

Route²Zero Overview

Increasingly the impetus to improve our sustainability performance and in particular carbon emissions will become more and more central to the way we manage, design, procure, build, maintain and work within communities

Understanding the science and global climate issues we face along with drivers that will demand, provoke or inspire us to change and improve the way we do things is central to R2Z.

Zero is used here in the context of *striving for zero*, as used in zero defects or zero accidents. It aims to address a route to build the capacity and capability to participate in a zero or low carbon industry.

Although the focus is on carbon emissions, as this is a topical focus to measure improvement, sustainability is a much wider issue, covering economic and social aspects as well as environmental.

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Route²Zero:

Is a structured facilitated approach to understand the factors that will shape the need to improve, creating a strategic route and action plan to move towards zero.

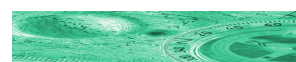
a continuous improvement approach, based soundly on the Plan Do Check Act concept using maturity matrices to map and monitor progress

builds capability and capacity to manage sustainability

builds on processes and systems already in place

does not dictate pace of action, but allows organisations to determine the pace of change within the context of their own external and internal drivers.

encourages both slow, step change and innovative, radical change.



Route²Zero Benefits:

being prepared in advance of customer or legislation requirements

an in house strategy for improving capability

evidence and visibility in addressing today's foremost issue

improving bid success potential

enhance market edge

reduce risks

develop and retain staff

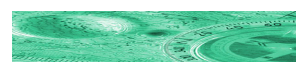
improved relationships through collaboration effort to address carbon issues

improved image and respect from staff, customers, community and industry

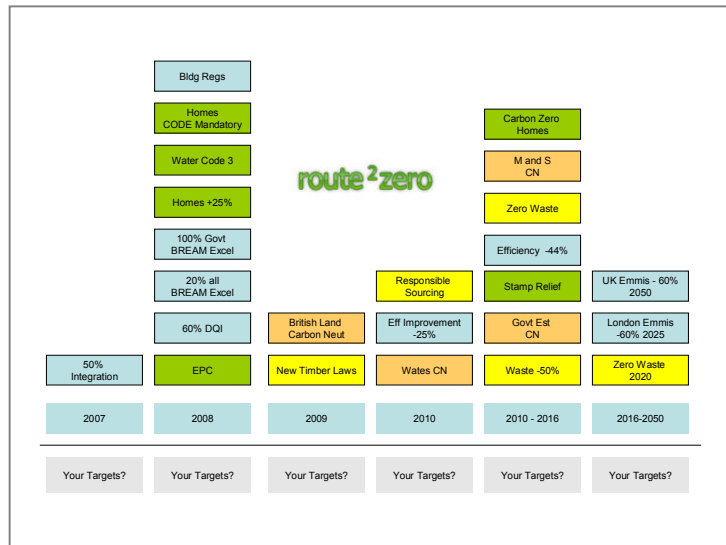
long term survival in a low or zero carbon future

Route²Zero Framework:

Plan	Step One Understanding the landscape and the key drivers of sustainability, climate change and carbon management	Generic and in context: Customers changing needs Legislation Industry targets Our people Our competitors Our shareholders Society and community
	Step Two Taking a panoramic snapshot, understanding where your organisation is today.	Where are we now?
	Step Three Mapping a way through, understanding what you need to introduce, change or improve to move forward.	What do we need to do ? What tools will we need? What skills do we need? What support do we need? When do we need to do it?
Do	Setting out, establishing a small team of people to drive	Embarking on the route to zero Addressing <i>this years</i> plan and target
Check	Checking map and compass	Checking direction and progress Enviro KPI's Aligning with the landscape
Act	Improve through learning, taking a look around the landscape to establish route ahead	Review and revise route Improve skills, tools and techniques Share



Route²Zero Understanding future drivers:



Route²Zero Sample Maturity Matrix:

	2008	2009	2010	2011	2012
Carbon Footprint	Understand our footprint	Actions to reduce	Carbon Zero		
People	Awareness Inductions Tool Box	New Skills			
Management	Include on board & project agendas				
Processes	Introduce sustainability process	Review current processes			
Waste	SWMP	Net waste	Zero Waste		
Material	Local source protocol	Reduction of fossil			
Energy	Energy Audits	% Renewables Office and projects	% micro generation office and projects		
Suppliers	Review on carbon and sustainability issues				
Innovation	Think different away days				
Review	End of year review				
Image	Promote our achievements and plans				

