

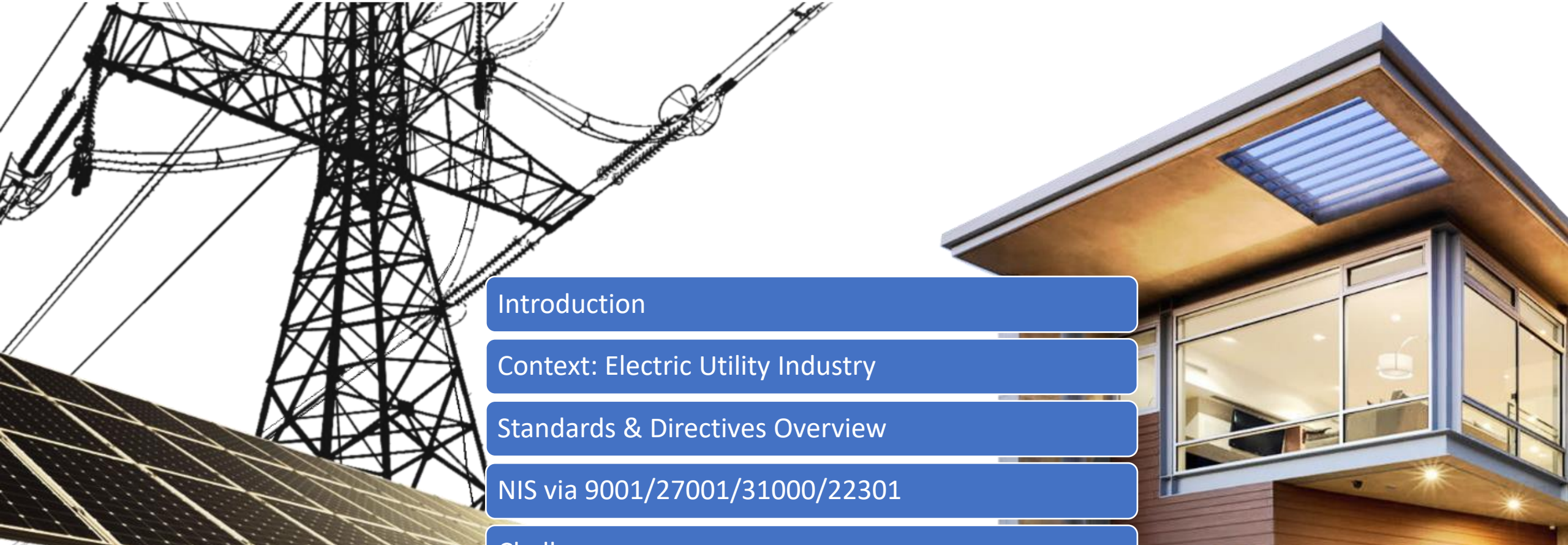
Navigating Through Challenges: A Utility Approach to Business Continuity and Risk Management

"Business Continuity, Disaster Recovery & Risk
Management: Challenges and Opportunities“,

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Agenda

Introduction

Context: Electric Utility Industry

Standards & Directives Overview

NIS via 9001/27001/31000/22301

Challenges

Opportunities

Strategies & Recommendations

Conclusion

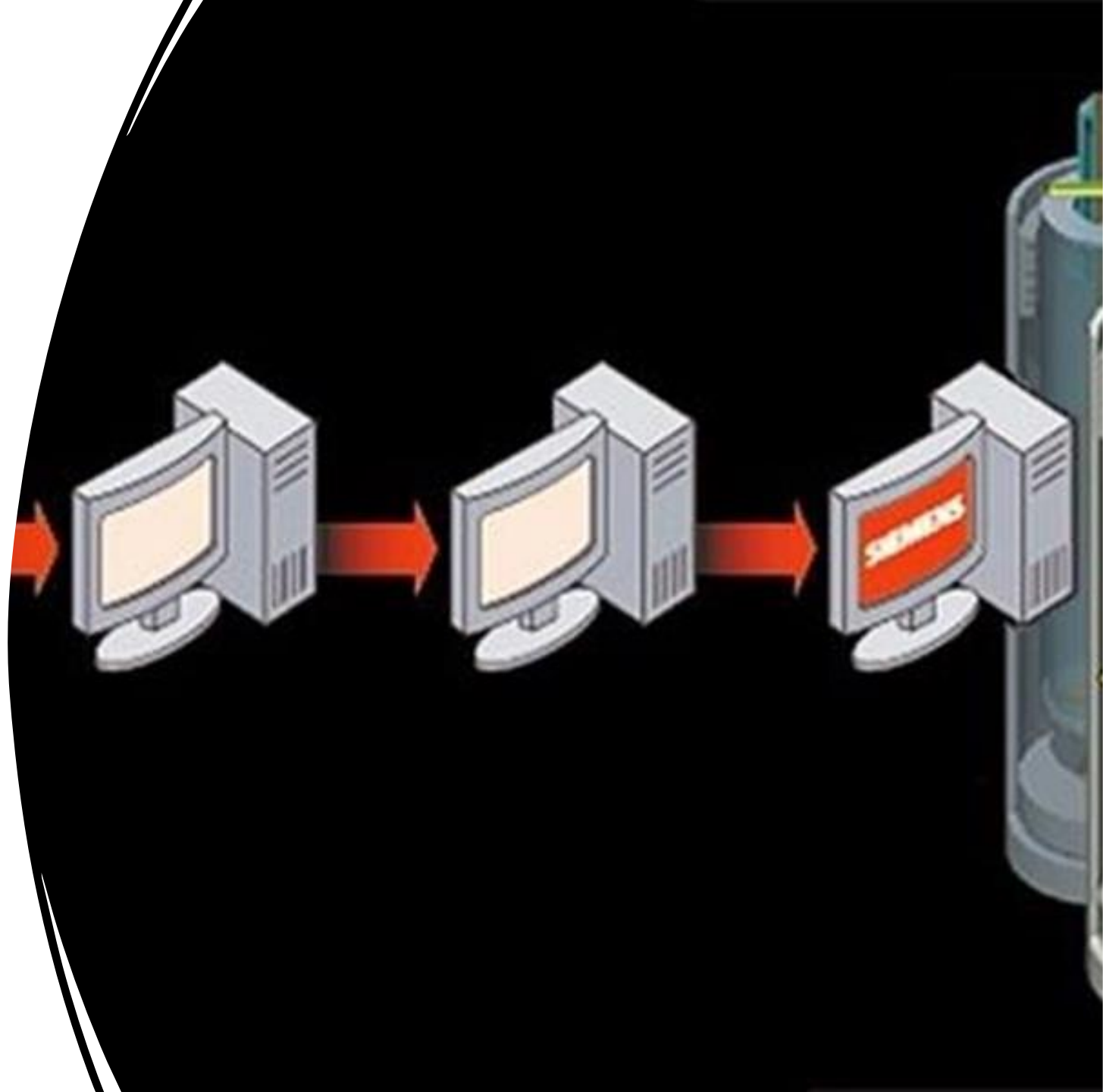
Introduction

Together, BCDR & Risk not only ensure the reliable provision of power but also protect against financial losses, regulatory breaches, and maintain public safety in a dynamic and demanding industry.



Introduction

- Recognizing the types of threats and challenges in the energy sector.
- Beyond natural disasters and towards sophisticated cyber-attacks.
- Need for a proactive and adaptable approach to risk management
- Investing in robust security measures.



Context: Electric Utility Industry



Pivotal Role in Modern Society



Growing Cybersecurity Threats



Climate Change and Natural Disasters



Supply Chain Complexity



Public and Private Sector Collaboration

Standards & Directives Overview



The Need for Standards



NIS2 Directive



Integration and Harmony among Standards



Customization for the Electric Utility Sector

STANDARDS

A hand is pointing towards the word 'STANDARDS' which is written in large, white, bold letters on a blue background. The background is filled with faint, white technical drawings, including gears, circuit boards, and various geometric shapes. The lighting is dramatic, with a bright glow around the hand and the text.

NIS2 Directive via 9001/27001/31000/22301 Standards





Challenges and Opportunities

Challenges - External Factors



Natural Disasters and
Climate Change



Geopolitical Tensions



Cybersecurity Threat
Landscape



Regulatory and
Compliance Evolution



Technological
Advancements



Public Perception and
Trust

Challenges - Internal Factors

Legacy Systems Integration

Talent Acquisition and Retention.

Cultural Resistance to Change.

Financial Constraints

Data Management and Integrity

Operational Silos

Challenges Technological



RAPID
TECHNOLOGICAL
EVOLUTION



CYBERSECURITY
COMPLEXITY



INTEGRATION WITH
RENEWABLE ENERGY
SOURCES



DATA OVERLOAD AND
MANAGEMENT



VENDOR AND THIRD-
PARTY RISKS

Opportunities - Technological Advancements



Smart Grid
Innovations



Predictive Analytics
and AI



Advanced
Cybersecurity
Solutions



Automation and
Process Optimization



Integration of
Renewable Energy



Opportunities - Organizational Benefits



Enhanced Organizational
Resilience



Operational Efficiency



Employee Morale and
Retention



Competitive Advantage



Strategic Growth and
Expansion



Strategies

Strategies - Infrastructure Reinforcement



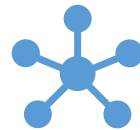
Infrastructure
Modernization



Redundancy
Implementation



Diversified
Energy Sources



Geographical
Distribution



Physical Security
Enhancements



Network
Segmentation

Strategies - Personnel and Training



Strategies - Policy & Procedure Development



Regular Policy
Reviews



Stakeholder
Engagement



Best Practice
Benchmarking



Clear Communication
Channels



Integrating Global
Standards



Scalable Procedures

Meeting Challenges



Investment in
Cybersecurity



Strengthening Public
Relations



Partnering with
Industry Leaders



Regularly Updating
Business Impact
Analysis



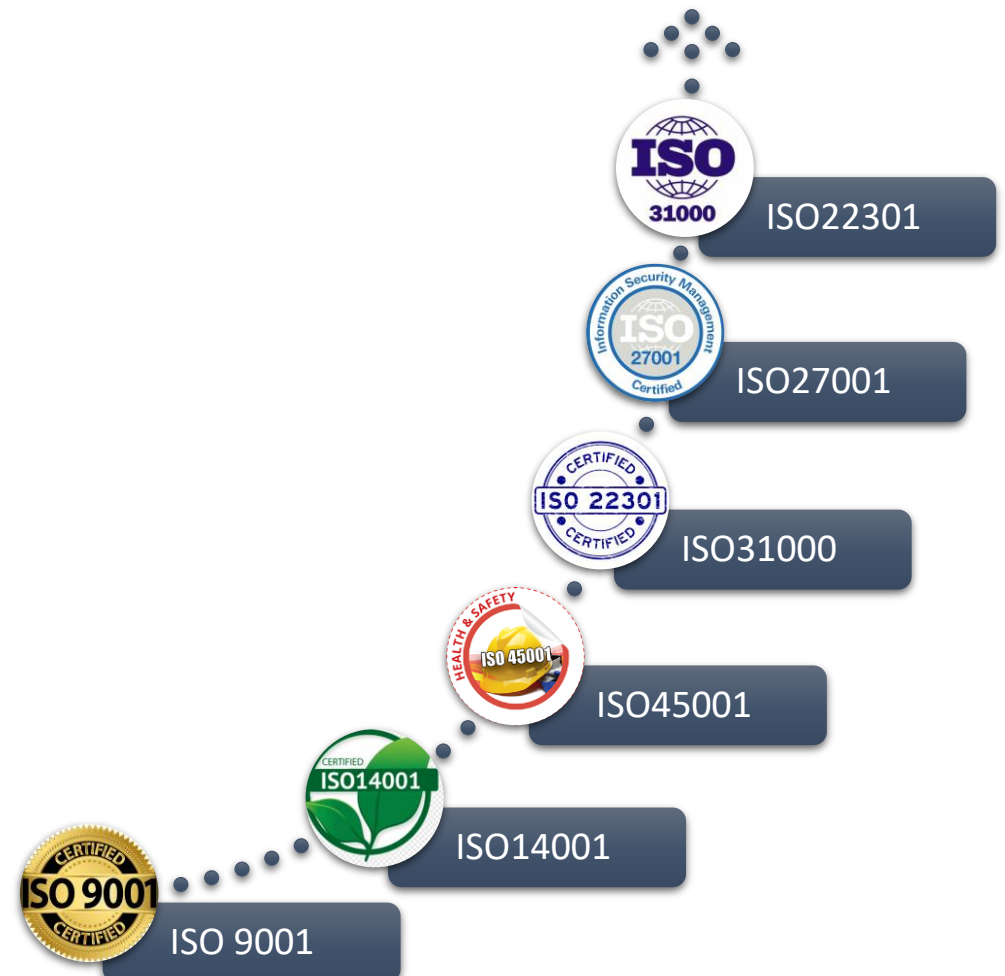
Engaging with
Regulatory Bodies



Promoting a Culture
of Preparedness



The road ahead Quality Management System



Process Approach/ Risk Management

Κρίσιμες Διεργασίες

Ιδιοκτήτης Συστήματος Μεταφοράς	Διαχειριστής συστήματος Διανομής	Ιδιοκτήτης Συστήματος Διανομής	Μη ρυθμιζόμενες δραστηριότητες	Διαχείριση Λειτουργίας και Ανάπτυξης Παραγωγής	Διαχείριση Η/Σ Βασιλικού	Διαχείριση Η/Σ Δεκέλειας
Διαχείριση Αγορών	Διαχείριση Πληροφορικής	Διαχείριση Διοικητικής Υποστήριξης	Διαχείριση Λογιστηρίου και Χρηματοοικονομική διαχείριση	Διαχείριση Προϋπολογισμού	Διαχείριση Νομικών θεμάτων	Διαχείριση Ανθρώπινου Δυναμικού

Κίνδυνος	Πιθανότητα Κινδύνου				
	Σχεδόν Απίθανον	Χαμηλή Πιθανότητα	Πιθανόν	Πολύ Πιθανόν	Σχεδόν Βέβαιος
	1	2	3	4	5
5	Ψηλός	Πολύ Ψηλός	Πολύ Ψηλός	Μέγιστος	Μέγιστος
4	Μέτριος	Ψηλός	Πολύ Ψηλός	Πολύ Ψηλός	Μέγιστος
3	Μέτριος	Ψηλός	Ψηλός	Πολύ Ψηλός	Πολύ Ψηλός
2	Χαμηλός	Μέτριος	Ψηλός	Ψηλός	Πολύ Ψηλός
1	Χαμηλός	Χαμηλός	Μέτριος	Μέτριος	Ψηλός



Conclusion

Adapting to a Changing World (Agility)

The Imperative of Preparedness

Collaborative Approach

Harnessing Technology

Long-term Vision

Call to Action



Thank you !

