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**Incident dan Accident Analysis**

**FAKTOR MANUSIA DALAM K3  
PERTEMUAN 12  
PUTRI HANDAYANI, SKM, MKKK  
PRODI KESMAS / FIKES**

# TUJUAN/CAPAIAN PEMBELAJARAN

Mahasiswa mampu menjelaskan tentang konsep incidents and accidents analysis

# DEFINISI INCIDENT

Suatu kejadian yang tidak diinginkan, bilamana pada saat itu sedikit saja ada perubahan maka dapat mengakibatkan terjadinya accident.

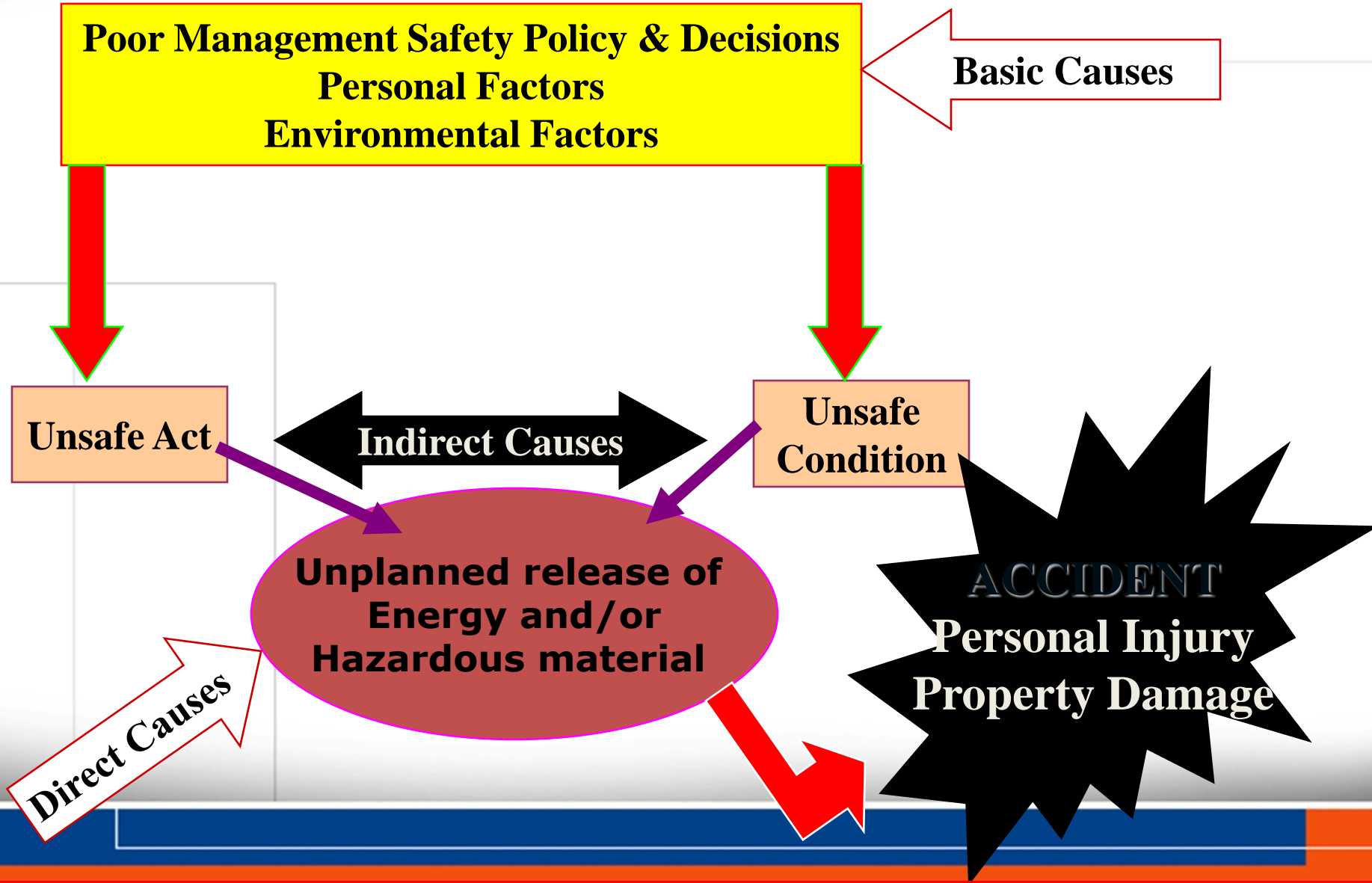


# DEFINISI ACCIDENT

Suatu kejadian yang tidak diinginkan berakibat cedera pada manusia, kerusakan barang, gangguan terhadap pekerjaan dan pencemaran lingkungan.

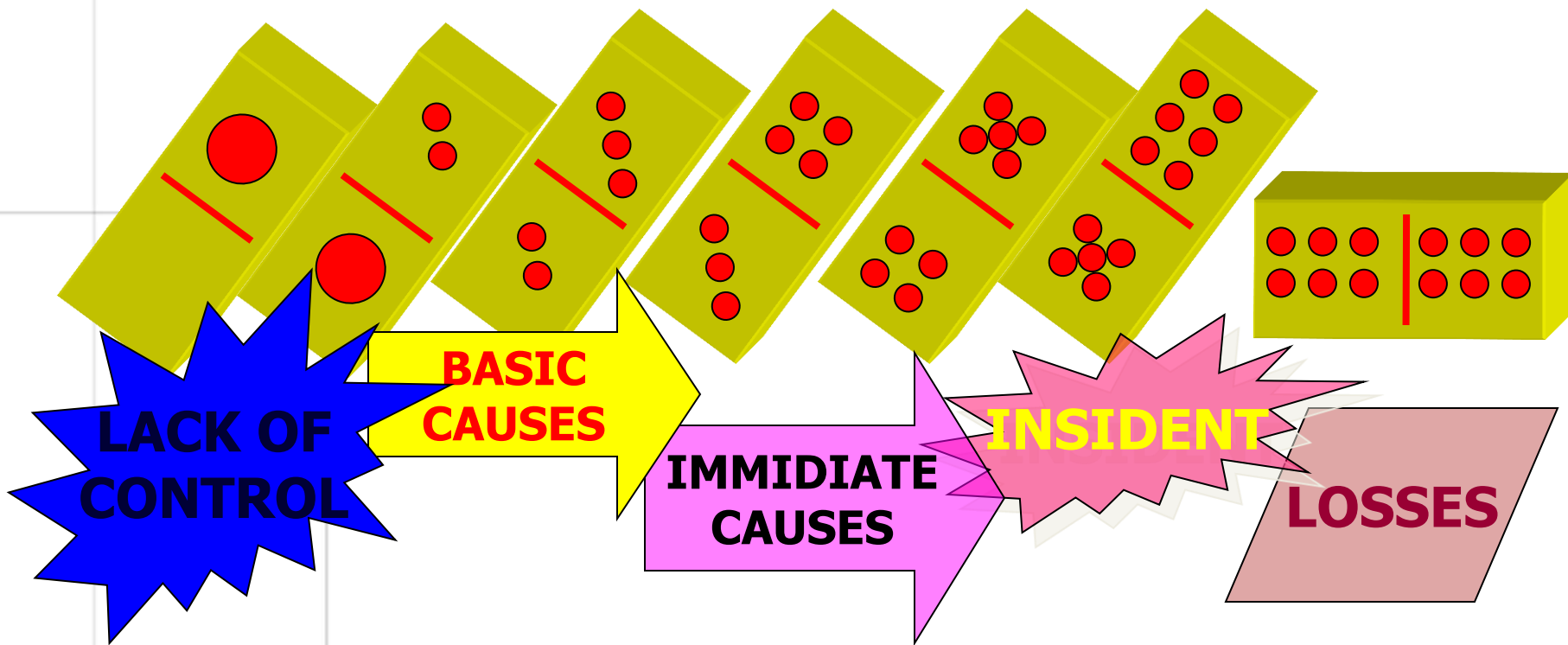


# The Three Basic Causes



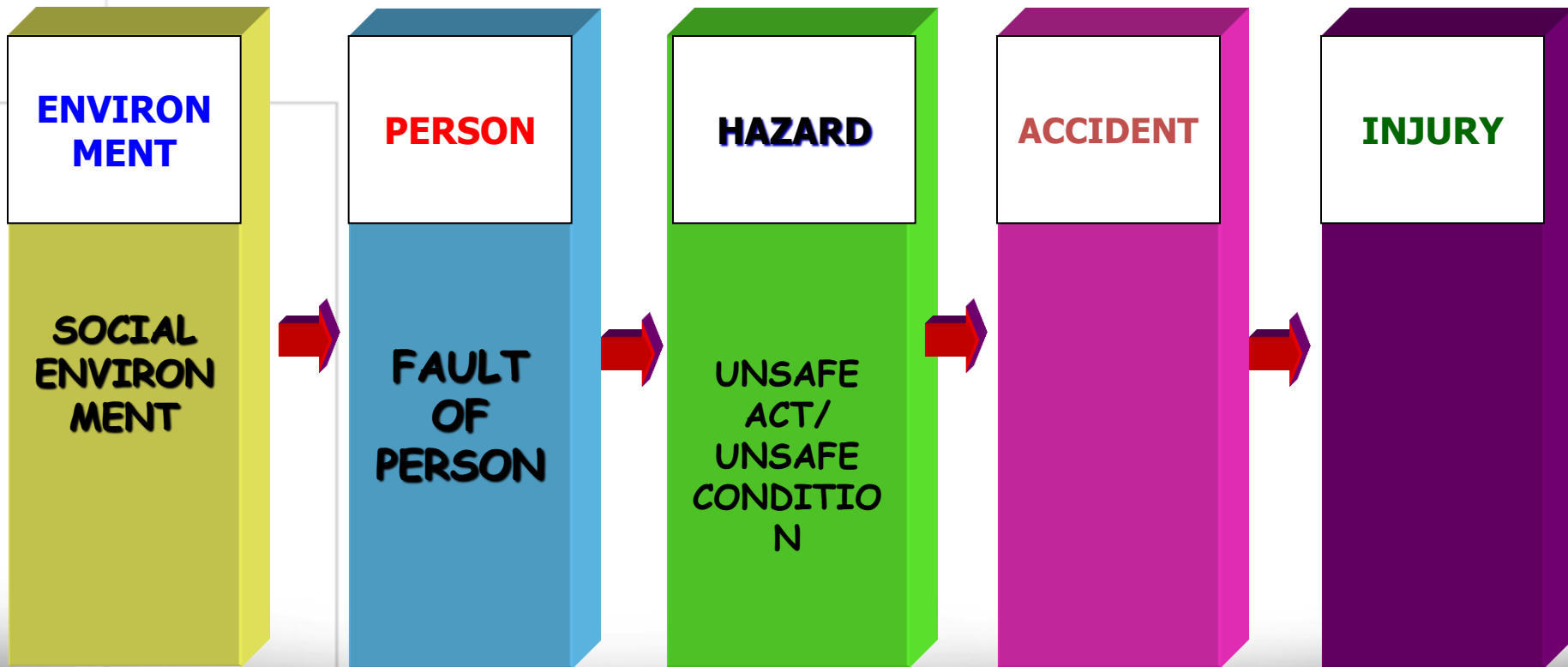
# Logika terjadinya kecelakaan

*Setiap kejadian kecelakaan, ada hubungan mata rantai sebab-akibat (Domino Squen)*



# DOMINO THEORY MODEL

( H.W. HEINRICH, 1931)



# PERKEMBANGAN

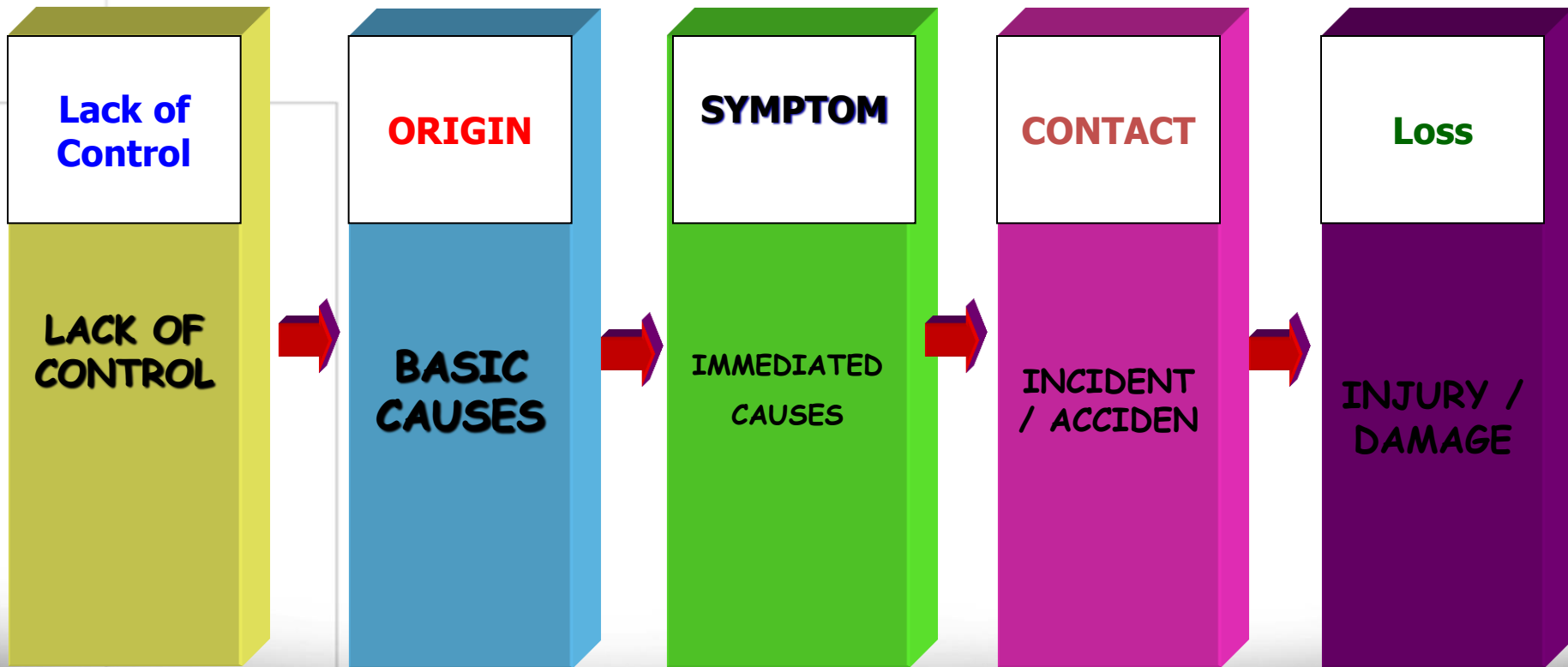
# DOMINO THEORY MODEL

- 1949 : GORDON**
- 1967 : HADDON**
- 1970 : Frank Bird JR**
- 1972 : Wigglesworth**
- 1976 : Bird and Loftus**
- 1978 : Petersen**
- 1980 : Johnson**
- 1985 : Bird and German**



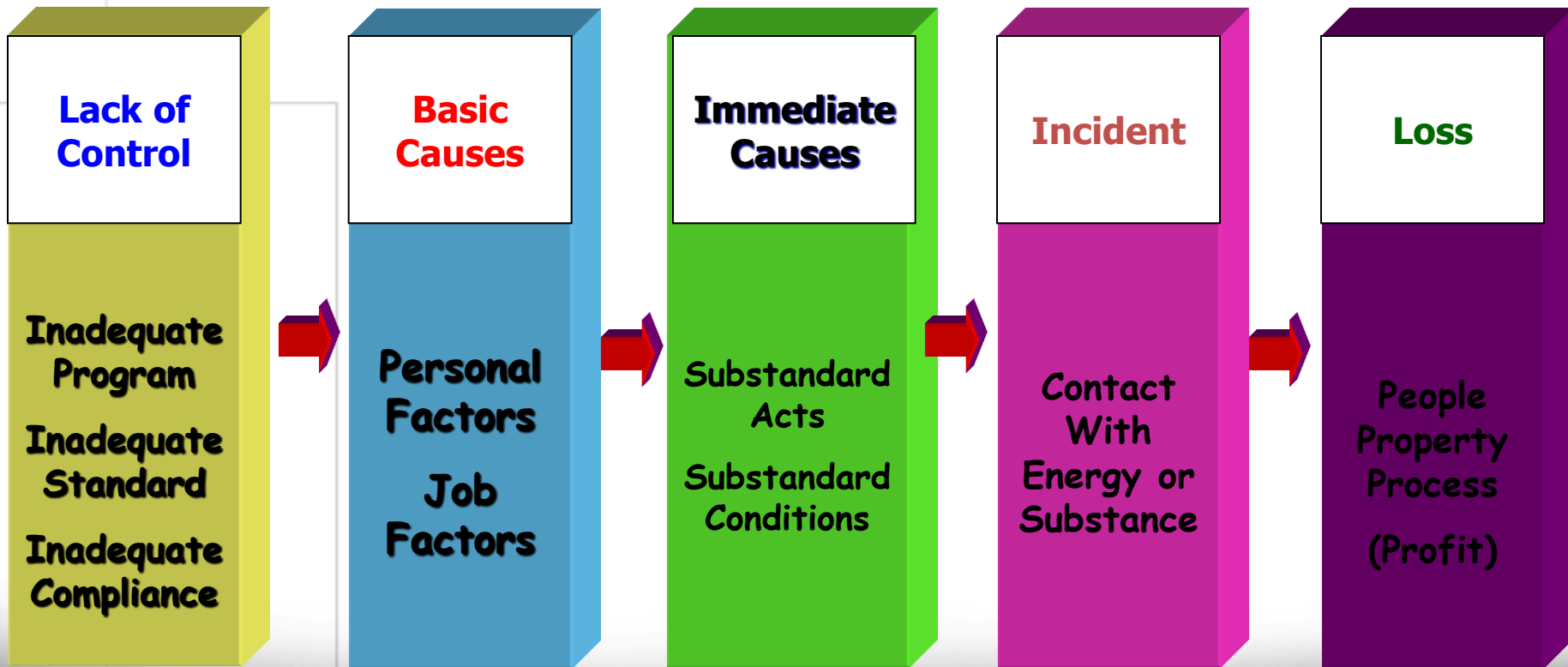
# UP DATED DOMINO THEORY

( FRANK BIRD JR, 1970 )



# LOSS CAUSATION MODEL

( ILCI model - Bird & German, 1985 )



# Penyebab dan Akibat Kerugian



**THE ILCI LOSS CAUSATION MODEL**  
Bird & German, 1985

## Referensi



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