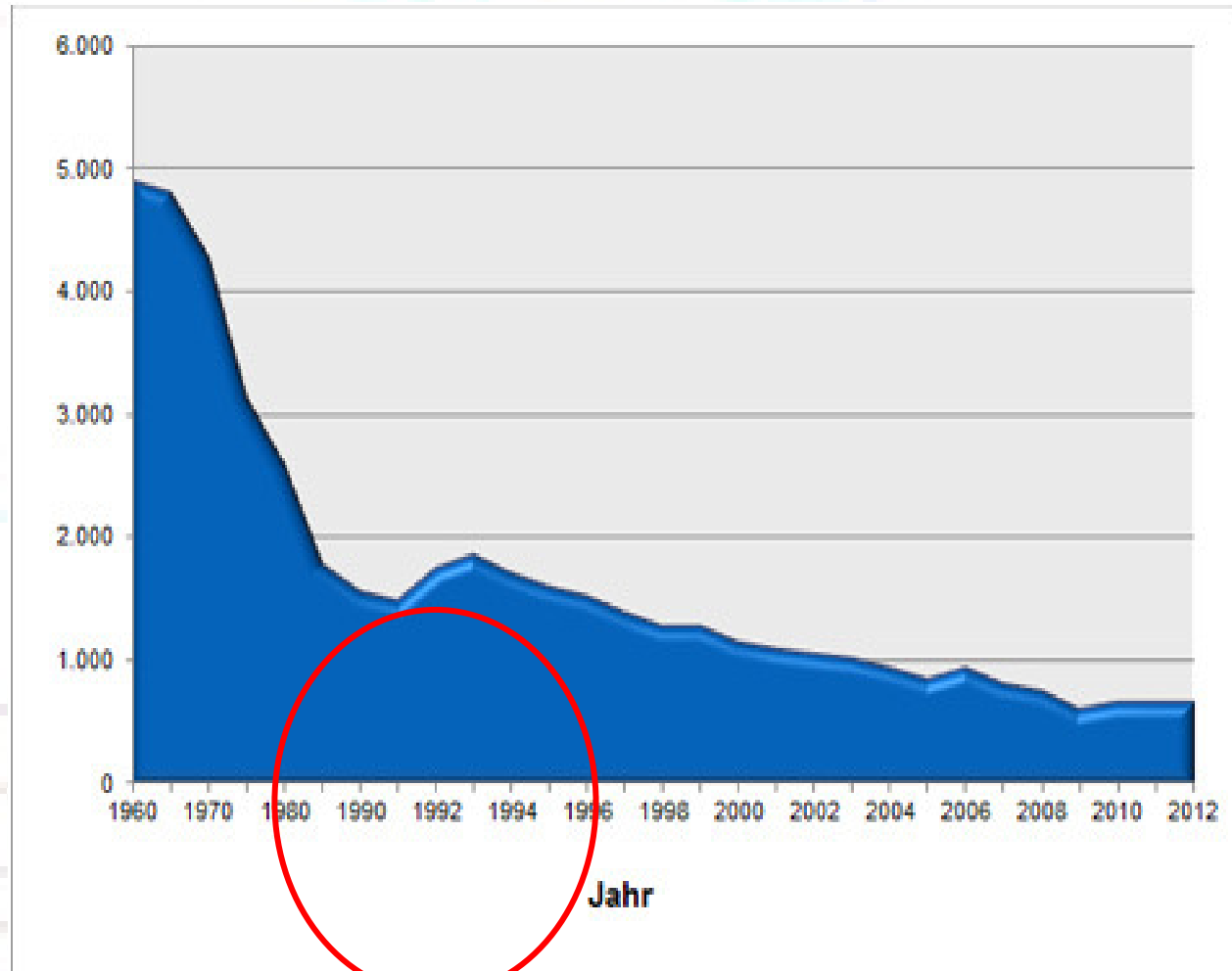


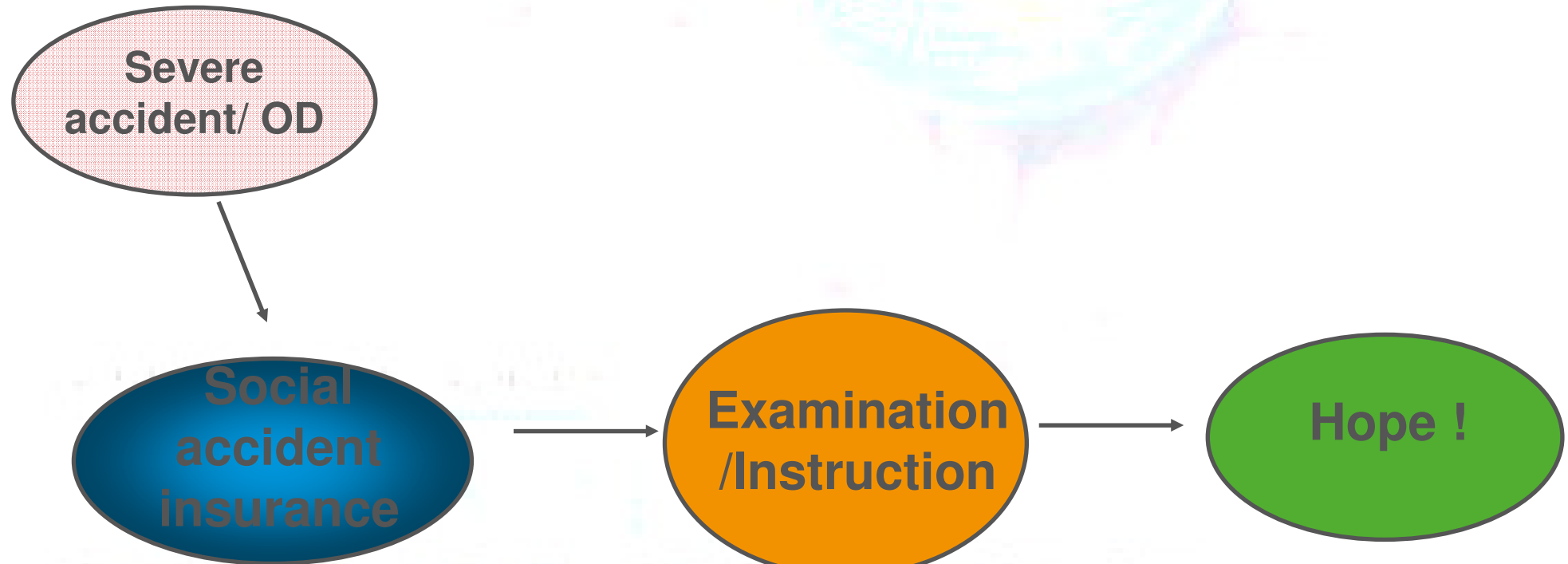


issa Vision Zero is not far away..



Occupational accidents in Germany with 42 million employees





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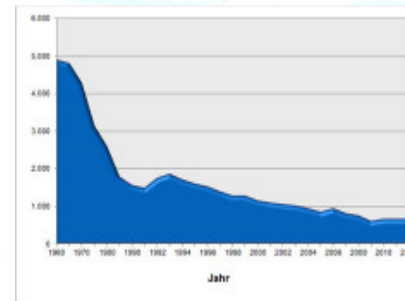




The previous (current!) prevention work of social security institutions lead to a (slow) reduction of the number of severe accidents and ODs and has reached a steady state. To achieve further success one has to look more specifically at causes of accidents and occupational diseases .

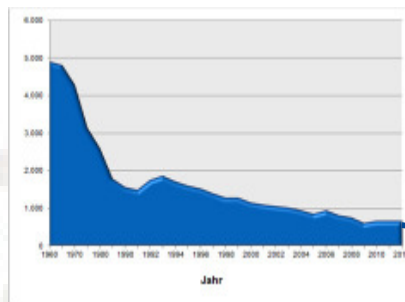


Classic prevention: The way is the aim!



Vision Zero:

Only who knows the aim, finds the way!!



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Vision Zero for road transport and workplaces

- 1.** Roads and work places have to be designed in such a way that they are forgiving mistakes.
- 2.** Vehicles have to be actively and passively save.
- 3.** For both points apply, a small mistake may not have drastic consequences!
- 4.** A human has to behave in such a way that he/she makes as few errors as possible.





Conference Center Dresden

Bus stop

**Well intended prevention
thought of urban
administration**

Me

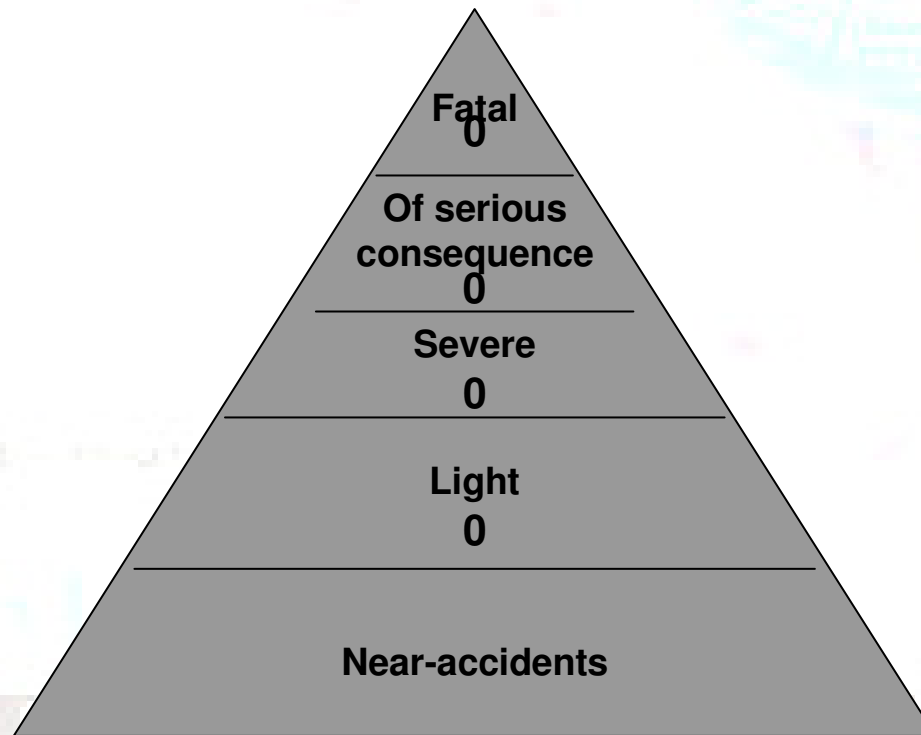


issa The Challenge: Human Behaviour



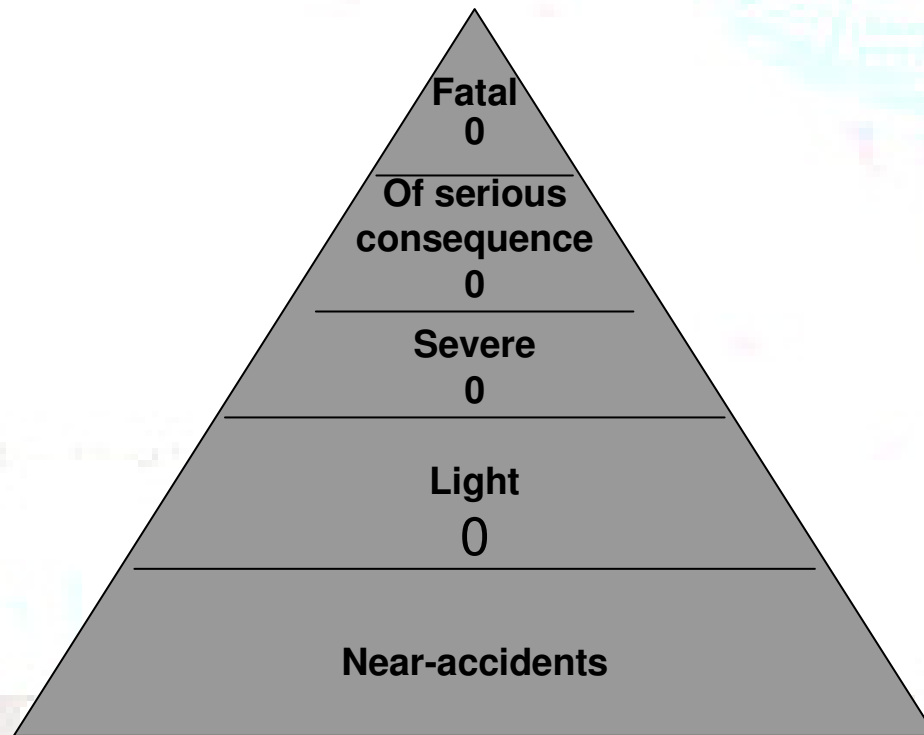


- High rate of serious accidents [1.2 mio fatalities p.a. worldwide (WHO)]
- Non stationary workplaces are often the reason for difficult access to prevention measures (SMEs!)
- Often poor technical equipment or machinery
- New upcoming risks for ex. piracy, UV radiation, multi ethnic problems on board of ships
- Serious Problems with handling and storage of Dangerous Goods
- Stress & Fatigue in Transportation and Logistics as well as ergonomic and psychosocial risks increase the accident rate and the complexity of prevention



Possible strategy
sequence of
Vision Zero

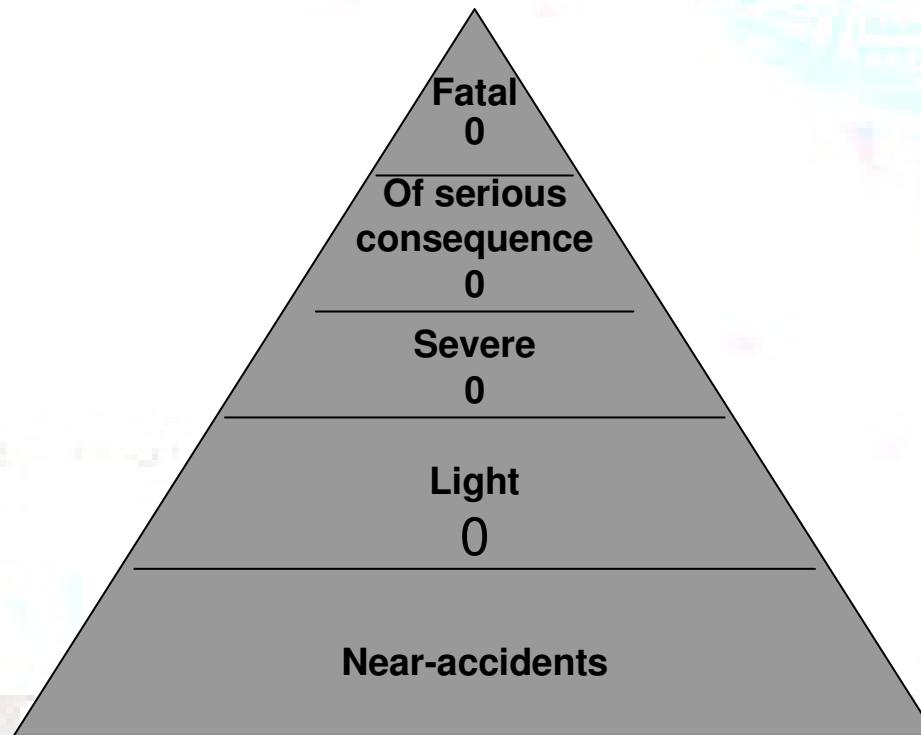




Principal strategy
sequence of
Vision Zero

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Principal strategy
sequence of
Vision Zero

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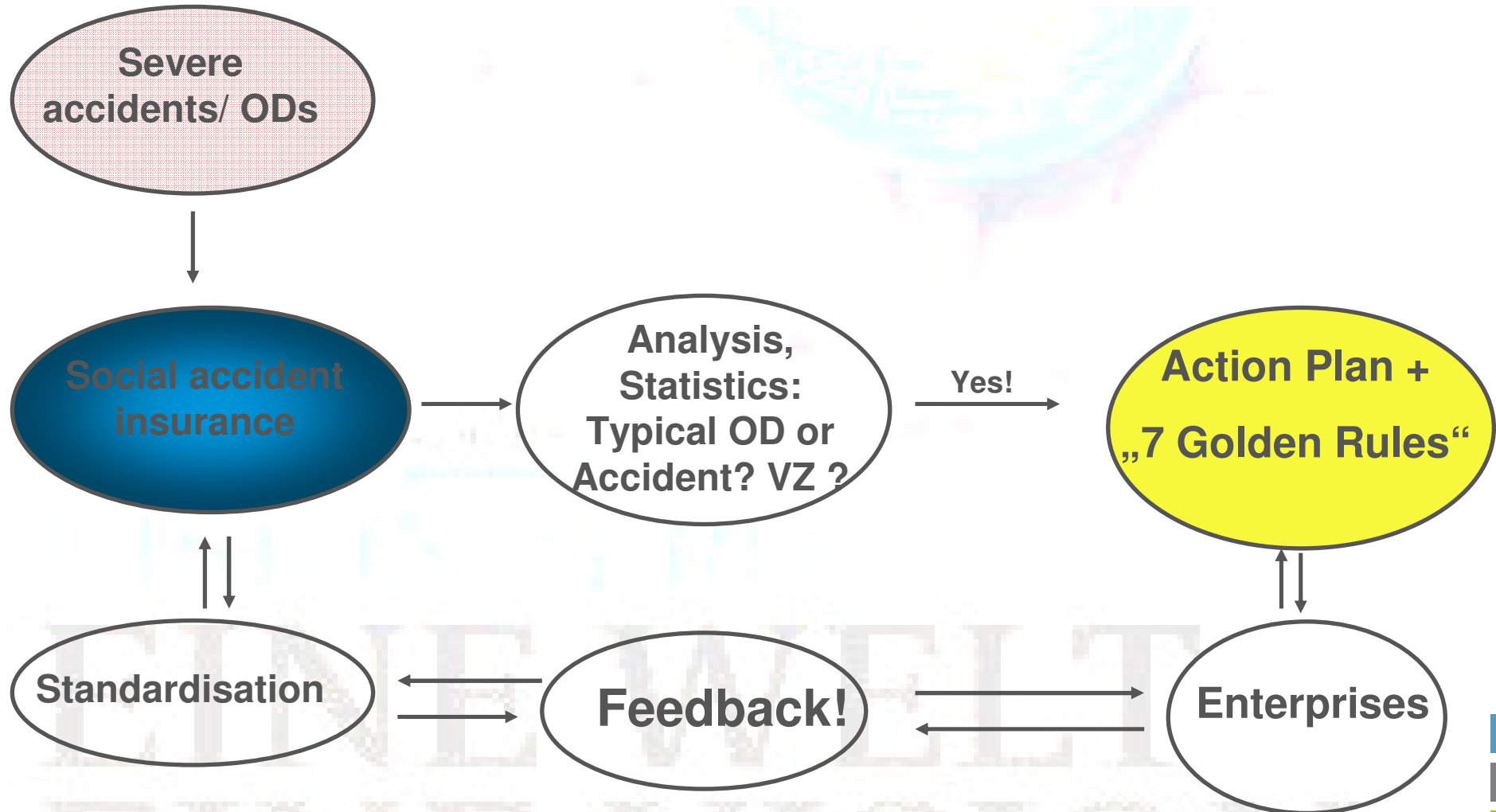




Strategy approach

- 1. Targeted elaboration of the most important accident causes in transportation and logistics**
- 2. Establish a priority list of measures based on 1.**
- 3. Establish secure conditions, so that a human has to behave in such a way that he makes as few errors as possible.**







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ISSA Vision Zero: Priorities in Transportation Businesses



- Providing visible strategies for enterprises: e.g. adapting seven golden rules of ISSA prevention to transportation!
- Minimizing the very high rate of fatalities (*by speed, fatigue, stress, weather*) of road transport (plus load unload accidents; handling of dangerous goods)! (Golden Rules No. 3, 4 & 5)
- Analyzing dangerous behaviour and change behavior of employees: put the question in the center “Why is (s)he doing it? (Golden Rules No. 6 & 7)
- Not only identify “classic” accident causes but also sources for stress & fatigue in risk evaluations (Golden Rules No. 2 & 6, 7)
- Shaping a general „culture of prevention“ (Rules 1 – 7)



ISSA Some possible Tools for VZ in Transportation



- Supporting all types of driver assistance systems!!
- Improve systems for securing of cargo
- Better protected parking space (*noise, fatigue!! attacks*)
- “Doc Stop” (*system to get medical aid and advice*)
- Technical assistance systems for manual handling of heavy goods





issa Securing of Cargo is important



**Loading Safety – Challenges
for Everyday Operations,
A + A
Thursday, 29. October, 15:15
– 16:30, Pavillon15**





- **Bringing together global Enterprises and Social Security Institutions for creating global OSH Standards**
- **OSH must become more „attractive“ ; find new communication channels**
Rules & regulations available for ex. by an app; use of social networks
- **„Become more international“**
Adapt solutions from other countries and reflecting them back
Linking with international or national organizations; share best practices,
Involve ISSA Prevention
- **Anticipate developments („Risk Observatory“ of Social Security Institutions)**



DEUT. JAHRBUCH PREVENTION 2014/2015

VISION ZERO

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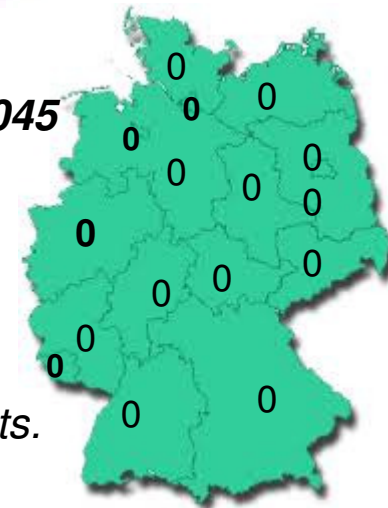


33. Weltkongress für
Sicherheit und Gesundheit
bei der Arbeit 2014



Work in Transportation Business without fatal and severe accident does not exist and will never be realized...! Possible opinion in 2015

Berlin, Oct., 29th 2045



Order of the
GUSAITL*
direction in the
year 2045...

*Dear Sirs and Madams!
Due to the fact that the last fatal work accident on
the field of activity of the GUSAITL and
other parental organisations had happened
two years ago, the General assembly has decided to
dissolve the accident departments as independent units.
The remaining employees are transferred to the
Prevention Division!*

The management

***German United Social
Accident Insurance for
Transportation & Logistics
(GUSAITL)**



issa Vision Zero: Together we'll make it!





■ Thank you very much for your attention!

Questions??





.... – in the industry sectors -

- **Practicable aims for small and medium sized enterprises (SME)**
- **Do not overexert enterprises but convince them that prevention is worthwhile: costs sickness absence**
- **Simple but effective and bold possibilities for risk assessment**

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