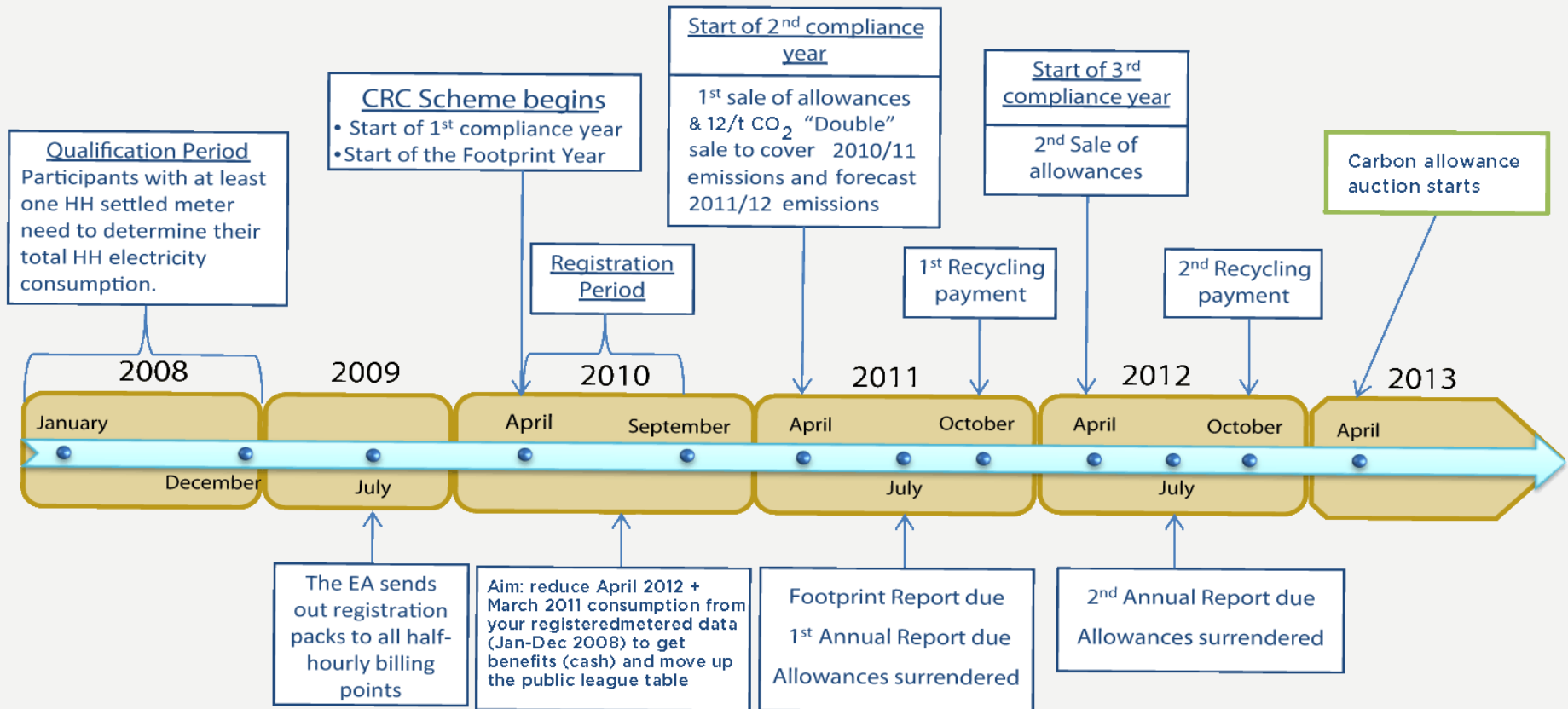


Carbon Reduction Commitment (CRC)



What is CRC?



Preperation 2007 - 2009

Consultation
and decisions on
detailed design

Use enabling powers
of Climate Bill to
Introduce Change

Set up of scheme;
Including identification
of participants

- 3rd consultation for CRC planned for February 2009
- User Guide to be published for participants in February 2009
- Registration period now 01 April '10 – 30 September '10
- 1st year of the scheme (Footprint Year) is April '10 – March '11. For this year, all participants need to monitor all energy sources and use this data to prepare footprint report to submit in July '11
- Companies included in the scheme are those with HH electricity use that exceeds 6,000mWh/annum throughout 2008. These annual consumption figures need to be submitted to CRC when the CRC writes to the respective companies in 2009.
- Schools need to submit data to LA who subsequently sends all data as required by CRC
- Independent (private) schools are included only if the highest parent organisation passes the CRC threshold of >6,000mWh/annum.

Exemptions

- Transport emissions
- Emissions covered by EC ETS
- Emissions covered by Climate Change Agreements (CCA)
- Subsidiary organisation with >25% energy use emissions covered by CCA (only relates to the subsidiary organisation)

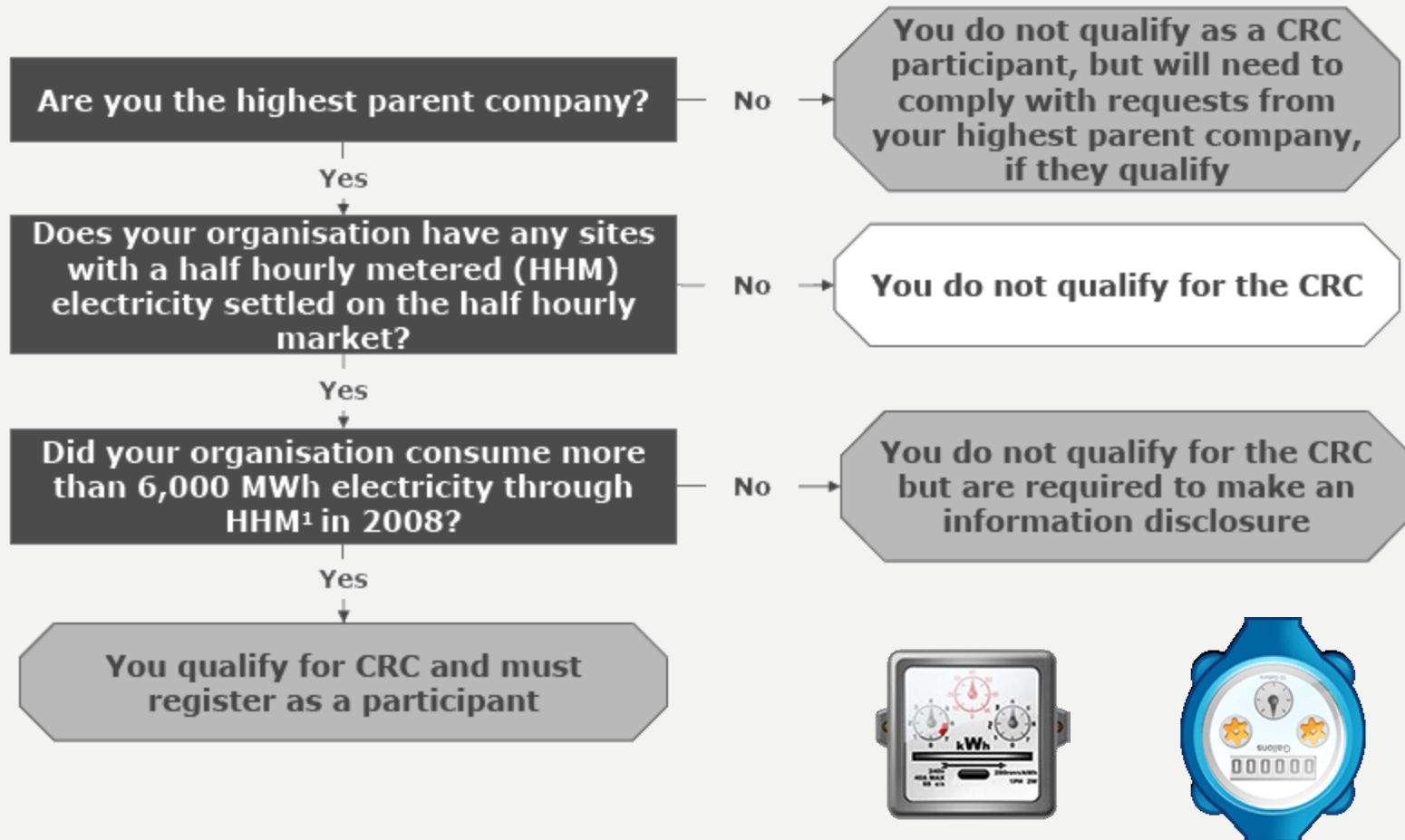


Scheme qualifications

- Consultation period and user guide February 2009
- Registration period from 1st April 2010 to 30th September 2010
- Monitor all energy sources and use this data to prepare a Footprint Report to submit by July 2011
- Schools in Great Britain will start in April 2010
- Allowance sales in 2011 for 2010 and 2011 use
- The first league table will be based solely on the early action metric
- Half hourly meters required for qualification on early action first league table.



Qualification criteria



¹ Includes: Mandatory HH meters, Voluntary HH meters, Remotely read AMR, Pseudo HH metering readings



Flexible de minimis source-based definition of emissions coverage

De-minimis rule: At least 90% of a CRC organisation's emissions must be covered by either CRC, EU ETS or CCAs

Compulsory coverage of all core emissions of the organisation:

- Electricity from 100kW half hourly meters in Great Britain (and 70KW meters in Northern Ireland)
- All electricity consumed through meter profile classes 5 – 8
- All non-daily metered gas consuming more than 73,200 KWh per annum
- Excluding emissions from:
 - Subsidiaries with over 25% of emissions covered by CCA
 - Emissions covered by EU ETS



Inclusion of other emissions sources is then required, if the de-minimis rule is not met through core emissions alone. Opting in/out of emissions sources for phase 1 based upon total emissions data for the 12 month period from April 2010 to March 2011 - to be reported in July 2011

The Performance League Table and revenue recycling

Revenue recycling will be based on an organisations' 2010/11 emissions plus or minus a bonus / penalty depending on position in the league table (which will also be published)



Carbon Reduction Commitment League table

[EXT024]	EA21	Robson & Co. Community Interest Company	17%
[EXT027]	EA21	Salsford Fisheries Services Community Interest Company	4%
[EXT028]	EA21	Harold Heath Community Interest Company	2%
[EXT029]	EA21	Black Youth Enterprise Community Interest Company	4%
[EXT040]	EA21	Black Lane Sports Association Community Interest Company	13%
[EXT041]	EA21	BBCC - Bristol Black Enterprise Community Interest Co.C	23%
[EXT042]	EA21	BBCC (Subs For BBE) Community Company Limited	11%
[EXT043]	EA21	Halifax First Community Interest Company	13%
[EXT044]	EA21	BBCC Yorkshire Community Interest Company	17%
[EXT045]	EA21	Black Six Community Interest Company	14%
[EXT046]	EA21	Dr. Ranganathan Community Interest Company	22%
[EXT047]	EA21	Blackie Health Community Interest Company	34%
[EXT048]	EA21	Home, Industry and Development Ltd Community Interest Company	23%
[EXT049]	EA21	Blackie 2 Africa Community Interest Company	63%
[EXT050]	EA21	Alton East Enterprise Partnership Community Interest Company	1%
[EXT051]	EA21	Black Yorkshire C.I.C.	13%
[EXT052]	EA21	Black Recycling Group CIC	12%
[EXT053]	EA21	ACE's High Olds Community Interest Company	13%
[EXT060]	EA21	ACE's Fair North Lincs Community C.I.C.	24%
[EXT061]	EA21	Black South Community Interest Company	12%
[EXT062]	EA21	Blackie FT Ltd Community Interest Company	13%

The Performance League Table position will be based on:

– **In-year absolute carbon reduction metric**, relative to five year rolling average since 2010/11



– **Growth metric**, change in emissions per unit turnover/revenue expenditure relative to five year rolling average since 2010/11



– **Early action metric**, including AMR and certification via The Carbon Trust Standard (only in introductory phase)



¹The first recycling payments will be based on the Early action metric only (as the other two metrics will effectively be the same for all)

What should organisations be doing right now?

- Review provision of AMR across your organisation.
(ESTA can provide further information: www.esta.org.uk)
- Monitor Electricity use
- Understand their carbon emissions abatement opportunities and start to implement these



Why do anything before 2011?

2008

- Qualification year
- Defra awareness raising activity

2009

- Consultation on draft CRC regulations (late autumn)
- Regulations come into force in October
- Identification of CRC participants

2010

- Introductory phase begins in April

2013

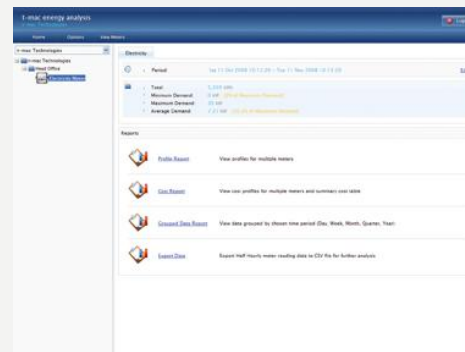
- First capped phase begins in April

2011



How t-mac helps

- Visual measure
- Audit trail documentation
- Reports for annual submission – evidence pack
- Reports for Corporate Sustainability Reports within the Organisation
- Sums up all sites consumption automatically
- Shows evidence of savings achieved to enable businesses to assess position on the public league table



How t-mac helps

Self Certification

- No third party verification required
- A number (~20%) of organisations will be selected for audit each year by the scheme Regulator

Emissions Reporting via an online Registry

Evidence Packs to be retained, to provide an audit trail

Two types of report:

- Once per phase – Preliminary Period Report (first on due 31st July 2011)
- To set emission coverage for the phase
- To demonstrate compliance with 90% rule
- To gain CCA exemption
- Annually – Annual Report (first on due 31st July 2011)
- Compliance with performance commitment
- Provide information for the League table



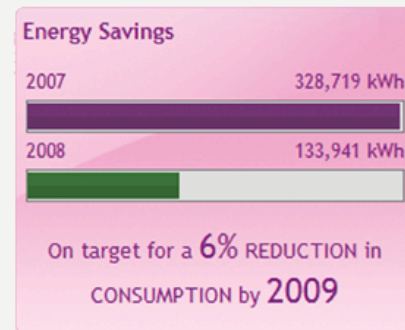
How t-mac helps

t-mac can actively assist business make the CRC legislation manageable by providing...

- energy data from all utilities at all sites, as well as breaking down on a site by site basis
- Invoice validation opportunities - client reads
- a live and online measure of carbon usage against carbon allowance purchased throughout the year co2 emissions calculations
- complete with benchmarks and weather compensation

for reporting...

- t-mac can assist with the reporting requirements for the CRC legislation, issuing automated documentation for businesses submission and evidence of compliance.



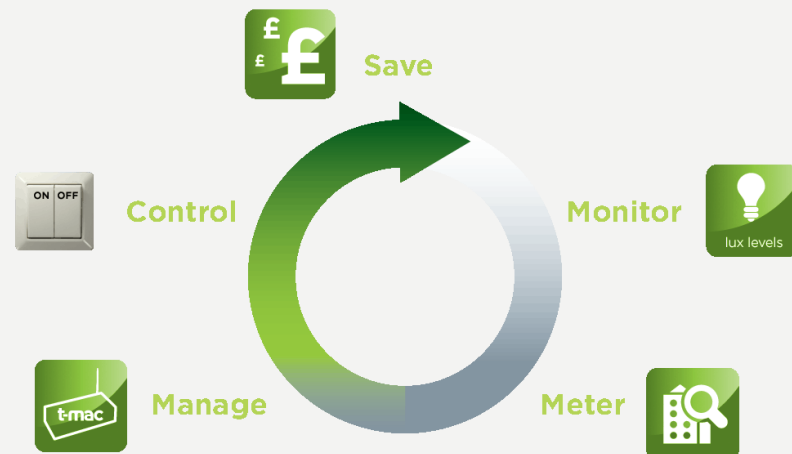
How t-mac helps

recommendations...

as t-mac provides more information on site activities (more than kWh data), It is a perfect portal for business to assess opportunities for improvements and therefore a reduction in CO2 emissions.

Through setting control tasks with t-mac to reduce excess consumption and waste (*boiler, lighting and air conditioning control*), businesses can establish a year-on-year reduction in purchased Carbon Allowance and hence cost.

**t-mac helps business
manage CRC legislation
requirements today and
CRC cost for the future!**



For more information



- Visit the CRC website (containing FAQs and detailed consultation documents and responses):

<http://www.defra.gov.uk/environment/climatechange/uk/business/crc/>

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