



Human Factor – Konsep Penyebab dan Pengendalian

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**FAKTOR MANUSIA DALAM K3
PERTEMUAN 3
PUTRI HANDAYANI, SKM, MKKK
PRODI KESMAS / FIKES**

TUJUAN/CAPAIAN PEMBELAJARAN

Menguraikan identifikasi bahaya, analisis penyebab, dan rencana upaya pengendalian yang berkaitan dengan human error di tempat kerja dengan benar

OVERVIEW



What?

How?

Why?

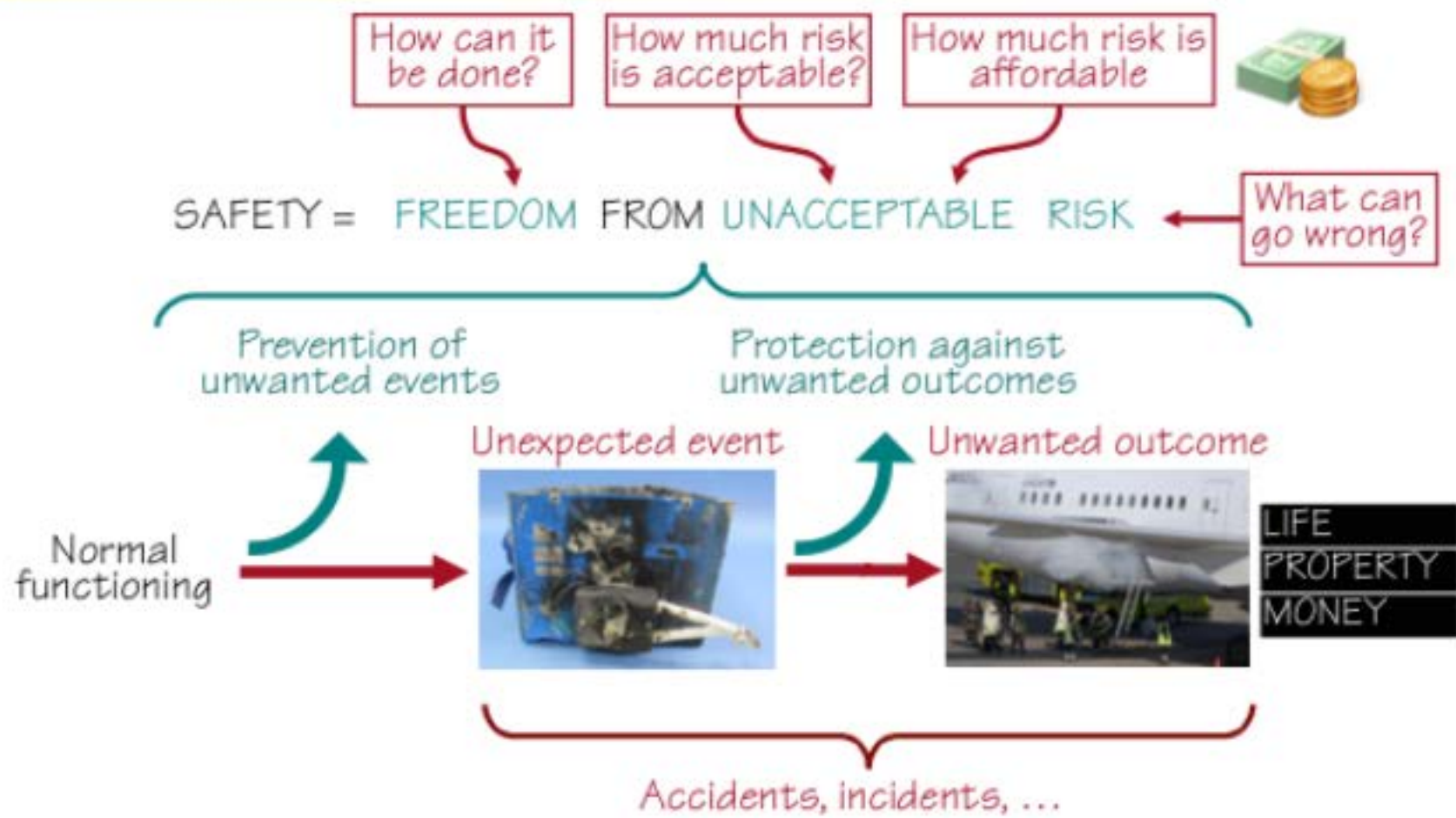
SAFETY

WHO?

When?

Where?

The meaning of safety



HUMAN FACTORS

SAFETY

PERFORMANCE

HUMAN FACTORS



SAFETY

Risk
Mgmt

Other
Disciplines



PERFORMANCE

Engineering

Admin
Control

SAFETY

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graph TD; A[SAFETY] --> B[HUMAN FACTORS]; A --> C[BEHAVIOR]
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**HUMAN
FACTORS**

BEHAVIOR

SAFETY



BEHAVIOR

- **Individual Context**
- **Individual Performance**
- **Behavior is main factors to be threatened to enhance performance.**
- **Scope Study: Personality, Traits, Motivation, Psychosocial Hazard, Unsafe Act**

SAFETY

HUMAN FACTORS

- **Job Factors**
- **Organizational Factors**
- **Environmental Factors**
- **Human Part of System**
- **Focus Study: Human Performance, Human Failure, Human Capabilities, Human Limitations, Human Error, System Management**

REFERENSI

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- David Shinar. Traffic safety and Human Behavior. 2007. Elsevier
- Samuel G. Charlton, Thomas G. O'Brien. Handbook of Human Factors Testing and Evaluation
- George A. Peters, Barbara J. Peters. Human Error Causes and Control. 2006. Taylor & Francis Group
- Mufti Wirawan, Ridwan Z. Sjaaf. Human Factor & Safety. 2015. University Of Indonesia OHS Department



Tugas

Buatlah Contoh kejadian kecelakaan kerja yang berkaitan dengan manusia

Tentukan pengendalian yang dapat dilakukan berdasarkan kesalahan tersebut