

The logo for Hospitality Expo 2022 features the text "HOSPITALITY EXPO 2022" in a bold, sans-serif font. "HOSPITALITY" is in blue, "EXPO" is in green, and "2022" is in blue. The text is centered within a circular graphic composed of a grid of small dots in shades of blue and green.

**HOSPITALITY  
EXPO 2022**

**Maurice J Bergin MSc FIHI**  
**Green Hospitality Programme**  
*Green Travel and Green Trading Company*  
*(Certification, Promotion, Advice)*



# Energy Management

## The Immediate Challenge

**300-500% increases in  
Energy Costs**

**Worries about security of  
supply**



# Energy Management

## The Good News

You can reduce your energy costs by up to 50%

Solar PV Planning requirements are no more





# Energy Management

## The Bad News

- Energy costs are still rising
- Carbon taxes will increase annually
- You can reduce your energy costs by up to 50%





**Liz Truss**

**Growth, Growth, Growth**

**Energy Management**

**Plan, Plan, Plan**

**Measure, Measure, Measure**





## My Questions to You

**How many of you present have a Real Time Online Energy Monitoring system in place?**

**How many of you have benchmarked your energy consumption and do this at least monthly?**

**How many of you have a written energy reduction plan with quantifiable targets and specific actions identified?**



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# Energy Management

## Who is in control of your Energy?

- Your Suppliers
- Your Employees
- Your Customers
- Your Machines/Systems

Or You

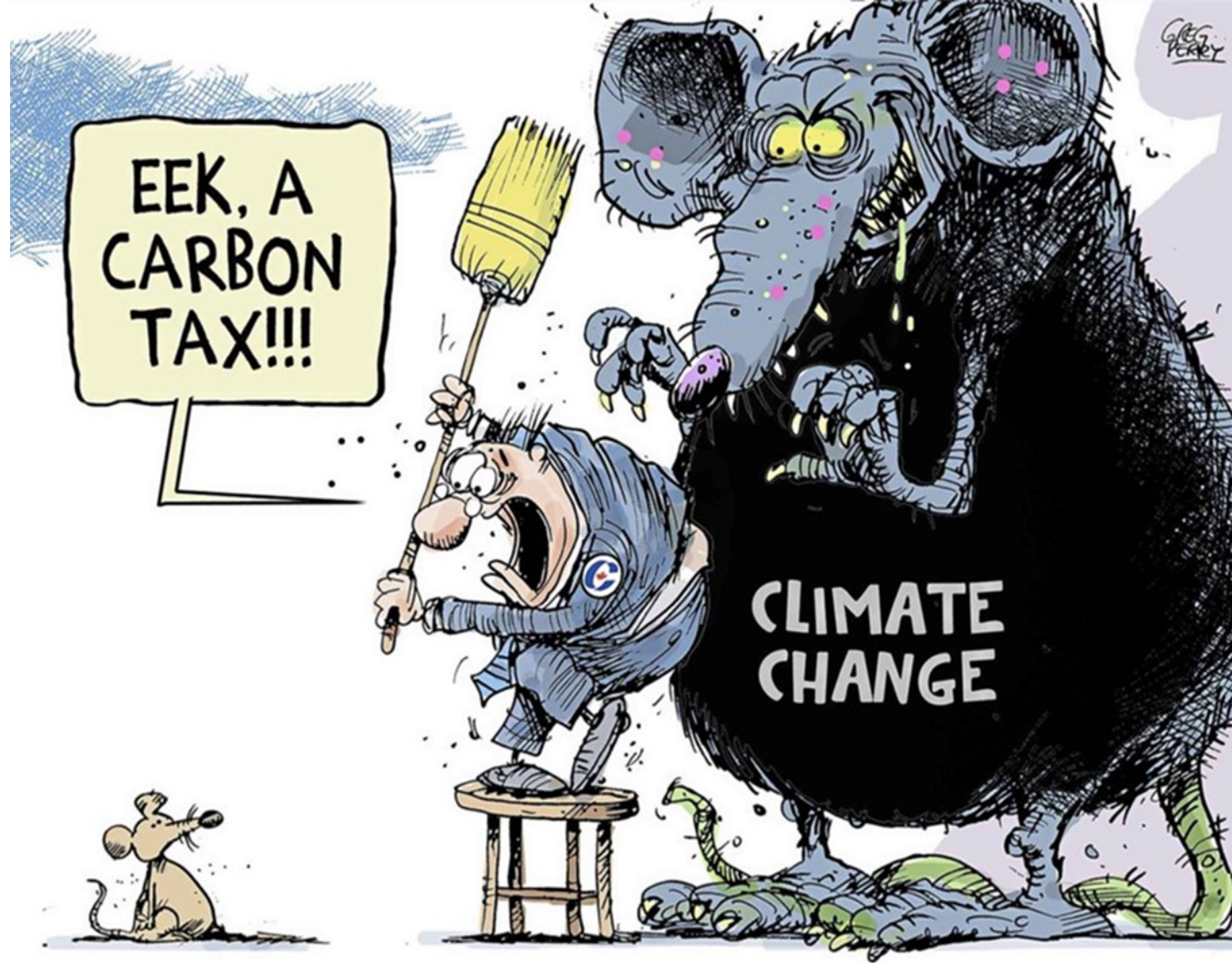




# Energy Management

Don't sweat the inevitable

Sweat the Asset





# Energy Management

These 3 items must be at the top of your list

- **Energy consumption monitoring**
- **Benchmarking / KPI's**
- **A Written action Plan**



# Energy Management

- **Google – 42 million hits**
- **SEAI – Academy, Good Practice Guides**
- **Failte Ireland – Guides**
- **HCR – Energy Guide**
- **IHF – Top Tips**



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# Energy Management

*Get some help*

- **SEAI Energy Audit Voucher**
- **Green for Micro Review**
- **EXEED Audit**
- **Independent Advice**



# Energy Management

## *Get some help*

### Independent Advice

- Be careful – understand its value if it is linked to some sales pattern
- Make sure it is in your best interests – Independent, best practice advice
- Monitor and measure its impact





# Energy Management

***Short Term Action – within the next 3 months***

- **Conduct a business Environmental Assessment - find out where you stand from a management perspective**
- **Benchmark your energy consumption – to national & international KPI's**
- **Write an Action Plan - Get 3<sup>rd</sup> party independent assistance to guide you in developing this**



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# Energy Management

## *Short Term Action – within the next 3 months*

- **Change 100% of your light bulbs to LED**
- **Remove external air heaters**
- **Walk through your business and agree on/off times and settings for each item of equipment**
- **Train all staff in those operating procedures**





# Energy Management

## *Short Term Action – within the next 3 months*

- **Install electricity online monitoring equipment and review data daily**
- **Get a Solar PV Quote – CAPEX and No CAPEX and Low Interest Loan options available**



# Energy Management

## *Short Term Action – within the next 3 months*

- **Review your heating/cooling timer's/system and reduce/change them**
- **Conduct regular daily business walk throughs to check that operating procedures are implemented**
- **Get a quote for other energy metering and monitoring requirements**





# Energy Management

## *Short Term Action – within the next 3 months*

- **Get a Quote to improve your room by room heating / cooling controls – wireless preferred**
- **Get a Quote for a Pool Cover**
- **Get a Quote to upgrade your Heating System**



# Energy Management

## *Short Term Action – within the next 3 months*

- **Replace all public taps with push button or sensor mixer taps**
- **Replace all public showers with push button / sensor and low flow**
- **Replace all bedroom showers with low flow**
- **Upgrade bedroom taps to low flow**



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# Energy Management

## *Medium Term Action – 3 months to 1 Year*

- **Install Solar PV**
- **Install Gas / Heating Online Monitoring**
- **Commence upgrade of Heating System & Controls**
- **Install a Pool Cover**



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# Energy Management

## *Medium Term Action – 3 months to 1 Year*

- **Improve in-house knowledge capabilities**
- **Update your Energy Reduction Plan**
- **Carbon Footprint your Business**
- **Develop your Carbon Reduction Plan – focus on Fossil Fuels**



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# Energy Management

## *Longer Term Action – Over 1 Year*

- **Keep updating your Energy Reduction Plans and targets and actions**
- **Share your story – employees, customers, stakeholders**
- **Implement additional Energy reduction actions**



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# Energy Management

## *Achieving that 50% Reduction*

- **Invest in your business heating & Hot Water production**
- **Invest in your people**
- **Invest in Information gathering**
- **Use expert knowledge available to you**



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**ESG IN TRAVEL & TOURISM**

***ENERGY MANAGEMENT – THE IMMEDIATE CHALLENGE***

***Q & A***

***Lets have them.....***