



Construction Site Impacts

ENVIRONMENTAL MANAGEMENT PLATFORM

CSI User Guides – Transport Meters - V1

How does the Transport Meters works?

Introduction

The CSI tool allow you to add as many meter as you like and cover many aspects of your site impacts such as:

- Electricity use
- Fuel consumption - From generators, heavy plant machinery and any other combustion engines.
- Transport- Here you can measure commercial transport to and from site as well as employees and subcontractors working on site. The site has a long list of transport modes to cover most travel.
- Waste – The tool measures the carbon emissions that arise from waste produced on site.
- Water – Water use on site activities

From “Site” page go and click on “Meters”

Properties		
TITLE Test site		
TYPE Buildings - Commercial Offices		
LIVE STATUS Live Site	MANAGEMENT STATUS Opened Site	START DATE 06/01/2014
DURATION (WEEKS) 53	NUMBER 0001	VALUE £ 1000000 [British Pound Sterling]

You will then be directed to the “Meters” page where you can see all the meters used on site.



“Meters” page

Adding a Transport Meter

METERS

DURATION (WEEKS) 53 NUMBER 0010 VALUE £1000000 [British Pound Sterling]

FLOOR SPACE (M2) 100 NUMBER OF UNITS 2

LOCATION London N7 9DP, United Kingdom

Meters

[+ Add Meter](#)

ELECTRICITY FUELS **TRANSPORT** WASTE WATER

Search: Show 10 entries

Identification	Last Recorded	Sum	Total CO2
No data available in table			

First Previous Next Last Showing 0 to 0 of 0 entries

Click on “TRANSPORT” and then on “[+Add Meter](#)” on the right hand side of the screen. You are then taken to the add transport meter page.

Properties

All fields marked with an * are mandatory information!

IDENTIFICATION * (?)

DESCRIPTION [IN ENGLISH] (?)

TRANSLATIONS

DEFAULT UNIT * (?)

SAVE

Fill out the identification and any description. Choose the default unit (either kilometers or miles). Once all fields are completed click on “Save”.

You have now added a new transport meter to the CSI tool and you will be redirected to the new “Transport Meter” page.



“Transport Meter” page

You are now ready to load transport values to the tool.

Transport			
0 Km	0 Km/m2	0 Km/£100k	0 kg CO2e

Now to input data click in the LOAD VALUES button on the left hand side menu. The tool will take you to the “Load Values” page where you can input your transport meter values.

“Load Values” page

All fields marked with an * are mandatory information!

Attention! You can upload data with dates within the valid load period paid for this site. The current valid time frame is from 01/01/2014 to 31/01/2014.

DATE * (?) 06/01/2014 PLATE NUMBER (?) DDEY214 TRANSPORT TYPE * (?) HGV - Diesel HGV Rigid >3.5-7.5t

INPUT TYPE ☒ Distance ☐ Location ROUNDTRIP (?) ☒

DISTANCE (?) 100 UNIT (?) Mile [Mile]

Loaded Values

	Date * (?)	Plate Number (?)	Roundtrip (?)	Transport Type * (?)
	06/01/2014	DDEY214	Yes	HGV - Diesel HGV Rigid >3.5-7.5t

100 Mile

SAVE

Select the date of delivery – input the lorry registration number and the transport type from the drop down menu.



To work out the distance between the origin and the site the tool gives you two options

1) You know the distance travelled.

If you know the distance travelled you should use the distance feature in the transport meter as follows:

- Check the distance icon. The tool ask if it is round trip, meaning that the delivery lorry returns to the warehouse (origin) after delivering the load.
- Input distance – click “Add” and “SAVE”

2) You do not know the distance travelled.

If they do not know the distance but know where it is coming from you can use the location feature in the transport meter as long as it is delivered by road.

- Click in location – check roundtrip and a map will be displayed.
- Enter the warehouse address or postcode and the map will display the location. A pop up screen with the location coordinates will appear click ok – click “Add” and “SAVE.”

The screenshot shows the 'LOAD VALUES' section of a web application. On the left is a sidebar with navigation links: PROFILE, METERS, DELIVERY-BLOCKS, SERIES, LOAD VALUES (active), TARGETS, PAYMENTS, CO2 EMISSION FACTORS, PERMISSIONS, and REPORTS. The main content area has a header 'Load Values' with a note: 'All fields marked with an * are mandatory information!'. Below this is an attention message: 'Attention! You can upload data with dates within the valid load period paid for this site. The current valid time frame is from 01/01/2014 to 31/01/2014.' The form includes fields for DATE * (?), PLATE NUMBER (?), and TRANSPORT TYPE * (?). Below these are radio buttons for INPUT TYPE (Distance and Location) and a checkbox for ROUNDTrip (?). A map shows a route from 'N7 8DB, United Kingdom' to 'Alden garden'. Below the map is a table titled 'Loaded Values' with columns: Date * (?), Plate Number (?), Roundtrip (?), and Transport Type * (?). The table contains one row of data. At the bottom right is a 'SAVE' button.

Date * (?)	Plate Number (?)	Roundtrip (?)	Transport Type * (?)
06/01/2014	DS345FD	Yes	HGV - Diesel HGV Rigid >17t

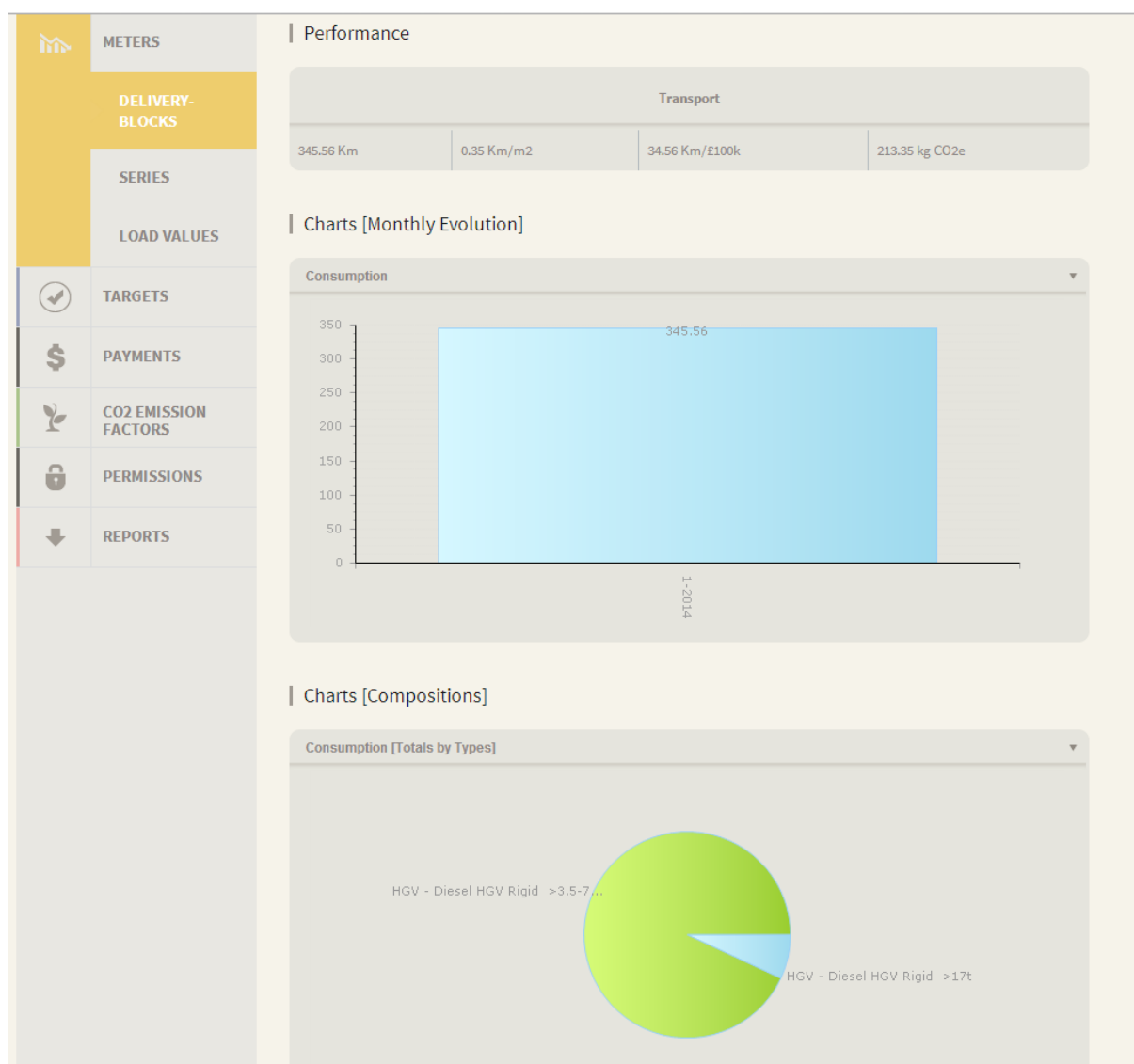
N7 8DB, United Kingdom 11.85km

SAVE



DISCLOSURE NOTE: All Google Map distances must be taken as estimations so SiteImpacts does not accept any responsibility that may arise for any inaccuracy from it use.

You are then back to the transport meter summary page showing the distance covered by the delivery and its emissions



Using “Fuel Meters” for Transport

If company has a fuel card (or fuel receipts) it is preferred to input the amount of fuel used in the fuel meter instead of the mileage covered and convert it to CO2 emissions as this would give a more accurate calculation..

If you have any queries please contact us via www.siteimpacts.com and we will be happy to help.