



WEBINAR: ENERGY & SUSTAINABILITY - THE NEED FOR DATA IN COMPLIANCE

OUR PURPOSE

IS TO HELP
CUSTOMERS
DELIVER PRODUCTS
THE WORLD CAN

TRUST

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NQA specialises in certification in **high technology** and engineering sectors.



AMERICA'S NO.1

Certification body in
Aerospace sector

GLOBAL NO.1

Certification body in
telecommunications and
Automotive sector

TOP 3 IN THE UK

ISO 9001, ISO 14001,
ISO 45001, ISO 27001

GLOBAL NO.3

Certification body in
Aerospace sector

CHINA'S NO.1

Certification body in
Automotive sector

UK'S NO.2

Certification body in
Aerospace sector

CERTIFICATION AND TRAINING SERVICES

We specialize in management systems certification for:



QUALITY



AEROSPACE
(QUALITY)



AUTOMOTIVE
(QUALITY)



ENVIRONMENT



ENERGY



HEALTH AND
SAFETY



INFORMATION
RESILIENCE



FOOD SAFETY



RISK
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MEDICAL
DEVICES

NATIONWIDE TRAINING SERVICES

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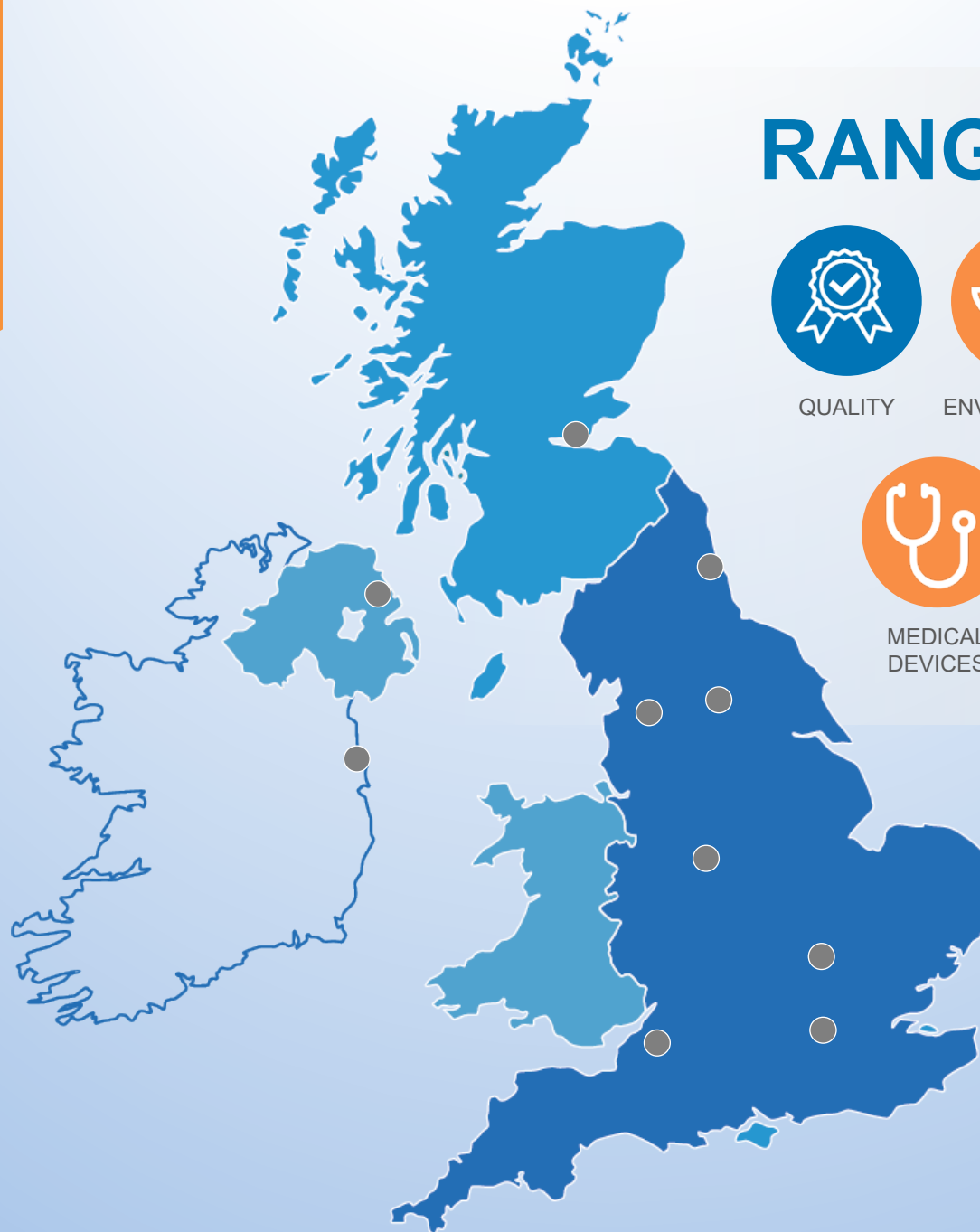
e-Learning /
Live Webinars



In-house
Training



Public
Training



RANGE OF COURSES



QUALITY



ENVIRONMENT



ENERGY



HEALTH AND
SAFETY



INFORMATION
SECURITY



MEDICAL
DEVICES



BUSINESS
CONTINUITY



AEROSPACE



INTEGRATED
MANAGEMENT

- **e-Learning** Introduction
- **1 day** Introduction Courses
- **2 day** Implementation Courses
- **2 day** Internal Auditor – NQA or IRCA
- **5 day** Lead Auditor – NQA or IRCA

 CQI |  IRCA
APPROVED TRAINING PARTNER





Sustainability – PAS 2060 Training

If you're starting to think about how to achieve your sustainability, net zero and carbon neutrality objectives, following this webinar book your place on our two day ***'Understanding and Achieving Carbon Neutrality'*** training course.

BOOK HERE



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KEY INFO

- 45 minute webinar
- Questions in the chat box
- Q&A at the end
- Recording of webinar circulated shortly

YOUR PRESENTER

Nick Linklater



Managing Director @ Green Team Consulting

Green Team Consulting

Nick Linklater

- Managing Director @ Green Team Consulting
- Over 20 years energy management experience

Independent Energy & Sustainability Consultancy

- We work with global business helping with energy, carbon and sustainability issues
- Specialist in supporting with management system installation and Energy & Carbon legislative compliance
- Data Specialists for energy and environment
 - But data is data to a degree!



- Delivering outsourced energy management to companies such as
 - Williams F1
 - Diligenta
 - CEVA Logistics
 - Clifford Chance
 - Virgin Management
 - Virgin Atlantic



Are we talking about “Big Data”?

Data is a pretty broad term!

- Big Data – *Takes time.*
- Structured or Unstructured – *Where is it from.*
- Timed Data – *Is this relevant?*
- Machine Data – *Digital Exhaust!*
- Open data – *Who is it for?*
- Real Time Data – *Do you really need?*
- Operational data – *Logs, Metrics, External data.*
- Unverified/outdated data – *Any Use?*

Start with a realistic goal of what you can do!

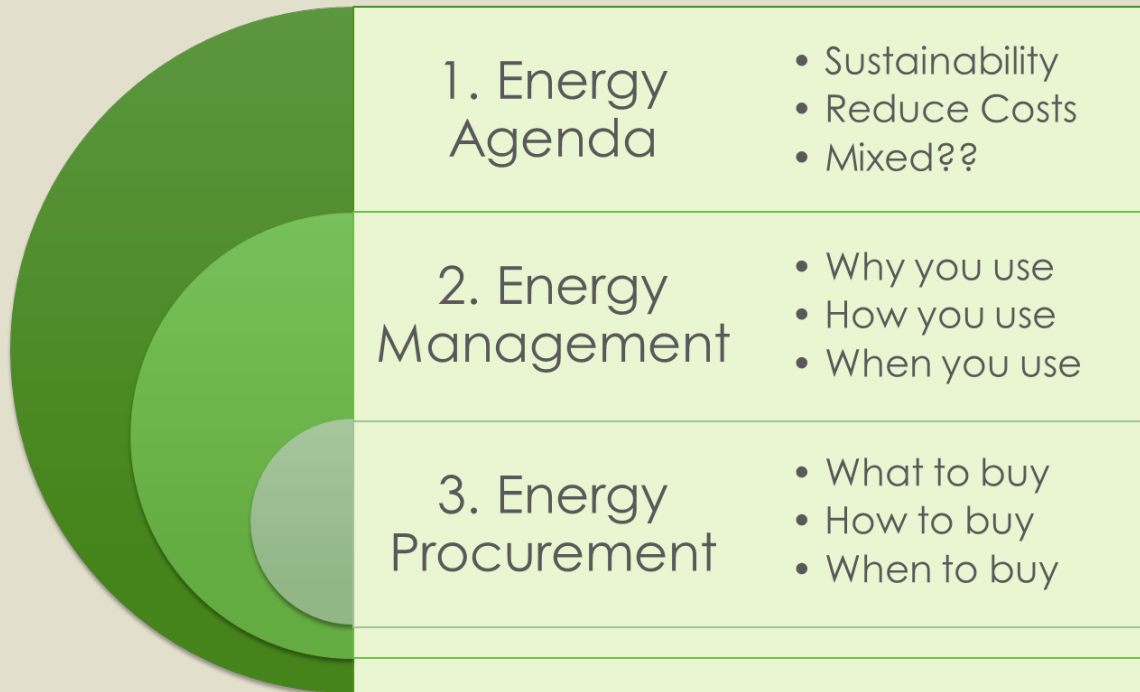
You can always move your goal posts.



The Value of Data

"The world's most valuable resource is no longer oil, but data"

The Economist – May 6th, 2017



A good data view will give you more control!

Energy/Sustainability Data

Considerations & Benefits



Utilities (Power, Gas,
Water)



Fuels (Petrol, Diesel, LPG,
Bio...)



Transport / Logistics
(Scope 3 perhaps)



Waste Streams
(Recycled, Non-Recycled,
Glass etc...)

- Discover how to organise for success and not just survive but thrive
- Leverage key data and analytics trends to drive business growth
- Create a strategy to innovate business and accelerate change
- Facilitate productive communication
- Mitigate Risk and improve financial planning/forecasting
- Customers are more environmentally focussed than ever before
- Have quantified/externally verified environmental data

Let's dive into reporting

Bespoke reporting can provide huge commercial & financial benefit to your business

- You can't manage what you can't measure
- Most businesses already have reporting requirements/parameters
 - Align any new reporting to these parameters
 - Likely find you stop doubling up on data
- Granular reporting is best way to evidence activity, issues & Improvements



Key Observations

Green Team has supported hundreds of companies to implement robust reporting mechanisms to meet a raft of different requirements;

- You simply cant manage what you cant see, so reporting should be designed to give you the raw data you need at the level of granularity required for your business
- Most successful reporting is unique! Don't rush, take time to design to the end user requirement
- Deep dive to understand what data you have or even can have
- Supplier selection should consider their ability to provide you with what you will need
- Language and graphic style designed to match your internal reports will significantly reduce duplication
- Many different elements can be reported on, from Fuels, waste to carbon..... But the requirement is always going to grow – Make reports scale able!
 - Scope 1,2 & in future 3 (For instance)





Reporting for Management Systems



THE BASIC PRINCIPLES OF PAS 2060

The standard sets measurement and reduction targets for any organisation. Through the examination of documents and plans, it then allows for a specific carbon neutrality statement to be fully verified.

The standard process is composed of 4 key stages >>>



- Measurement is the No.1 principle for PAS 2060 - Carbon Neutrality
- Document & Validate is the No.4 Principle
- Similar pattern across all Management Systems
 - communicate what you are doing
 - monitor and track progress
 - demonstrate impact/improvement
 - be accountable and transparent to internal and external stakeholders
- Improves integration of management system principles across businesses





Legislative Compliance

What you need, for what you need...

Understanding that same data is required for multiple purposes can save significant internal resource and time.

- Annual SECR
- ESOS Phases (Even with ISO 50001)
- Carbon Reduction Plan – Public Sector bidding
- Carbon Reporting – Scope 1,2 & 3
- Heat Regulations
- Climate Change Agreements (CCA)
- Energy Certificates – EPC/DEC
- Task Force on Climate-related Financial Disclosures (TCFD) – (FSC related)

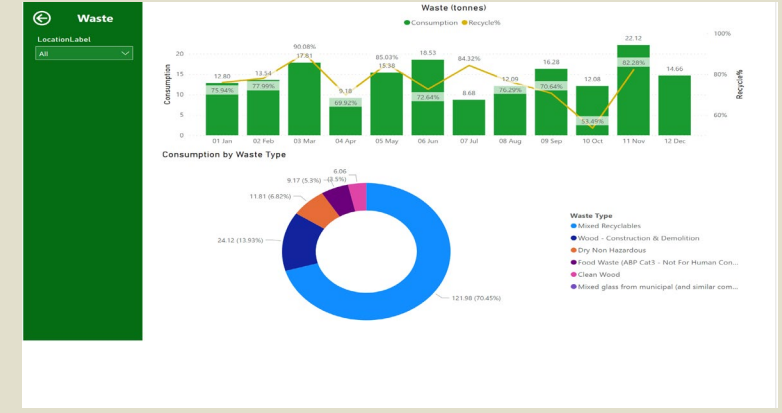
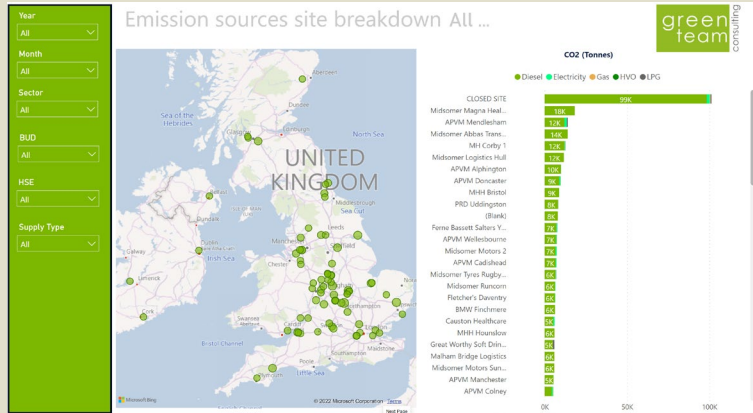
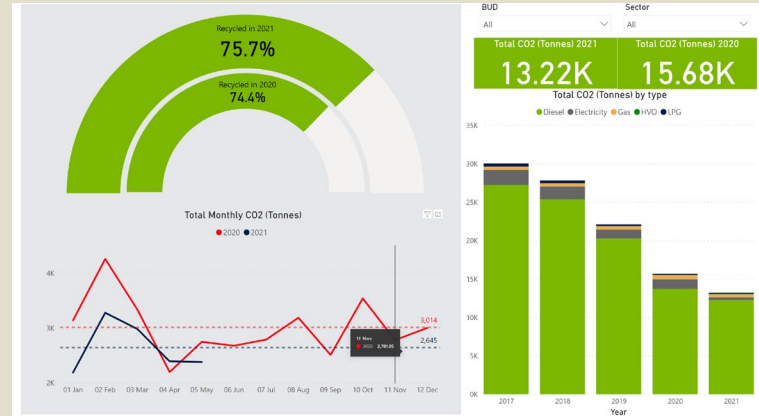
This is an ever increasing list and is only going to grow with the focus on “Net Zero”.



Green Team Consulting Bespoke Reports

green
team consulting

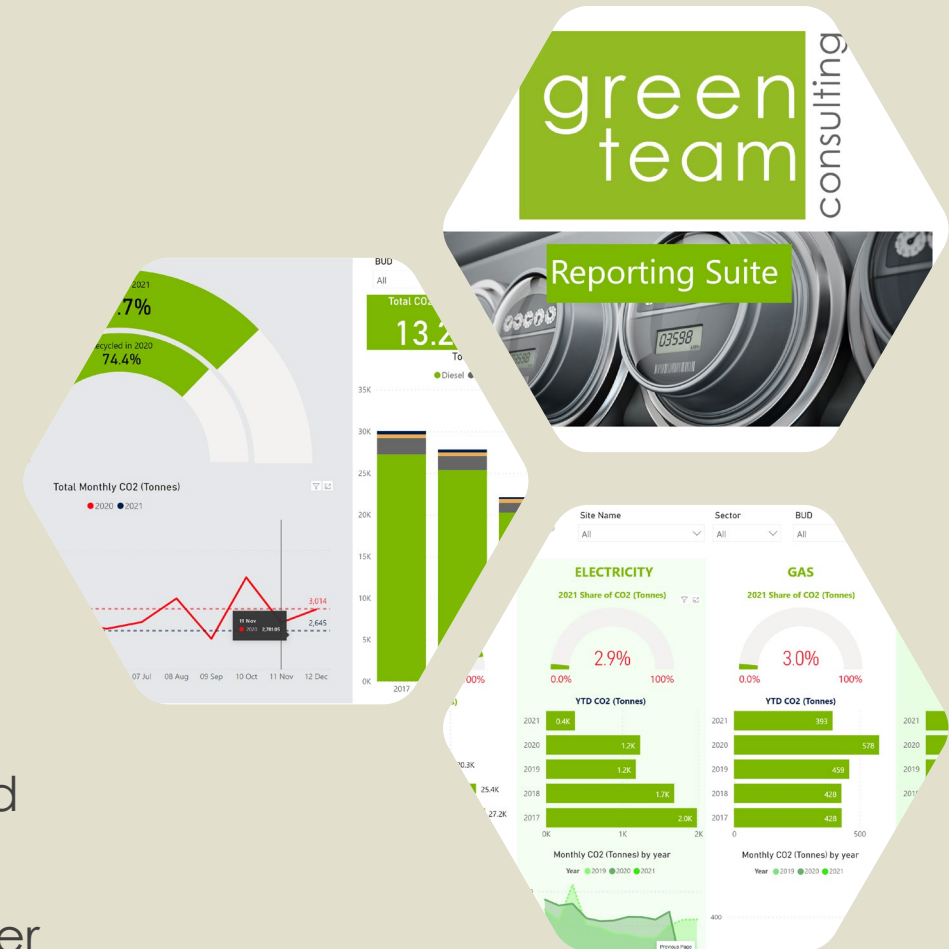
Reporting Suite



How we help?

Is your driver compliance, cost or carbon reduction?

- Help quantify what reporting is needed and for who & what
 - Complex structures etc..
- Define scope and route for project
- Select areas for reporting – *Buildings-Transport-Process*
- Stay on track for deadlines
- Collate required data and documentation
- Tie compliance into business strategy for better value
- Identify opportunities, improve reporting accuracy and widen the scope of reporting when possible
- Work with multiple suppliers to bring “Big Data” together





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Q&A





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THANK YOU

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