



Knowledge, Training & Policies in the Maritime & Port Industries

SKEMA Workshop
Port Centre, Dublin Port

Dublin, 22 January 2009



INTERACTIVE KNOWLEDGE PLATFORM
FOR MARITIME TRANSPORT AND LOGISTICS



PARADIGMA CHANGES

**A PARADIGMA IS A KIND OF THOUGHT
PATTERN
THAT HAS BECOME THE NORM
OR HAS BEEN GENERALLY ACCEPTED
(AT LEAST FOR A WHILE)**

PARADIGMA CHANGE 1

**We have been living and
are somehow still living
in a
TO DO Society**

PARADIGMA CHANGES

**From
TO DO**

PARADIGMA CHANGE 1

**From
TO DO
to
TO ACHIEVE**

.....to achieve.....

- **People must have the tools to achieve**
 - **Physical tools**
 - **Intellectual tools**
- **People must be trained to achieve**
 - **We must train them in facts**
 - **We must train them in systems understanding**
 - **We must train them EXPERIENCE**

CI

COMMANDER'S INTENT

What does this have to do with....

**What does changing over to
„.....to achieve“ mean for many
commanders, bosses,
educators, parents,.....?**

I am in command.....

but I am not in control!

PARADIGMA CHANGE 2



PARADIGMA CHANGE 2

PRESENCE OF THE ABNORMAL

**Accidents and Incidents do not normally
announce themselves spectacularly in
advance**

- **no Presence of the Abnormal**

PARADIGMA CHANGE 2

From
PRESENCE OF THE ABNORMAL
to
ABSENCE OF THE NORMAL

Accidents and Incidents do not normally announce themselves spectacularly in advance

- **no Presence of the Abnormal**

But by being alert to small changes, we might be able to foresee accidents and incidents and mitigate their impact

- **through Absence of the Normal**

PRESENCE OF THE ABNORMAL

- **In a dark night, find a lighthouse on the horizon**

ABSENCE OF THE NORMAL

- **On a bright sunny day with clouds, find a darker shade**

PARADIGMA CHANGE 2

From
PRESENCE OF THE ABNORMAL
to
ABSENCE OF THE NORMAL

What does this have to do with....

PARADIGMA CHANGE 3

From

ONE MAN ONE WORD

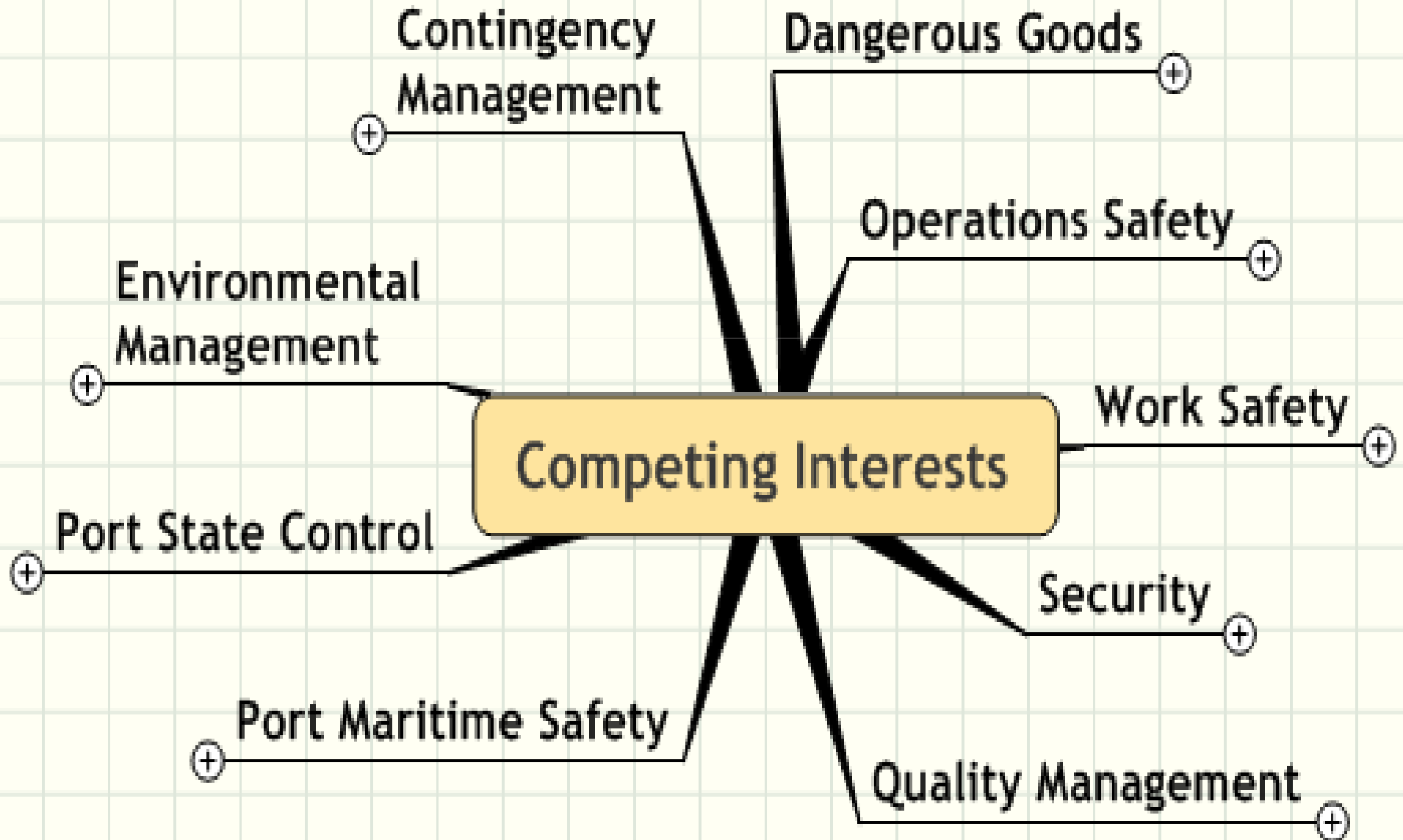
to

MANY EXPERTS MUCH PALAVER

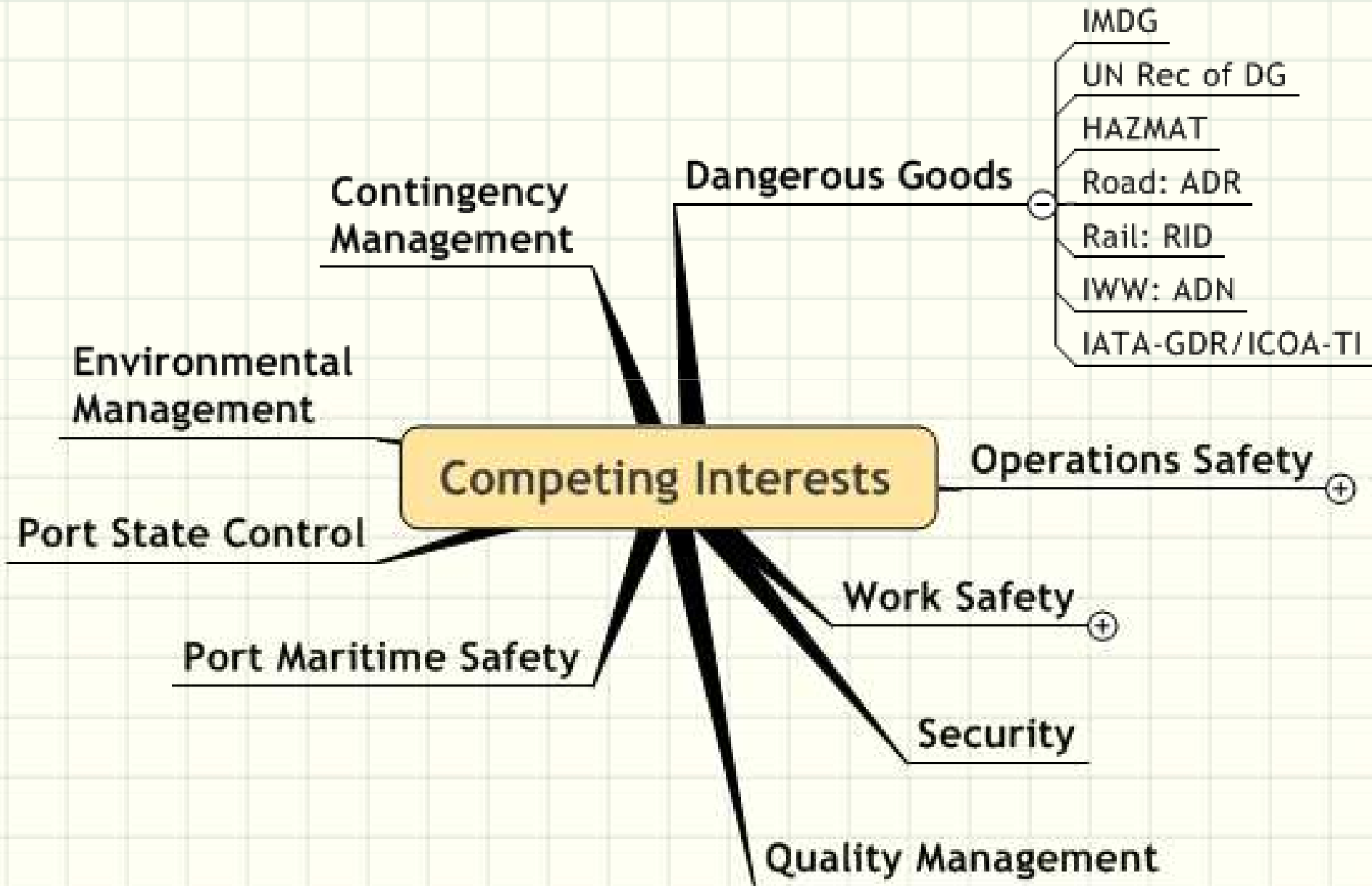
Competing Regulators

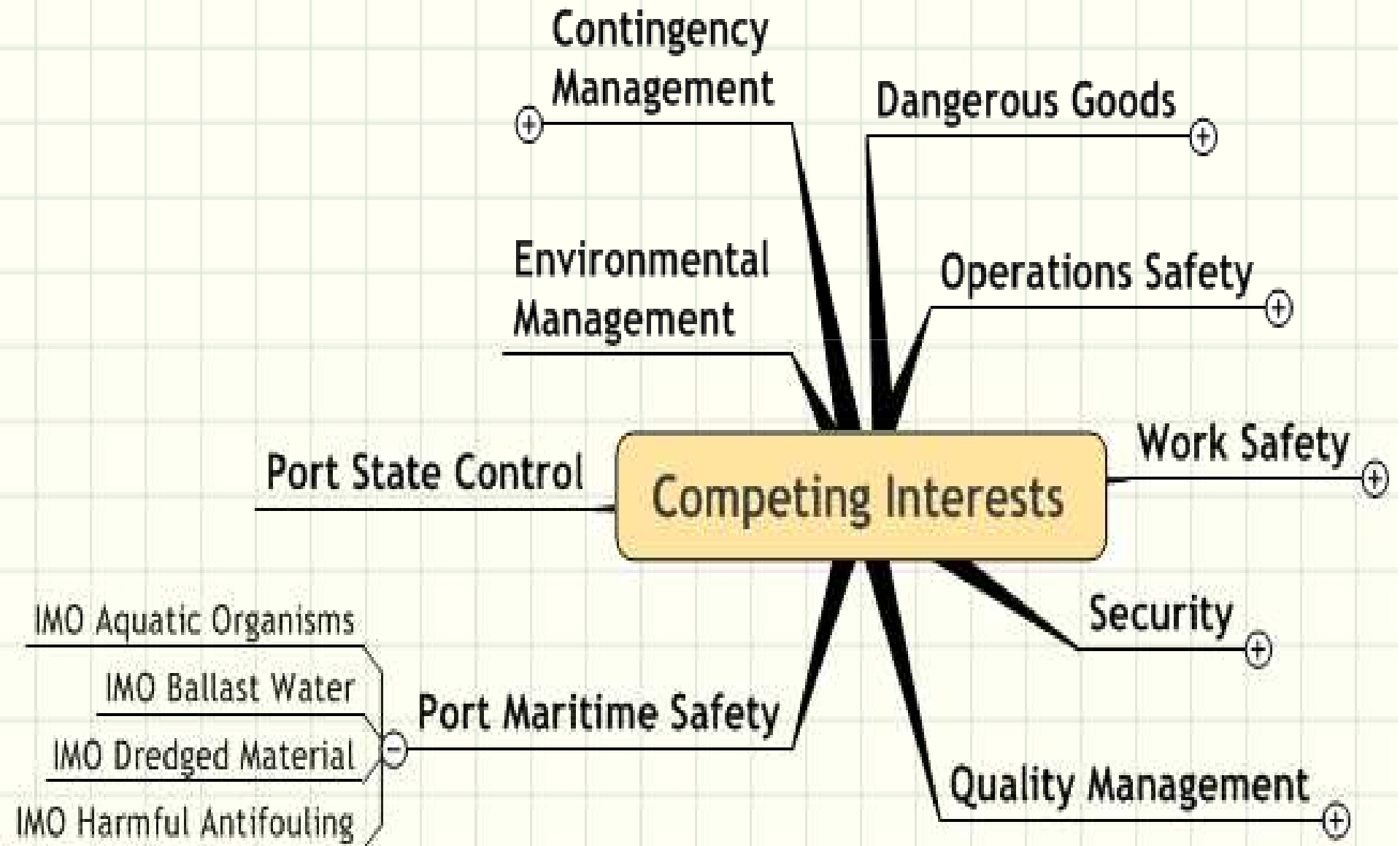
Competing Requirements from different Regulators

- **Work Safety**
- **Operations Safety**
- **Port Facility Security –ISPS Code-**
- **Dangerous Goods Handling –IMDG Code-**
- **Quality Management - ISO 9001-**
- **Environmental Management –ISO 14001-**
- **Port Waste Management**









The solution?

INTEGRATION OF ACTIVITIES





INTEGRATION OF ACTIVITIES

Integrated Safety, Security, Environment and Contingency Management ISSECM



Port Maritime Safety

Port State Control

Health Inspectorate

Dangerous Goods

Customs

Work Safety

Police

Security

Fire Brigade

Operations Safety

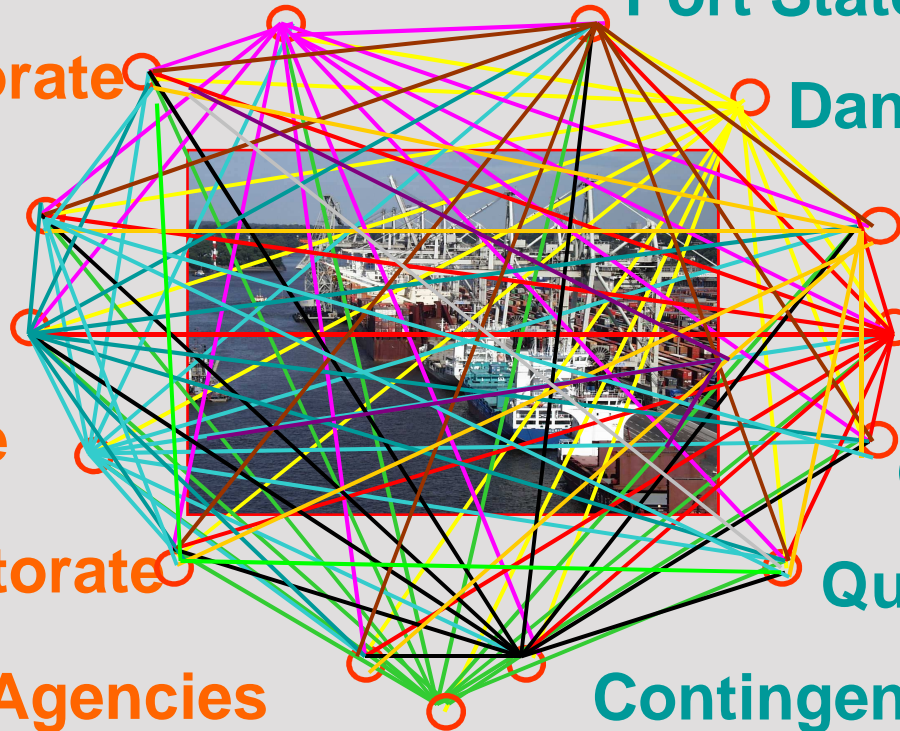
Factory Inspectorate

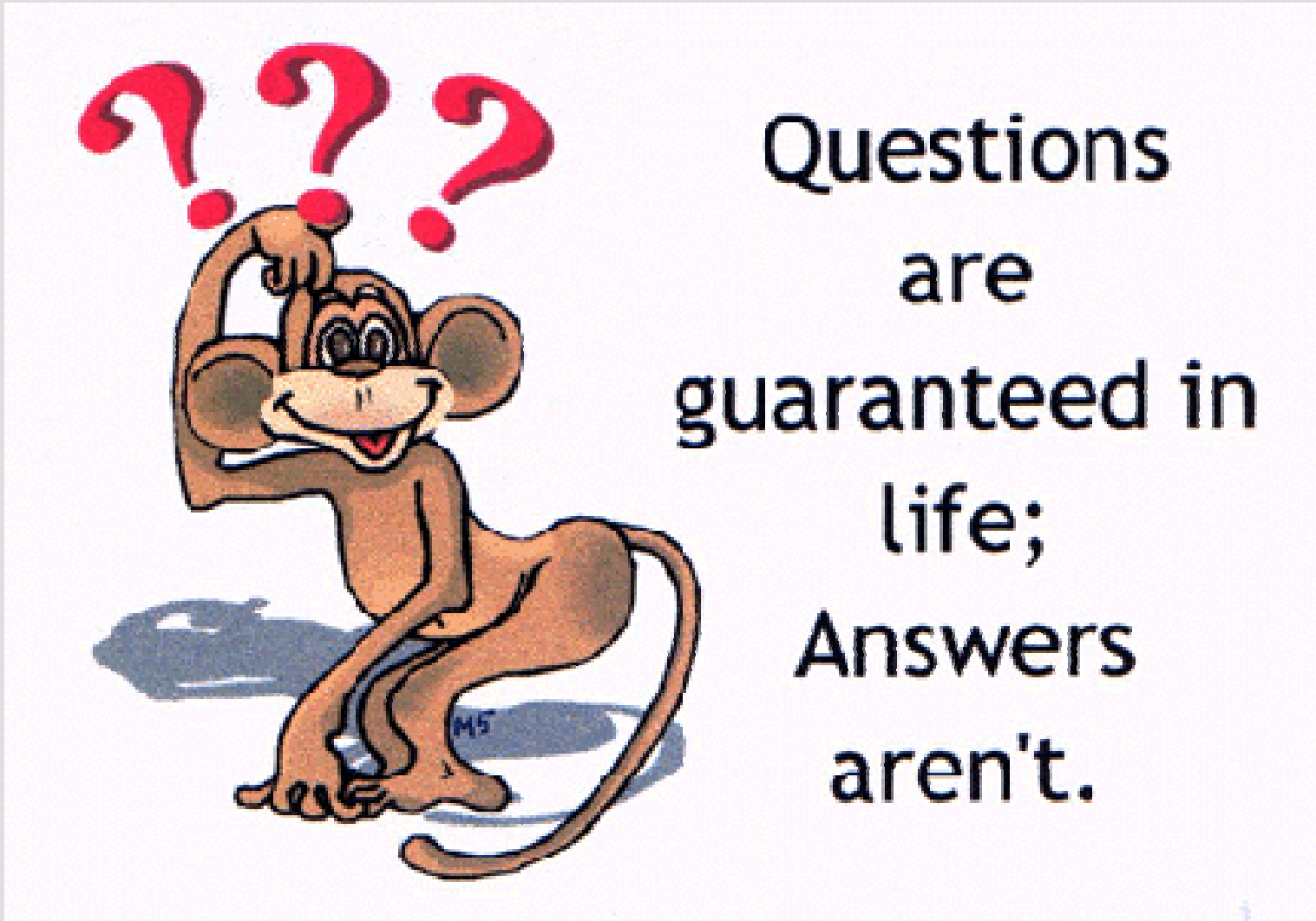
Quality Management

Work Safety Agencies

Contingency Management

Environmental Management







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