



Session Two: Safety and Health

Chris Money
EXXONMOBIL

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- ❖ A dynamic industry
 - ❖ Evolving knowledge
 - ❖ Changing expectations
 - ❖ Shifting standards
-
- ▶ Where have we come from ?
 - ▶ Where are we now ?
 - ▶ What can we next expect ?
 - ▶ And how do we prepare to respond and adapt ?

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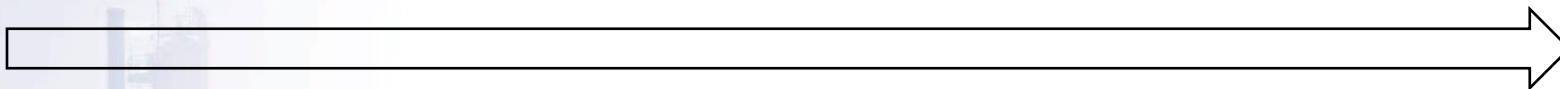
1960s

1970s

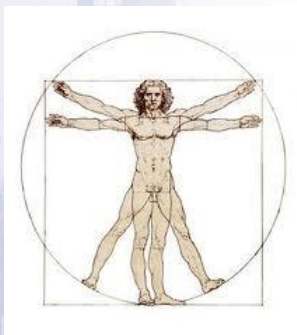
1980s

1990s

C21st



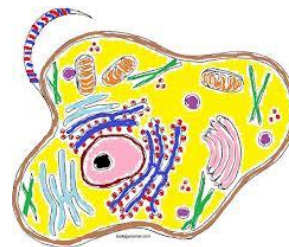
Clinical



Sub-clinical / tissue



Cellular



Genetic

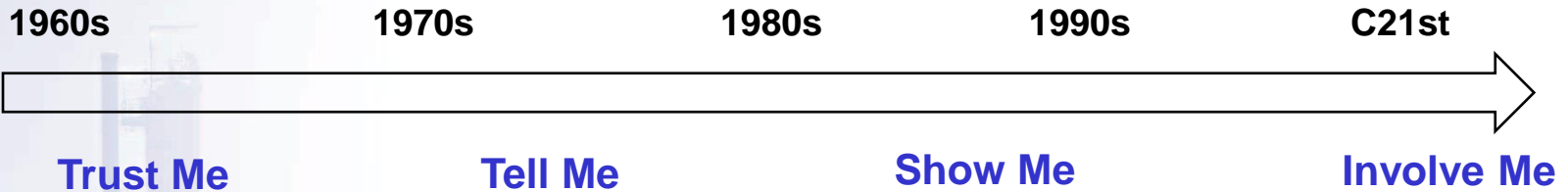


- ▶ The more we know, the more data we have to deal with
- ▶ And paradoxically, the less certain we can become
- ▶ Making the right decision in the face of uncertainty now represents one of the new challenges for industry



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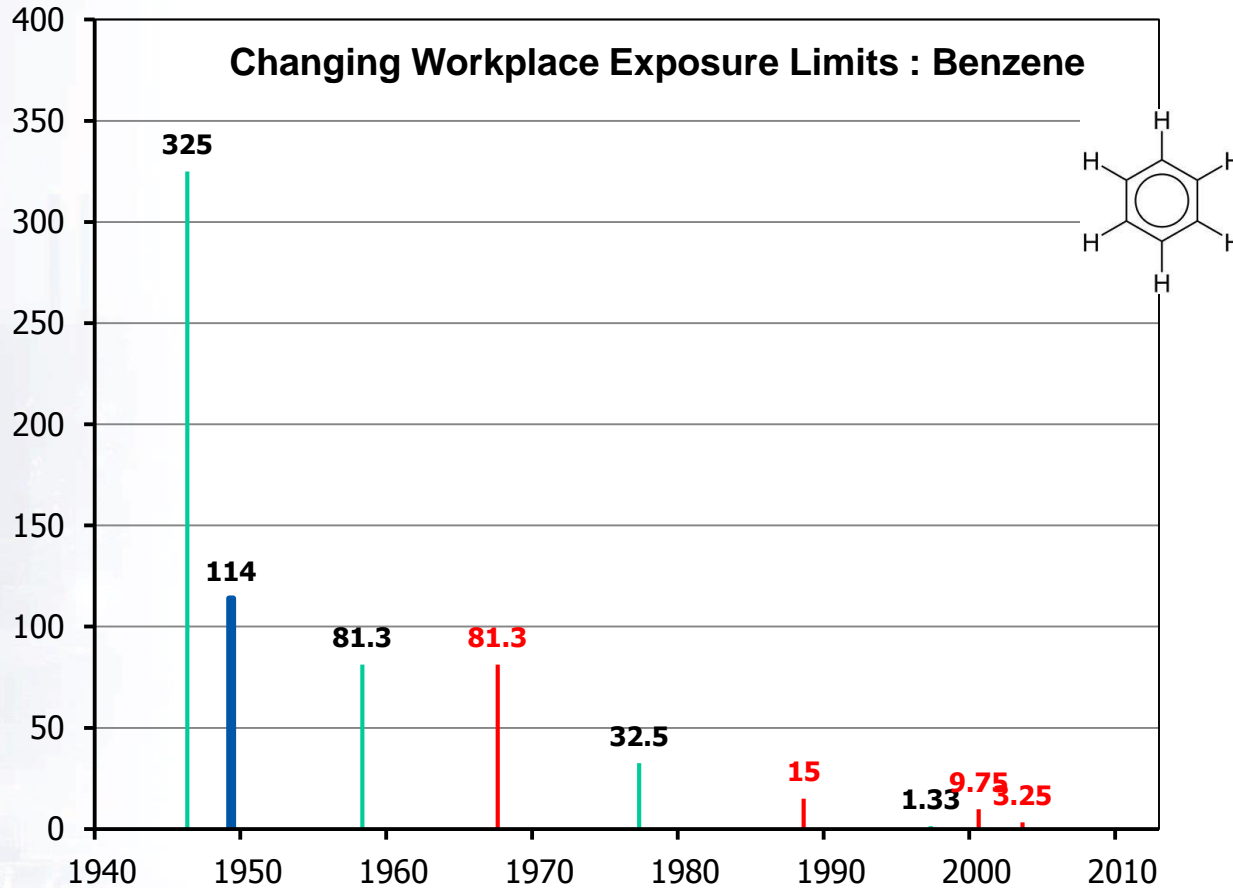
- Operations Integrity
- Systematisation
- Professionalisation
- Democratisation
- Accountability
- Transparency
- Etc.

► Internal responses increasingly shaped to account for externalities

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- ▶ Changing scientific understandings and societal expectations translate into changes in standards for health risk management and control



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- ▶ **Safety: Industry performance over 50 years and future challenges**
 - ▶ **Phil Holman, Awaken Consulting**

- ▶ **Health: CONCAWE activities and contributions over 50 years**
 - ▶ **Peter Boogaard, Shell Health**

- ▶ **Health: Toxicity testing in the 21st Century: Challenges and opportunities**
 - ▶ **Professor Alan Boobis, Imperial College, UK**

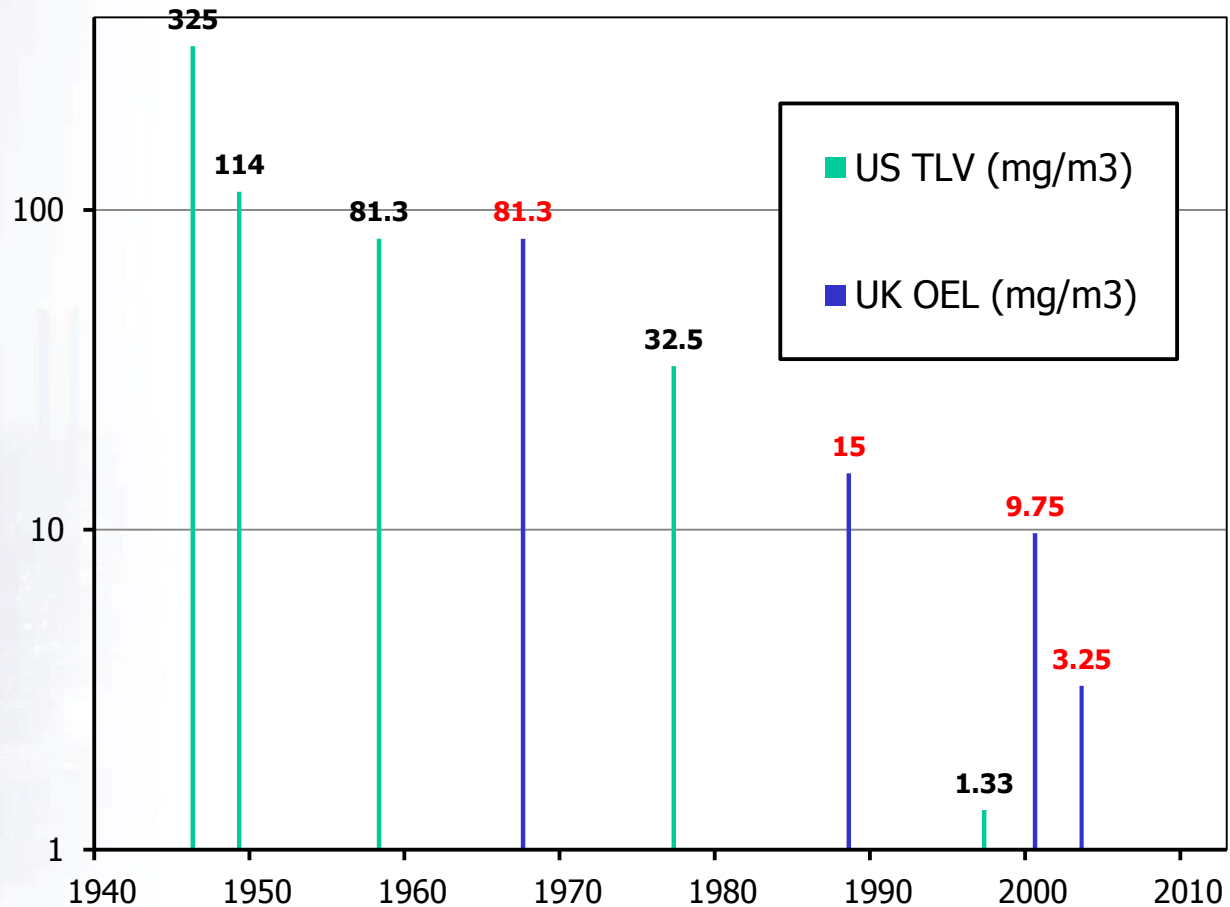
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