ESG and Energy Management – What is expected and needed?





- What is it?
- What are the considerations?
- What does it mean to me?



ESG v's Sustainability



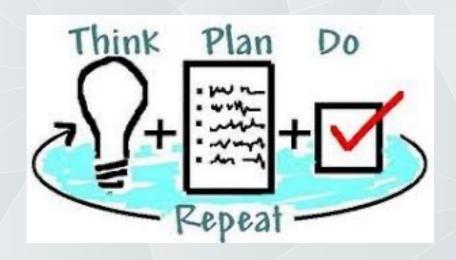
impacts a company, while sustainability focuses on how a company impacts the world.



Communicating your Sustainability Strategy



- What is your plan?
- Who are your team?
- What are your goals?
- Who are your stakeholders?
- What are you communicating what are your stories?
- How do you validate?
- Review / adapt / change.





Energy Management – What is expected and needed?





- War in Ukraine
- Reduction in gas supply
- Ireland's overdependence on fossil fuels
- Price hikes
- Fixed v's floating
- Duration of crisis?
- Lots of uncertainty

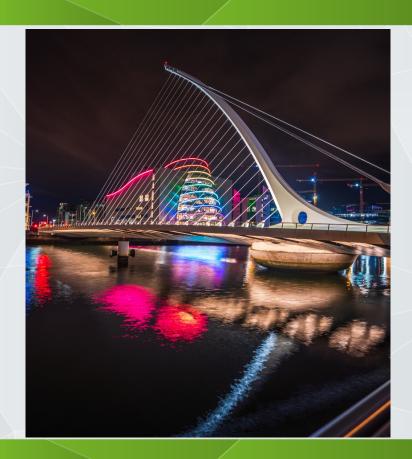








- 100% certified green electricity –
 consumption is c. 5,000,000 kWh p.a.
- 225 meters measuring, monitoring and analysing energy consumption in real time.
- Facilities controlled by a modern day BMS and managed in real time.
- Top class facilities partner CBRE.
- Data analysis leads to decisions.





THE CONVENTION CENTRE DUBLIN

Operational

- Energy champion
- Connected approach
- Data collection and analysis
- Positively challenge the norm
- Communication / Perception

Strategic

- Energy management part of a wider sustainability strategy
- Plant and building optimisation projects identified that harness emerging technologies



What you can't measure you can't

IMPROVE.

Project Example 1: Solar Power



- Solar power is the conversion of energy from sunlight into electricity.
- In 2017 we completed a feasibility study on the installation of solar panels on the rooftop to establish potential savings & opportunities.
- Technical desktop analysis showed a potential generation capacity of 89,000 kWh of electricity.
- However, our practical analysis should several issues (shading, safety, access to plant etc) meant that this figure was downgraded to 20,000kWh Project deemed not feasible.





Project Example 2: LED Lighting:

- All lighting points throughout The CCD 7,418 have been identified and evaluated on lighting type, quantity.
 and operating hours to establish kWh consumption.
- Highest use areas identified as a 2022 project as part of our Strategic Initiatives.
- In August 2022 The CCD completed the upgrade of LED
 Lights in our 2,000 seater Auditorium and foyer areas.
- SEAI granting was available and payback is calculated at 2.9 years.





Thank You