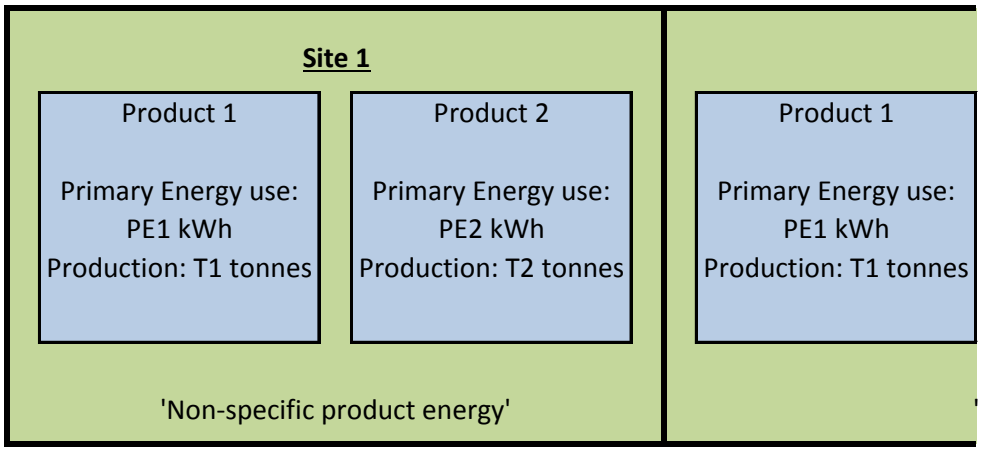
How to calculate a NOVEM target and work out if you'll be bette

Worksheet 1 - An example to illustrate why the NOVEM may be useful

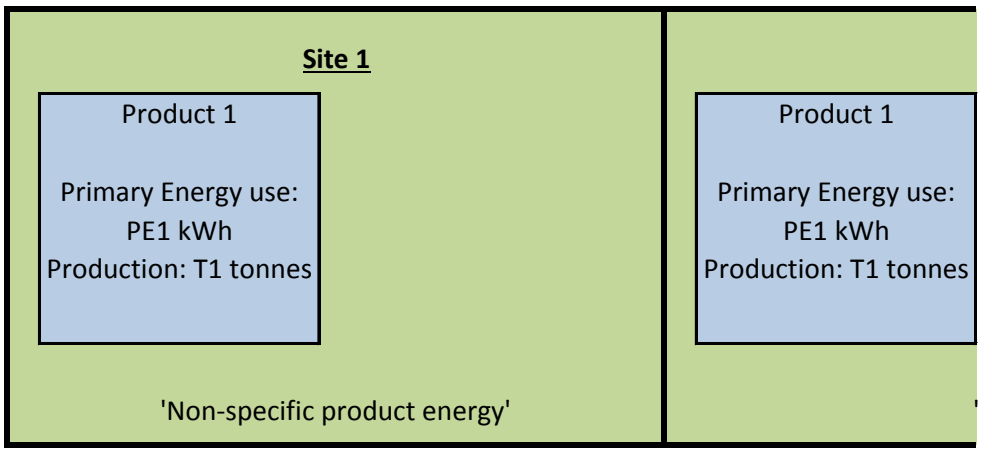
The diagrams below illustrate where energy is used across different sites within

Base Year situation:



'Non-specific product energy' - *This is the primary energy used across the remaining si be explained (e.g. split by proportion of total production). The primary energy use agai*

Target Year situation:



- In the example above, site 1 has stopped making one product since base year and site 4 has int No changes have occurred at site 2 whilst site 3 does not wish to break down it's products into
- If the new product at site 4 is very energy intensive (i.e. it uses a lot more energy for each tonn even though they have been implementing energy savings.
- The 'NOVEM' methodology considers the energy intensity of each product and for changes in v

If you want to switch to a NOVEM target, you must be able to:

- Identify the different product groups at the sites where you think it is needed.
- Quantify the tonnage for each product group in the base year and from the start of the
- Measure or estimate the primary energy used by each product group. Any energy not
- Retain an audit trail to substantiate any data provided)e.g. production records, copies

Please complete Worksheet 2 of this spreadsheet to check if a NOVEM would be goo

Please read Guidance Note 11 for further information.

er off

a CCA target unit (a target unit can be a site or an organisation with multi sites*).*

Site 2		Site 3	Si
Product 2 Primary Energy use: PE2 kWh Production: T2 tonnes	Product 3 Primary Energy use: PE3 kWh Production: T3 tonnes	All products Primary Energy use: PE1 kWh Production: T1 tonnes	Product 1 Primary Energy use: PE1 kWh Production: T1 tonnes
Non-specific product energy'		'Non-specific product energy'	'Non-specific

te, i.e. not exclusively for any product, and should be apportioned to each product. How this has been achieved should nst each product (e.g. PE1, PE2 etc) should include this non product specific energy.

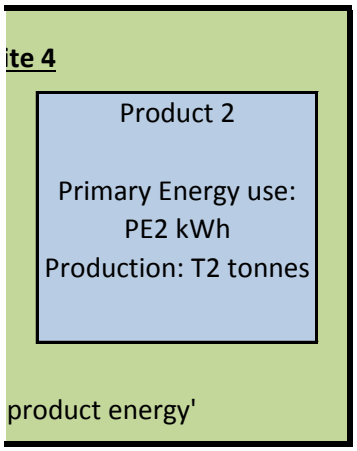
Site 2		Site 3	
Product 2 Primary Energy use: PE2 kWh Production: T2 tonnes	Product 3 Primary Energy use: PE3 kWh Production: T3 tonnes	All products Primary Energy use: PE1 kWh Production: T1 tonnes	Product 1 Primary Energy use: PE1 kWh Production: T1 tonnes
Non-specific product energy'		'Non-specific product energy'	'

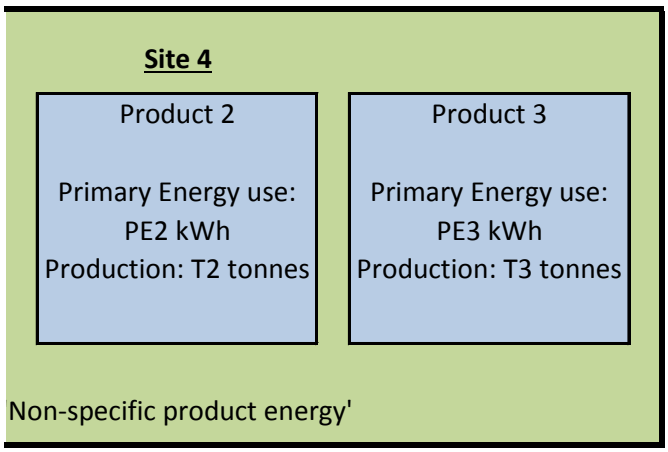
:roduced a new product since base year.
separate groups.
ıe it makes of this new product compared to the others), it may mean that the company misses its CCA target

olumes between the products.

: current target period onwards.
used specifically by any product group (e.g. offices) must be allocated to the different product groups
of estimations including assumptions made).

d for your company.


ite 4
Product 2
Primary Energy use:
PE2 kWh
Production: T2 tonnes
product energy'


Site 4
Product 2
Primary Energy use:
PE2 kWh
Production: T2 tonnes
Product 3
Primary Energy use:
PE3 kWh
Production: T3 tonnes
Non-specific product energy'

s in some way.