

# SUPPLY CHAIN RISK MANAGEMENT



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# Agenda Topics

- Introduction to LRQA
- Supply Chain vulnerability
- Using management systems
- Applicable standards
- Authorities & certification



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# Lloyd's Register Group (1760)

**Marine  
Energy  
Transportation  
Managements Systems  
(LRQA)**



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# Clients



Tubular technologies. Innovative services.



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# LRQA Management Services

- Quality ISO 9001
- Environment 14001
- Health & Safety 18001
- Food Safety 22000
- IT Security 27001
- Supply Chain Security  
28000 & TAPA & AEO compliance
- Business Continuity  
– BS 25999
- Green House Gas EU-ETS,  
JI, CDM, 14064
- EC Directives
- CSR - Corporate Social  
Responsibility
- Supply Chain Assurance



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DO YOU KNOW THE WEAKEST LINK?



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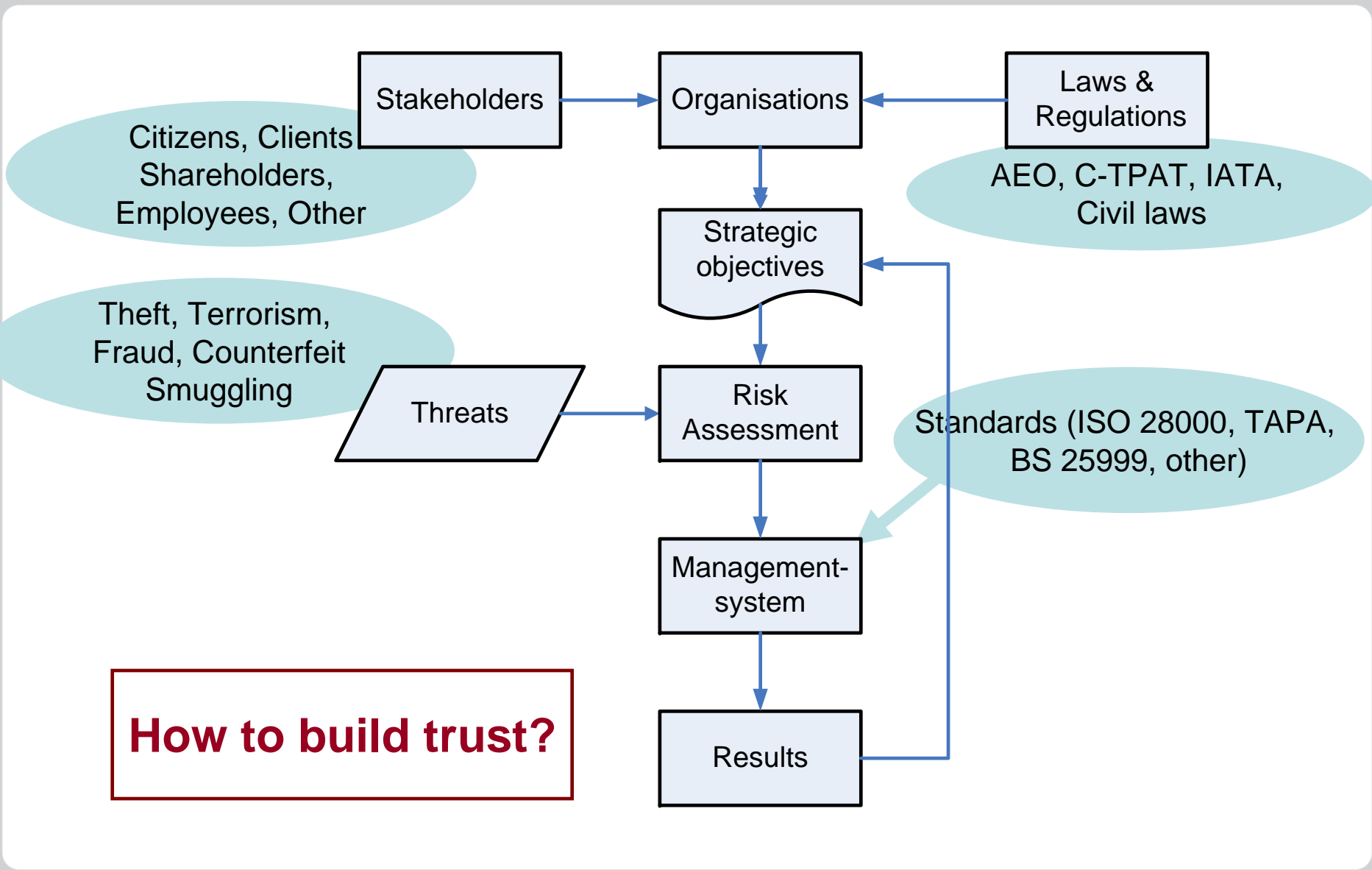
# Management Systems

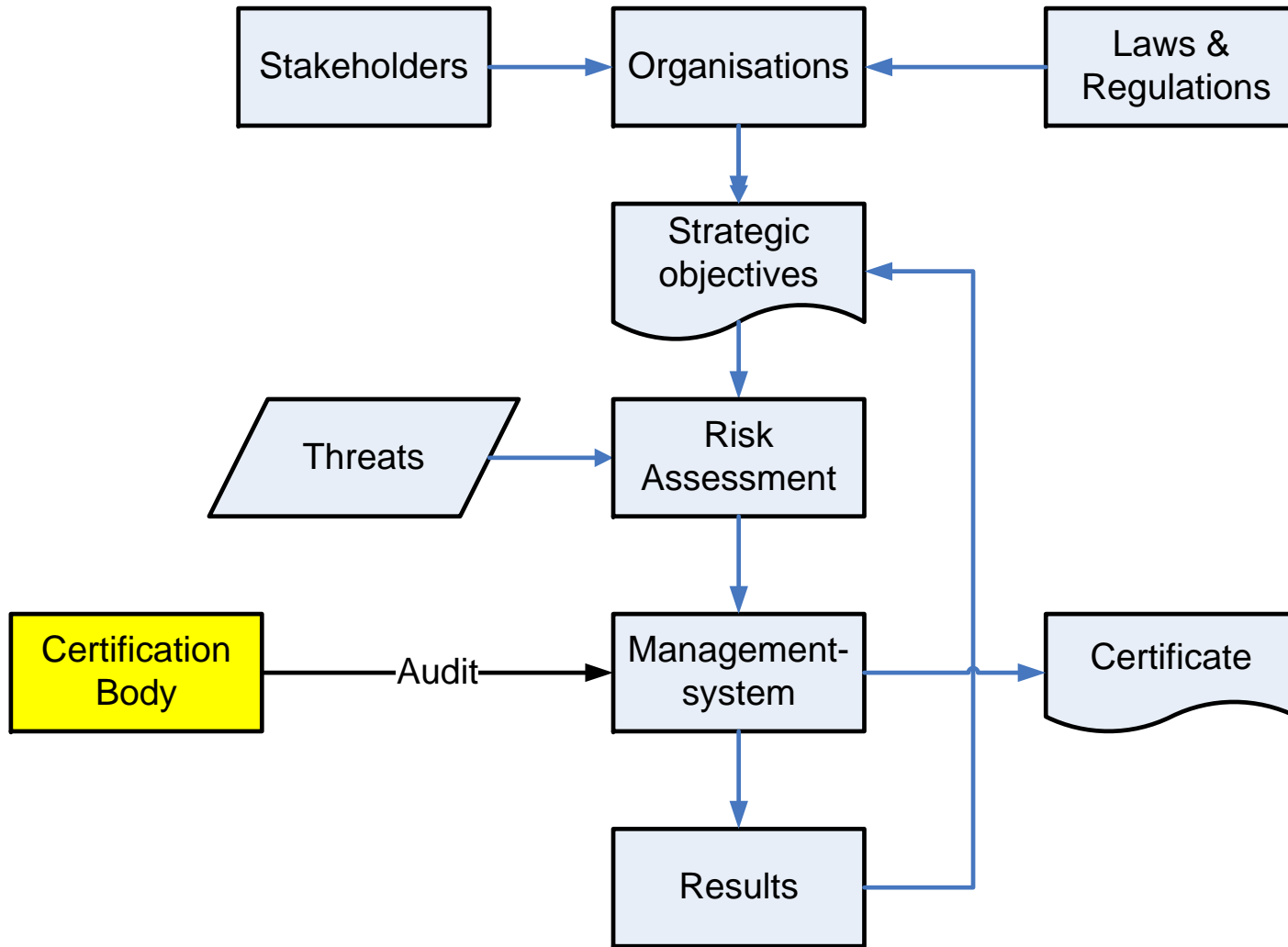
- Management systems enable organisations to manage their risks (business oriented)
- **Risk analysis** as universal driver for decisions
- Essential requirement - **knowing the threats**
- Deming Circle (Plan Do Check Act)



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What shape do you think you are in?



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# Standards highlighted

- Supply Chain Security
  - TAPA
  - ISO 28000 (& AEO)
- Business Continuity Management
  - BS 25999



# What is TAPA?

- **Transported Asset Protection Association**
  - Established 1997
- Manage security threats (theft)
- Members
  - *High value goods manufacturers / distributors*
  - *Freight services industry companies.*
  - *Insurers*
  - *Organisations & associations that support TAPA aims.*

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Sharing Best Known Methods

**FSR**  
(Warehouses)

**TSR**  
(Trucks)

**PSR**  
(Parking)

**TACS**  
(Air cargo)

Set of Standards

**Incidents Reporting & Alerts (IIS)**

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# Assessment Areas

1. Physical / personnel Security
2. Access Control
3. Security Systems & Procedures
4. Pre-Alerts
5. Enhanced Security Requirements

**STRONG FOCUS ON SOLUTIONS & BEST  
PRACTICES**

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# INTERNATIONAL CONTEXT

## EU LEGISLATION ON TRANSPORT SECURITY

Authorised Economic Operator  
ISO 28000



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# AEO Compliance

AEO requirements related to:

1. Company's information
2. Compliance record
3. Accounting and logistical system (incl. IT security – ISO 27001)
4. Financial solvency
5. Safety and security requirements (ISO 27001, ISO 28000, TAPA, ISPS)

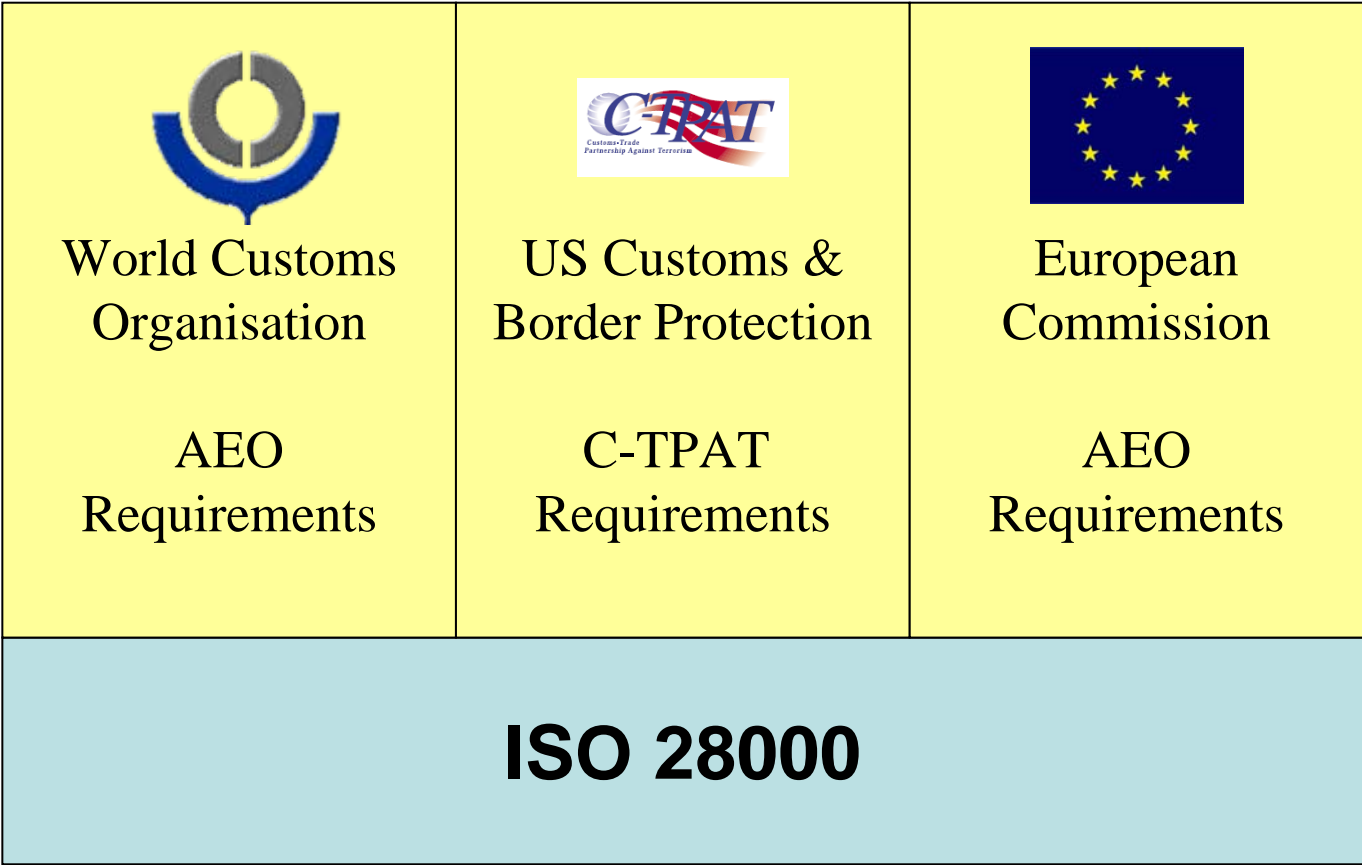
Customs rewards certification to ISO 28000



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# ISO 28000 The Foundation for Security



# ISO 28000 - Summary

- Manage security risks
- Theft and terrorism
- All security requirements (land, sea, air)
  - Legislation (e.g. AEO)
  - Foundation for TAPA
- Requirements specification only
  - independent of business
  - Compatible
- **AEO compliance, using ISO 28000, links to Insurance requirements on security**



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# BUSINESS CONTINUITY

WHAT WILL YOU DO,  
IF THINGS HAVE GONE WRONG?

BS 25999



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# Participants in the standard development

- Association of British Insurers
- Association of Insurance & Risk Managers
- Association of Chief Police Officers
- Cabinet Office
- Chief Fire Officers' Association (CFOA)
- Financial Services Authority
- Metropolitan Police
- Society of Industrial Emergency Services
- Dept. for Business Enterprise and Regulatory Reform (formerly DTI)



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# SUMMARY (1)

- SUPPLY CHAIN SECURITY MANAGEMENT
  - Supported by international legislation, like:
    - AEO, C-TPAT
  - Increasing professionalism in the sector (TAPA)
- Standards underpin security management
  - ISO 28000 (what)
  - TAPA (how)
  - BS 25999 (Business Continuity)
  - Common language in the community
- Independent 3rd party certification demonstrate compliance to multiple stakeholders



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## SUMMARY (2)

- USING STANDARDS AND CERTIFICATION SUPPORT OBJECTIVES OF REGULATORS, AUTHORITIES AND LAW ENFORCEMENT BODIES
  - o Manage & mitigate risk
  - o International & professional standards
  - o Continuous improvement
  - o License to operate
- Shipping industry is the example



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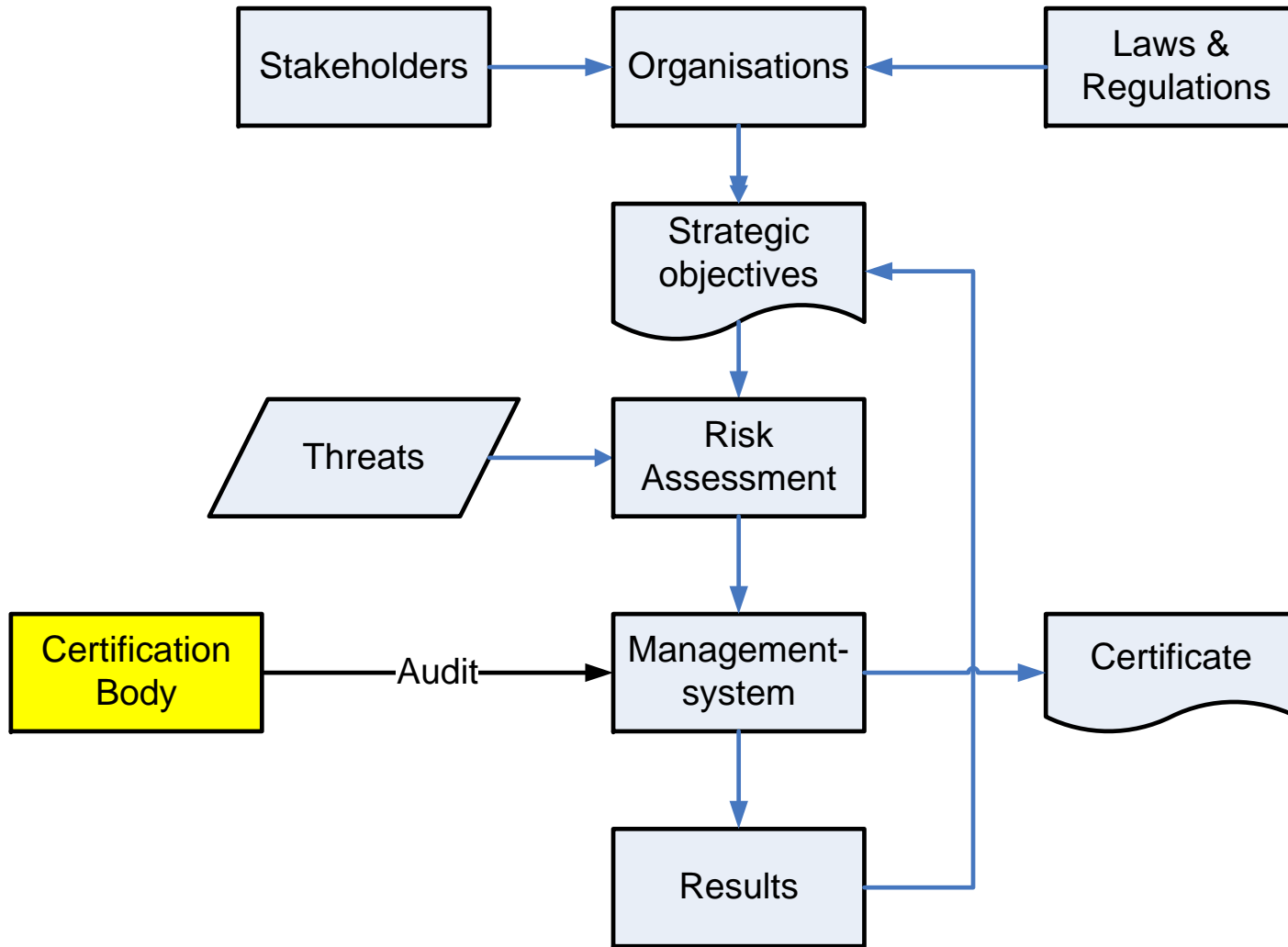
# Position of authorities

- *Companies* can only manage the risks they know, or have been told
- Governments / authorities:
  - o Investigate threats
  - o Know the risks
  - o Manage sensitive information
  - o Build on societal support
  - o Benefit from confirmation of capabilities



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Many companies have gone this way already



# LRQA Contact details

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# QUESTIONS & ANSWERS



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