



2nd IMPROVER-ERNICIP Joint Operators Workshop

Building resilience using business continuity management systems

JRC Ispra, 11-12 May 2017

Building resilience using business continuity management systems

Declaration of conflict of interest



Building resilience using business continuity management systems

Objectives

What is a management system?

What is organizational resilience?

What is a business continuity management system?

Why can a BCMS help to build resilience?

EDP BCMS key points

Mindset approach to standards/directives



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What is a management system standard? [e.g. ISO 22301:2012 BCMS]

Framework of guidelines/requirements that
if fulfilled ensure that an organization will be able to
establish, implement, operate, monitor, review, maintain and improve its objectives.



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What is a management system standard? [e.g. ISO 22301:2012 BCMS]

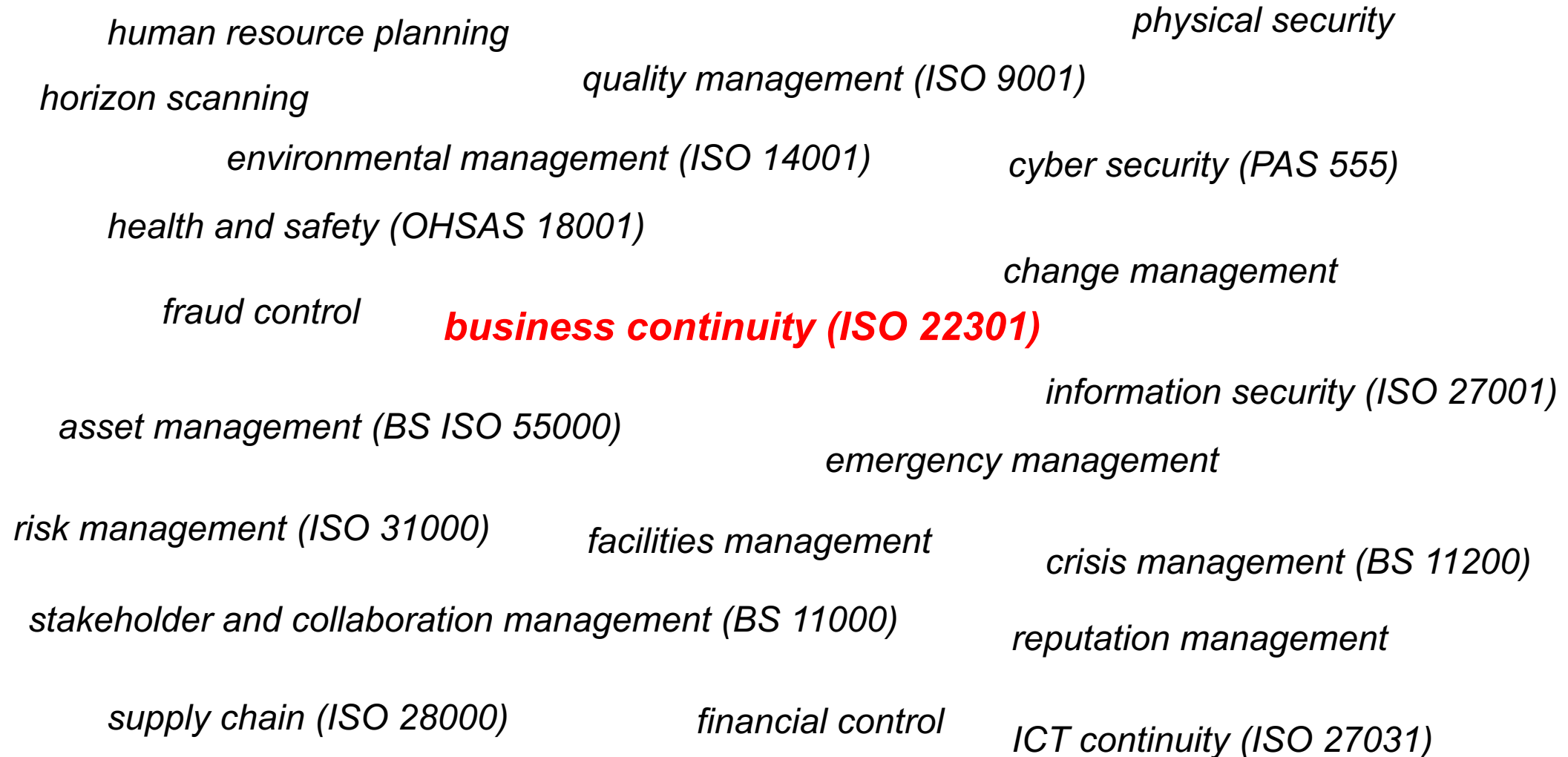
Framework of guidelines/requirements that
if fulfilled ensure that an organization will be able to
establish, implement, operate, monitor, review, maintain and improve its **resilience.**

Easy?



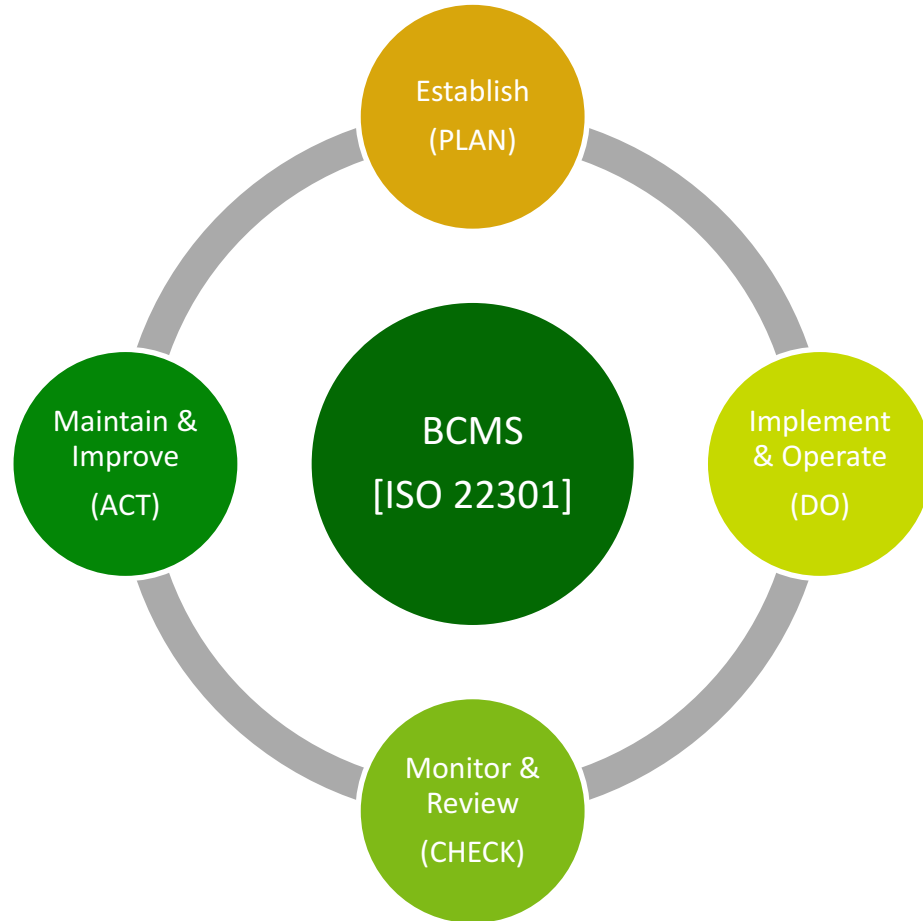
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What is organizational resilience? [BS 65000:2014 | ISO 22316:2017]



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What is a business continuity management system? [ISO 22301:2012]



1. Context of the organization
2. Leadership
3. Planning & objectives
4. Support

5. Business impact analysis & risk assessment
Establish and implement business continuity procedures
Exercising and testing

6. Monitoring, measurement, evaluation & review

7. Nonconformity, corrective action and continual improvement

Standards about business continuity:

NFPA 1600:1995, BSI PAS 56:2003, ISO 22301:2012

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What is a business continuity management system? [ISO 22301:2012]

General worldwide

Framework of guidelines/requirements that

if fulfilled ensure that an organization will be able to

establish, implement, operate, monitor, review, maintain and improve its **BC.**

Make it operational to your reality!



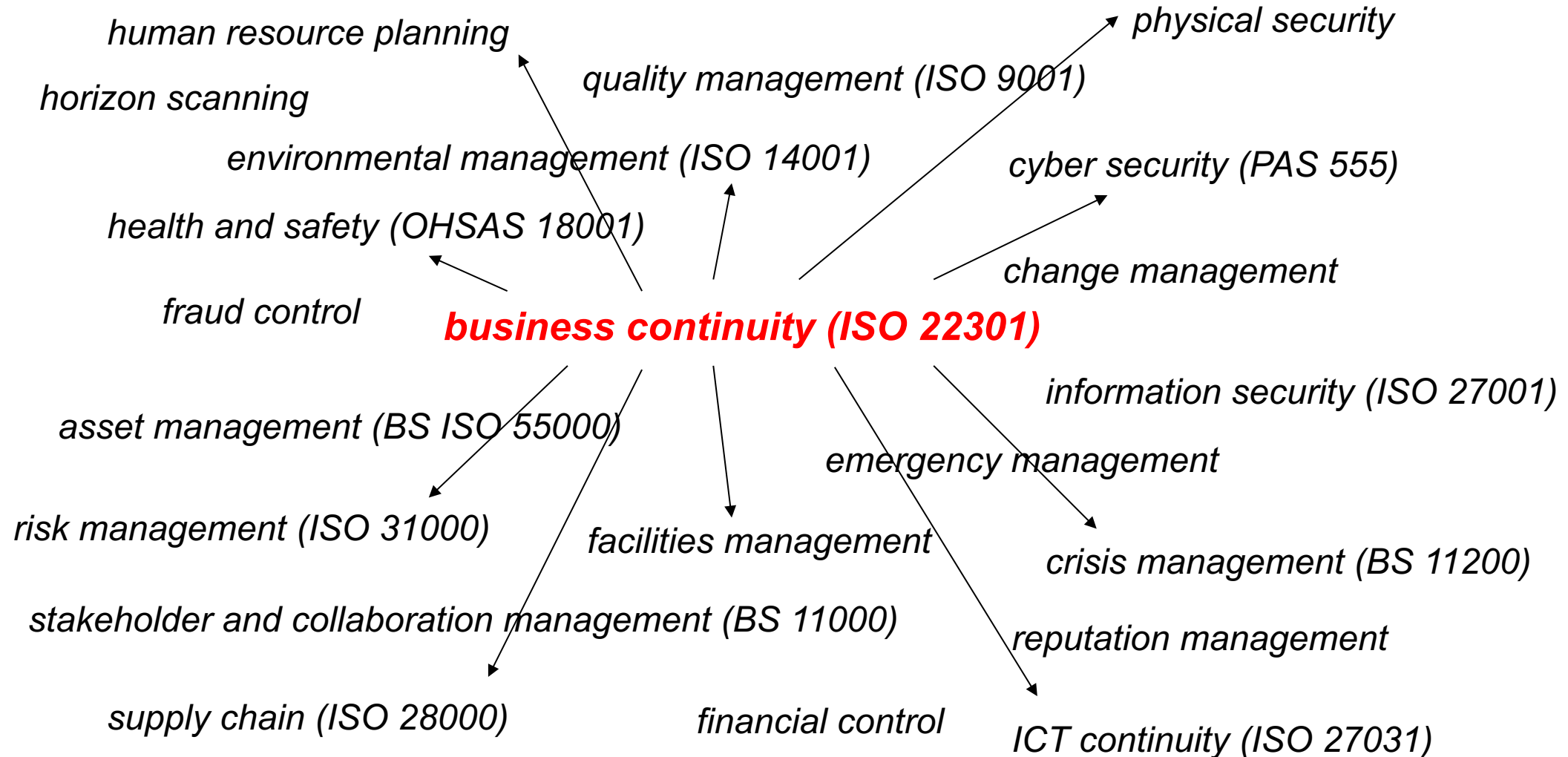
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What is a business continuity management system? [EDP way]



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Why can a BCMS help to build resilience?



The arrows are just examples, depending of the sector and scope you could have to take into account all the themes

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Why can a BCMS help to build resilience? Key points: Resource Loss-based vs Scenario-based



You cannot predict every scenarios!



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Why can a BCMS help to build resilience? Key points: Resource Loss-based vs Scenario-based

Resource Loss-based instead of Scenario-based. Four resource categories:

- 1** People
- 2** Physical Infrastructure
- 3** Technological Infrastructure
- 4** Suppliers

Business Impact Analysis, Risk Assessment and Business Continuity Plans much more focused
but at the same time also much more comprehensive.



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Why can a BCMS help to build resilience? Key points: Risk assessment

Impact assessment: impact if you loss a **resource** category

Probability assessment: probability of a **threat** exploits a **vulnerability**

Risk assessment: Impact x Probability

It's not only about your event history!



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Why can a BCMS help to build resilience? Key points: Exercising



You must confront the perspectives of the different actors!



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It's today EDP more resilience?

RESILIENCE

**DEEPER AWARENESS
MORE COMPREHENSIVE
HIGHER FOCUS**

**ANTICIPATION
PREPARATION
RESPOND & ADAPT**



RESILIENCE

**EACH REQUIREMENT
RATHER THAN A NC
IS AN OPPORTUNITY
TO BE MORE PREPARED**



THANK YOU

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