



**SOUTH EAST  
ENERGY AGENCY**

# Cyber TTX Table-Top Exercise

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**DEPARTMENT OF ELECTRONIC  
ENGINEERING & COMMUNICATIONS**

**SOUTH EAST TECHNOLOGICAL UNIVERSITY**

[setu.ie](http://setu.ie)

**INSPIRING FUTURES**

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# SEEA: Driving Regional Energy Transition

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- **Focus**

- Monitoring Solar Rollouts
- Approving capital grant pipelines via SEAI
- Advancing Regional Climate Targets

- **Impact**

- *“committed to supporting every energy user in using energy more efficiently, monitoring energy use and towards a greater choice of renewable energy sources.”*

# SEEA: Driving Regional Energy Transition

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- **Mission Pillars**

- **Be the Trusted Intermediary**

- Acting as the bridge between the citizen and the broader energy system.

- **Empower Active Participation**

- Offering direct support to citizens, communities, and businesses so they can confidently navigate the clean energy transition.

- **Inclusivity**

- Prioritising the reduction of fuel poverty and ensuring no section of the community is left behind.

# SEEA TTX: Operations -vs- Governance

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- Exercising Corporate Governance under pressure
- Navigating Board Room Duties:
  - Loyalty, Care, Obedience, Accounting and Confidentiality
- Making Strategic Decisions with incomplete information

# SEEA TTX: Operations -vs- Governance

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**Today your Goal is not to fix a firewall problem.  
Your Goal is to manage the wider systemic crisis.**

# Thrustrusted Intermediary

## Public Funding

Direct data links to Local Authority Infrastructure (Carlow, Kilkenny, Wexford, Waterford Councils).

**Risk:** Municipal Network Contagion

## Private Contracting

Sustainable Energy Communities (SECs) & Commercial Installers.

**Risk:** Financial gridlock and stalled upgrade pipelines.

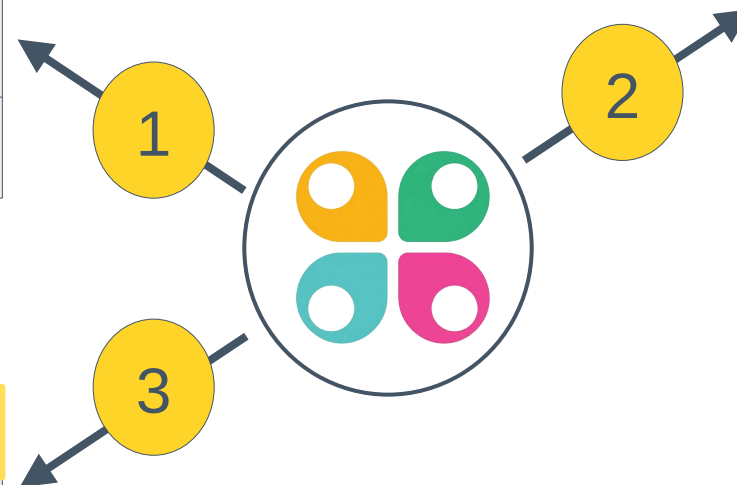
## National Resilience

Critical National Infrastructure (CNI) via SEAI / ESB Networks.

**Risk:** Blinding regional grid stability calculations.

## Takeaway

A disruption to your digital ecosystem is never your disruption alone.



# The 2026 Regulatory Environment



**72 Hours**

- Mandatory Breach Notification
- **Penalty:** €20m or 4% of turnover



**24 Hours (Early Warning)**

- 72-hour Incident Notification
- **Penalty:** €10m or 2% as Essential/Important Intermediary

**Cybersecurity is no longer an IT issue. It is a mandatory corporate governance obligation and legal responsibility for the board.**

## Board Accountability

Senior management must directly approve and oversee Risk-Management Measures (RMMs).

## Personal Liability

Under NIS2, management can be held personally liable for a failure to ensure compliance or implement risk frameworks.

## Enforcement Powers

Regulators possess statutory powers to mandate public disclosure of non-compliance, explicitly naming responsible individuals.

# Rules of Engagement

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1

## Accept the Premise

The scenario constraints are realistic. Accept them as facts; do not fight the technical nuances.

2

## Do not read ahead

The exercise simulates the fog of war. You will receive information dynamically via **Injects**.

3

## No solo decisions

No single director holds full control. Your strength relies entirely on integrating legal, local authority, financial, and communications perspectives.

# Board Persona / Role Matrix

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- **The Chairperson & CEO**
- **Local Authority Representatives**
- **Audit, Risk & Legal Committee**
- **Communications and Stakeholder Lead**

# Your Objective: The 4-Point Strategic Directive

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- **The Legal & Regulatory Compliance Line**
  - Explicit consensus on notification steps (NCSC, DPC) while protecting active forensic telemetry.
- **Financial & Business Continuity**
  - Emergency frameworks to bypass frozen grant pipelines and protect local contractor solvency.
- **Joint Stakeholder Communications**
  - A unified Single Voice Rule to manage information gaps and prevent municipal panic.
- **Post-Incident CNI Resilience**
  - A forward-looking blueprint mapping required architectural upgrades (e.g., Zero-Trust decoupled monitoring).

# Exercise Initiation

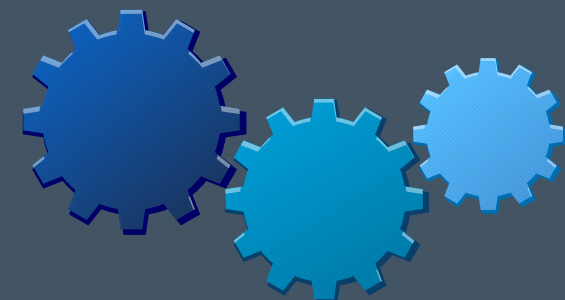
- Morning peak grant-application cycle.
- ISO 50001 cloud environments are locked.
- Links to councils and SEAI targetted.
- Financial records, Audits and Residential upgrade pipelines actively compromised.

**Commencing Inject 1:**

Operational Interruption &  
Trusted System Data Breach



The **72-Hour** Clock Begins now.

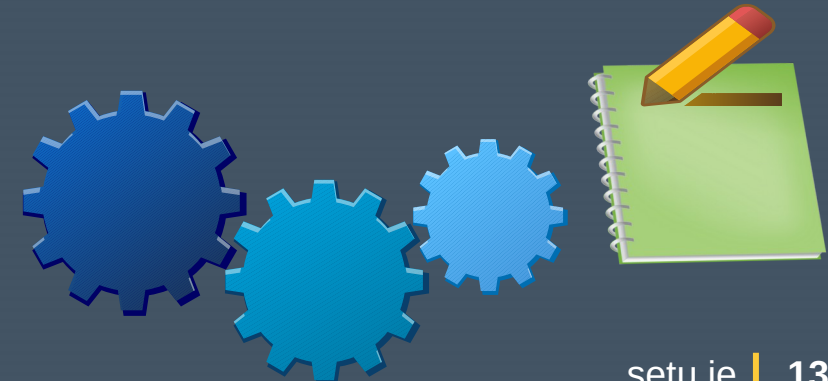


# Exercise Escalation

- €20M in pending capital project pipelines halted.
- Local media begin reporting on clean energy delays.
- NCSC suggest breach targets broader weaknesses across European municipal support networks.

**Commencing Inject 2:**

Financial Freeze and  
Regional Contagion



# Strategic Cyber Response, from Crisis to Resilience



## Manage the Regulatory Countdown

- Activate mandatory 24-hour NIS2 early warnings and 72-hour GDPR breach notifications to NCSC and DPC.



## Implement Financial Paper Bridges

- Establish manual, secure offline grant processing to keep contractors solvent and prevent €20M in regional projects from collapsing.



## Enforce the Single Voice Rule

- Route all media, SEEA and the County Councils, through a central crisis press room to prevent panic across the region.



## Architect for Zero-Trust Resilience

- Decouple auditing databases from financial pipelines and mandate strict identity verification for all future shared data links.



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# Thank you

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