

6th National aM&T Conference

carbon reduction commitment

meeting the requirements for verification

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Objective 1: To cover the practical implementation of the Carbon Reduction Commitment

Objective 2: To highlight where automatic monitoring and targeting can ease compliance and provide opportunity

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Based on the current proposals, the evidence pack will include:

- organisation details (i.e. organisation name, contact details);
- annual organisation-wide CO2 emissions;
- annual organisation-wide AMR metric
- annual organisation-wide growth metric

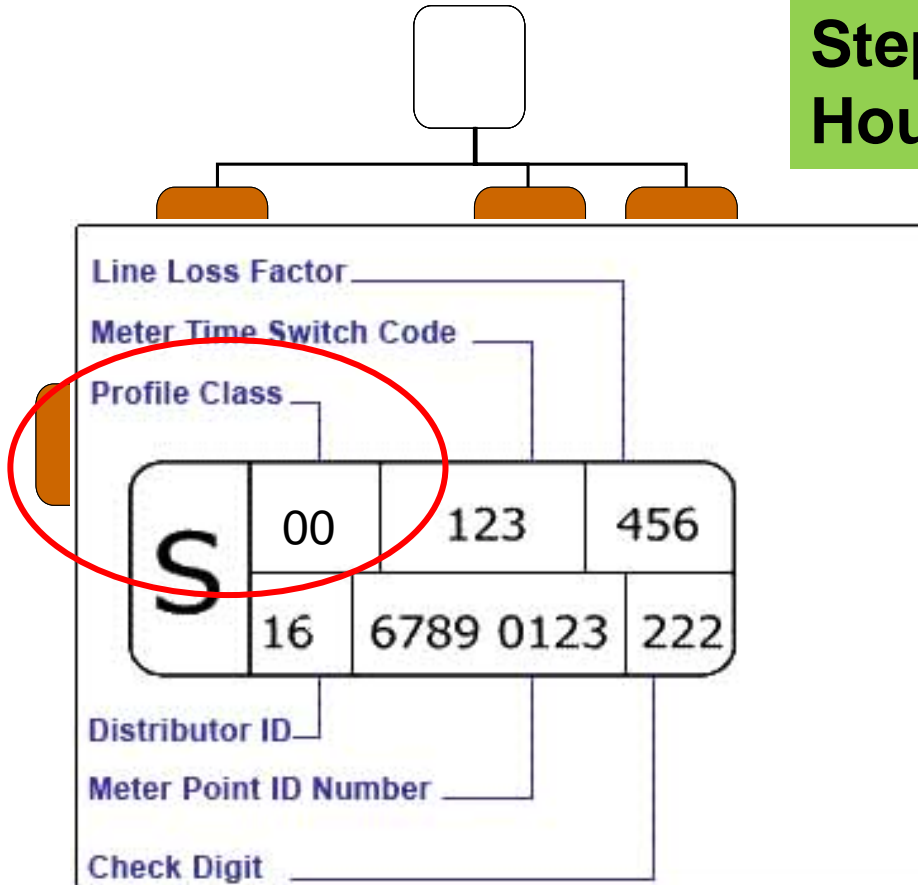
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Step 1: Define the organisation

Step 2: Identify Mandatory Half Hourly Metered Sites



Is total $> 6,000\text{MwH/pa}$
AND $< 25\%$ covered by
Climate Change Agreement?

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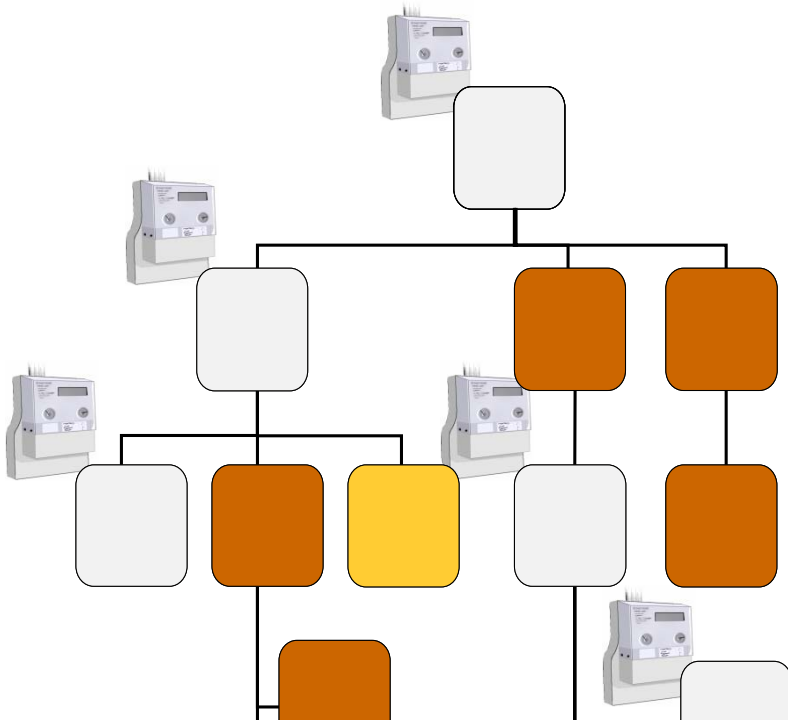
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Step 1: Define the organisation

Step 2: Identify Mandatory Half Hourly Metered Sites

Step 3: Define all utility information required

Step 4: Consider how information will be gathered?



- Non-mandatory HH metering
- Existing sub-metering **
- Supplier bills
- Manual reading strategies

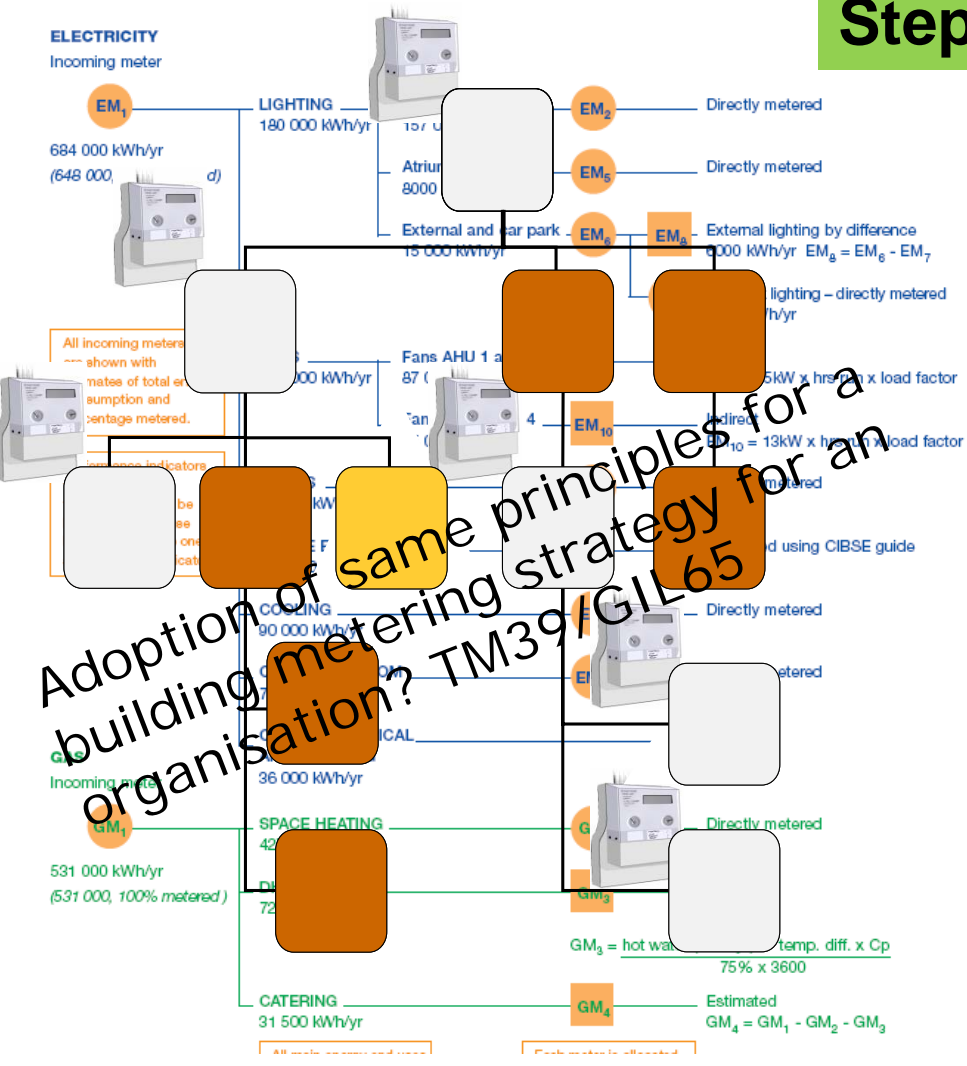
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Step 5: Overall Strategy

- Enables identification of total emissions from all sites/fuels



Adoption of same principles for a building metering strategy for an organisation? TM39/GIL65

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Implementation of a metering strategy through *aM&T*

- Lower admin cost through less resource
- Removal of room for error through estimation/manual read
- Possible early adoption bonus for league table
- Additional use of league table for internal use..

The objective of the Carbon Reduction Commitment is to reduce emissions; measurement is only the collection of data, the quality and availability of data will drive reduction targets

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In addition to the data;

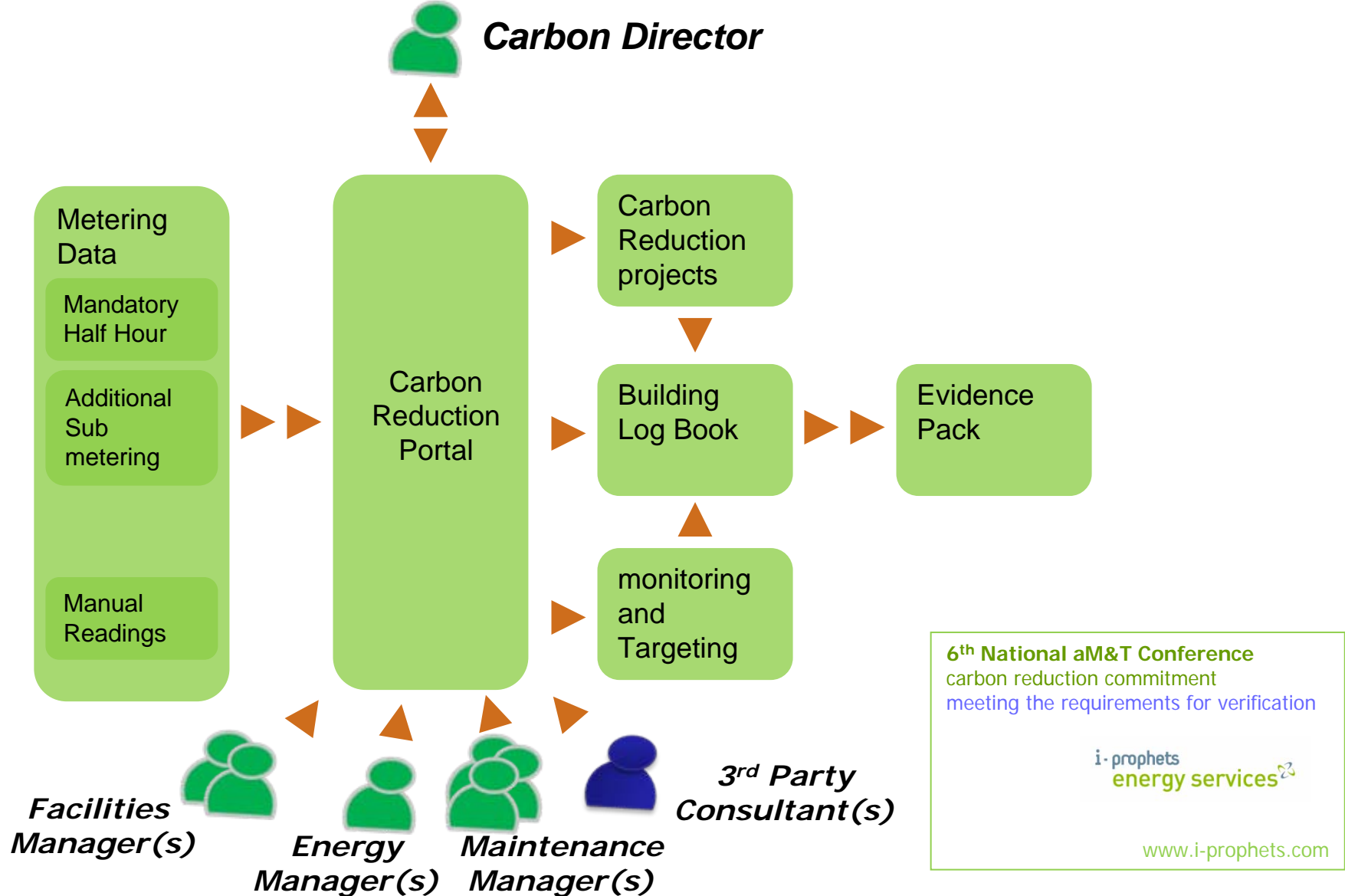
- Need to track growth metric
- Call to audit 'special events'
- Requirement to log meter breakdowns/gaps in data
- Changes to organisational change

How Practically?

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Possibility to utilise for a greater opportunity

- Production of Display Energy Certification
- Collation/Creation of Energy Performance Certification

With wider development to the core of an organisational wide Energy Management Strategy

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The Carbon Reduction Commitment is an **Opportunity** not a threat

- Quite daunting for multi site operations
- *aM&T* can provide a time and cost saver with additional benefits
- Building log books can provide an audit trail

Preparation is **THE** key factor

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