



Nuclear Security Risks

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AIM



Show you:

how URENCO does risk assessment

Explain to you:

why URENCO chose this approach

Share with you:

the advantages that URENCO sees

URENCO's BUSINESS





URENCO's FACILITIES WITCH





FACTS & FIGURES



Market share

23 % worldwide

Net Profit

€239 million

Headcount

887 FTE's

Production capacity

• 11,100 tSWU/a

RISK BASED APPROACH?



If you know your <u>enemy</u> and y<u>ourself</u>, you need not fear a thousand battles.



General Sun Tzu, 400 - 320 BC

BALANCE



There need to be a <u>balance</u> between risk and countermeasures



Example: financial risks were not understood, no effective countermeasures were implemented

URENCO's CHOICE



URENCO's needs

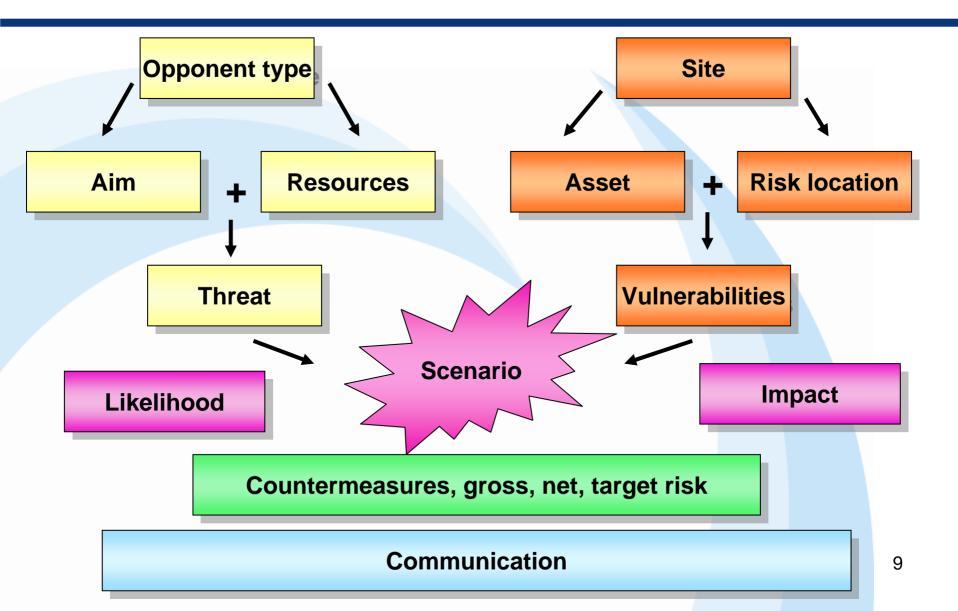
- 1. Balanced risks and countermeasures
- 2. Understandable method and outcome
- 3. Effective communication of risk

URENCO's choice

- 1. Compile "own" risk model
- 2. Generic for all business risks
- 3. Supported by easy tool (MS Excel)

RISK MODEL





CONSITENCY



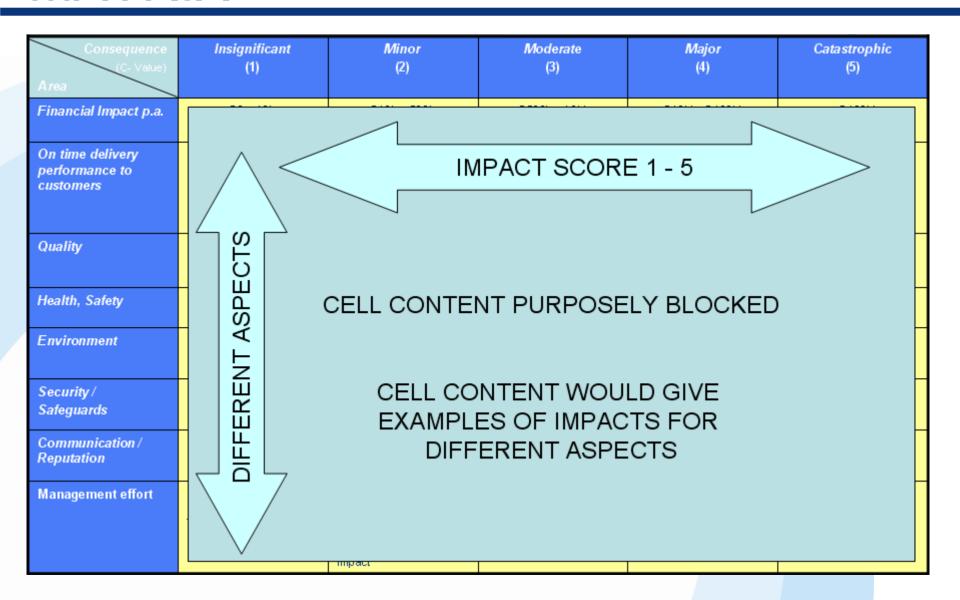
For all business processes:

Risk = likelihood \mathbf{x} impact

- Generic, normalized scoring
- Likelihood matrix
- Business impact matrix
- 5 point scale

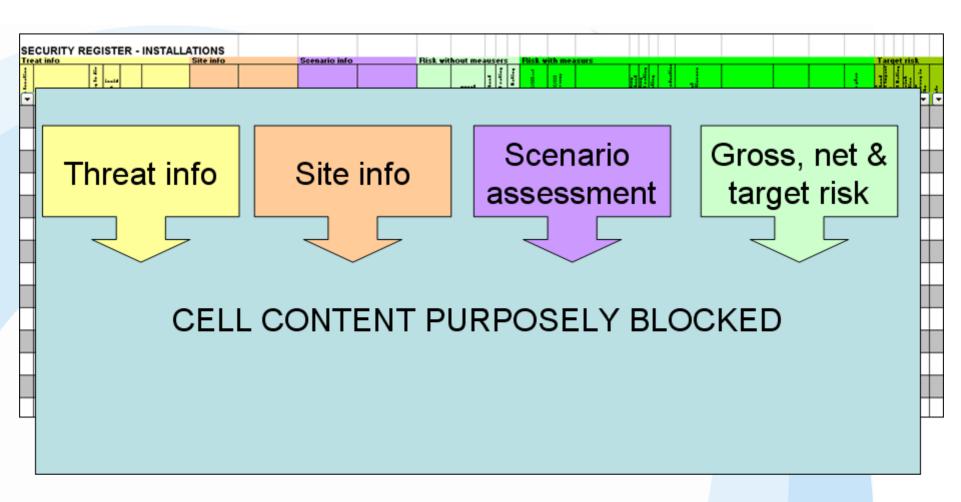
BUSINESS IMPACT MATRIX





RISK REGISTER





RISK MATRICES



IMPACT

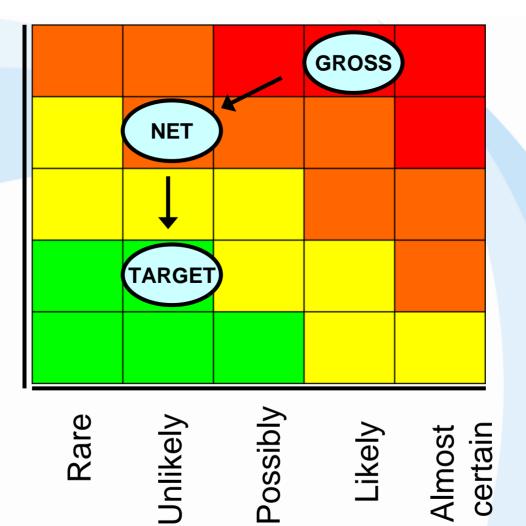
Catastrophic

Major

Moderate

Minor

Insignificant



Critical Important

Low

Moderate

LIKELIHOOD

SUMMARY



HOW?

- URENCO risk model
- Generic for all business processes

WHY?

- Balanced risks and countermeasures
- Easy to use method

ADVANTAGES?

- Communication of risk
- Broad acceptance for security measures



Thank you for your attention!

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