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Helping businesses to calculate, report and reduce carbon.



STEP 1 | LEARN & COMMIT



STEP 2 | CALCULATE & REPORT



STEP 3 | ACT



# Step 1



# IEMA Approved Training Courses



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## Climate Change: Risk, Opportunity and Business Resilience

Various; Newcastle - 22 Jan 2020 (AM), 21 April 2020 (AM), 14 July 2020 (AM) and 22 October 2020 (AM), London - 4 February, 2 June, 5 November 2020  
| Half Day

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## Carbon Champion: Carbon Footprinting, Management and Reporting

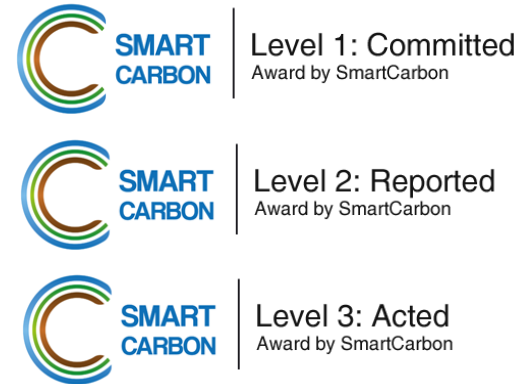
Various; Newcastle - 22 January 2020, 21 April 2020, 14 July 2020 and 22 October 2020, London - 4 February, 2 June, 5 November 2020  
| One Day

[Book Now](#) 

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## Example process:

1. Leadership
2. Decide on methodology
3. Assign responsibility and provide training
4. Set organisational boundaries
5. Set operational boundaries (i.e. scopes)
6. Identify your sources and collect data
7. Calculation of tCO<sub>2</sub>e (using conversion factors)
8. Report
9. Act to reduce
10. Verify (optional)



# Step 2

	Oct 18	Nov 18	Dec 18	Jan 19	Feb 19	Mar 19	
<b>Scope 1: Asset / Building Owned or Financially Controlled</b>							
<a href="#">Natural Gas burnt on site</a>							+
<b>Controlled/Owned Transport</b>							
<a href="#">Passenger car diesel - average car</a>							+
<a href="#">Passenger car petrol - Average car</a>							+
<a href="#">Passenger car unknown fuel - average car</a>							+
<b>Fugitive Emissions from Air Conditioning</b>							
<a href="#">R-404A</a>							+
<b>Scope 2: Asset / Building Owned or Financially Controlled</b>							
<a href="#">Green Tariff Electricity</a>							+
<a href="#">National Grid Electricity Consumption</a>							+
<b>Scope 3: Asset / Building Not Owned or Financially Controlled</b>							
<b>Business Travel in Vehicles Not Owned or Controlled by the Company (e.g. employee owned/car allowance/hire/rented)</b>							
<a href="#">Passenger car diesel - average car</a>							+
<a href="#">Passenger car petrol - average car</a>							+
<a href="#">Passenger car unknown fuel - average car</a>							+
<b>Public Transport used for Business Travel</b>							
<a href="#">Air Travel - Domestic</a>							+
<a href="#">Air Travel - Long Haul</a>							+
<a href="#">Air Travel - Short Haul</a>							+

# Step 3



# Example application of GHG Hierarchy



## GREENHOUSE GAS MANAGEMENT HIERARCHY<sup>1</sup>

### CARBON POSITIVE ACTIONS



- Marishal Thompson (acquired as a Division of UK Property in 2012) has previously planted over 2 million Native Broadleaf trees in the UK. This significant project was intended to contribute to enhanced habitat creation and biodiversity, but has also achieved the added benefit of carbon capture through sequestration as this planting vastly exceeds the rate of tree removal by the business which was approximately 2,000 p.a. during the period of planting (see Case Study 5 on page 26).

### AVOID EMISSIONS



- We are developing new, innovative, sustainable services which focuses on preventing certain property claims arising, therefore avoiding emissions associated with the claim handling process (see Case Study 17 on page 46).
- We have a target to investigate the feasibility of making home working more widely available, which would avoid emissions associated with the commute of those employees following the policy.

### REDUCE EMISSIONS



- Our Carbon Abatement Plan details actions with quantified reductions in emissions
- Our employee 'Introduction to Sustainability' e-learning course is a carbon efficient way to deliver training to our global workforce and the course content promotes energy efficient behavior.
- We encourage the use of teleconferencing services.
- In Germany, our vehicle leasing offers have been expanded to Category C and E low-carbon vehicles. As a result, we are in a position to offer environmentally friendly cars to all our partner companies as courtesy car options (non direct emissions).



# Example application of GHG Hierarchy



## SUBSTITUTE EMISSION SOURCES



- Our UK Property Division approved supplier network includes a contractual requirement for suppliers to measure and report their carbon emissions [see Case Study 14 on page 43].
- We are investigating opportunities to increase the amount of energy produced on site through renewables.

## COMPENSATE EMISSIONS SOURCES



- Our Gold Standard carbon offset credits compensate for 100% of our FY13, FY14 and FY15 revised total emissions. This is an Ashden Award winning clean cookstove project in Kampala, Uganda [see Case Study 7 on page 28].
- Planting trees has allowed us to compensate for trees removed though one division of our business [see Case Study 5 on page 26].
- Several of our offices (e.g. Stuttgart in Germany and Yarmouth House in the UK) purchase electricity from a green tariff.

## EMIT TO ATMOSPHERE

- The remaining scope 3 emissions are emitted to atmosphere. We are working hard to reduce this further.

# How we worked with suppliers

- Selected one division to pilot with
- Updated contracts and fee structure
- Ran supplier workshops
- Provided additional e-learning
- Provided support materials
- Provided access to SmartCarbon
- Monitoring dashboard
- Reports produced



# Benefits for members of the network

- Opportunity to be part of a network that collectively delivers meaningful reductions
- Praise profile of companies on the network
- Help scores when tender for other work
- Reports highlight opportunities for efficiencies and financial savings
- Support own initiatives (e.g. through EMSs/ISO 14001)
- Opportunity to promote good practice within own reports/website
- Recognition – logos
- Moral benefits

# Interviews - members of IG supply chain



[https://www.youtube.com/watch?feature=player\\_embedded&v=PmjQDQsvilU](https://www.youtube.com/watch?feature=player_embedded&v=PmjQDQsvilU)

# Example - North East Carbon Partnership

- Joint initiative administered by north-east based True North Sustainability and Forest Carbon Limited
- Open to any size business with a head office in the North East of England
- Each member to calculate and report their carbon footprint and commit to offset a minimum of 10% of their scope 1 and scope 2 emissions
- New woodland created in NE in line with the Woodland Carbon Code to offset 10% of total combined group footprint
- Promote staff engagement in sustainability by tree planting opportunities
- Support health and well-being by enabling on-going site visits to whole network of woodlands
- Signage on the gate with all logos of NECP members
- SmartCarbon logo issued to members (e.g. for use on website)
- Active group PR to raise the profile of companies in the network



Level 3: Acted  
Award by SmartCarbon

# Questions / comments?

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