



WELSH HEALTH ESTATES
YSTADAU IECHYD CYMRU

NEAT

NHS
Environmental
Assessment
Tool

What is NEAT?

- Self assessment environmental review tool
- Environmental and Social Issues covered
- User friendly Excel based format
- Based on the BREEAM system

Aims

- Raise environmental awareness within NHS facilities and services
- Estimate the environmental impact of NHS facilities and services
- Seek to establish an environmental improvement programme.

Which Sites and Buildings can use NEAT?

- All existing healthcare sites and buildings regardless of type or size
- Any new build project
- Any refurbishment project

Technical Knowledge Required of Assessors

- Some knowledge of building services required
- Knowledge of environmental issues or measures is not essential
- Mostly simple YES or NO questions

Ratings

- FAIL,
- PASS,
- GOOD,
- VERY GOOD,
- EXCELLENT.

How can NEAT be used?

- Estimating environmental performance
- Specifying performance
- Monitoring ongoing performance

Which issues does NEAT cover?

- Management
- Energy
- Transport
- Water
- Materials
- Landuse and Ecology

Pollution

Internal Environment

Social

Operational waste

Management

- Commissioning
- Environmental management systems
- Education and training
- Purchasing policy

Energy

- Carbon emissions
- Heating and lighting control
- Energy monitoring
- Use of daylight
- Alternative electricity tariffs
- etc, etc

Transport

- Car parking provision
- Cyclists facilities
- Public transport nodes
- Distance to local amenities
- Green transport plan
- Compliance with controls assurance
- etc, etc

Water

- Leak detection
- Water meters
- Low flush toilets
- Grey water reuse
- etc, etc

Materials

- New build projects
 - ❖ Specification of building elements
 - ❖ Prohibition of hazardous substances
- Existing sites and buildings
 - ❖ Asbestos survey
 - ❖ Removal of asbestos

Landuse and Ecology

- Existing sites and buildings
 - ❖ Protection of ecological features
 - ❖ Introduction of natural habitats
- New build projects
 - ❖ Use of contaminated land
 - ❖ Change in ecological value

Pollution

- Pollution monitoring
- Ozone depleting substances
- Noise pollution
- Incineration practices

Internal Environment

- New build projects
 - ❖ Budget for living plants
 - ❖ Views out
- Existing sites and buildings
 - ❖ High frequency ballasts
 - ❖ Signage
 - ❖ Décor and art

Social

- Links with community
- Links to Local Agenda 21
- Sharing of facilities
- Staff and patient empowerment

Operational Waste

- Provision of recycling facilities
- Waste stream analysis
- Staff waste interviews
- Storage for recycling
- Compliance with HTM 2065

Using NEAT

Welcome to N.E.A.T. - NHS Environmental Assessment Tool

NEAT

In order to carry out an assessment, details of the NHS site you are completing the assessment for, will be needed. Building names and their total floor areas must be inputted before the assessment can be started.

You will be asked a series of questions about your buildings and site. These are designed to be easy to understand and quick to answer. Against each question, you will also be asked for a brief validation of the answer given.

[Edit an Assessment](#)

The aims of NEAT are to:

- Raise awareness of environmental issues within NHS facilities and services; and*
- Estimate the environmental impact of NHS facilities and services.*
- Seek to establish an environmental management programme.*

The results, based on the data inputted, will be used to estimate the environmental impact of the Trust.

[Begin a New Assessment](#)

Click here to edit an existing assessment

Click here to begin a new assessment.

First Data Entry Form: New build

Where do you want to save your work?

What do you want to call the file?

Enter building names and floor areas.

NHS Environmental Assessment Tool - New Build Data Entry Form

If you do not have a folder called "neat" on your C: drive enter the name of the directory in which you wish to store this assessment

Input the site code where the new building is to be built. This can be acquired from the sites Facilities Manager

Input building name

Input area of building(m2)

Next Building

Click this button once the building area

If there are a number of options that are to be assessed you must enter the option number here.

Begin Assessment

This will allow you to identify a number of revisions

Click here to proceed

Menu Screen

This shows the rating achieved

This table shows the percentage required to achieve each rating

These are the navigation buttons

Click this button to show the chart.

Environmental Assessment Tool

NHS Estates dti

This is an assessment of **SiteName**
This is a site within **TownName**

	Score	Weighting	Weighted score
Management	0%	15	0.00
Energy	0%	15	0.00
Transport	0%	10	0.00
Water	0%	5	0.00
Materials	0%	5	0.00
Landuse/Ecology	0%	10	0.00
Internal Environment	0%	15	0.00
Pollution	0%	10	0.00
Social	0%	10	0.00
Operational Waste	0%	0	0.00
Total		0	

Rating: **Fail**

Total Score: **0**

Print Criteria and Guidance | Email Results

You have entered 0 Unit Names

Chart | Menu | Management | Energy | Transport | Water | Materials | Landuse & Ecology | Pollution | Internal Environment | Social | Operational Waste

%	Rating
0	Fail
more than 25	Pass
more than 40	Good
more than 55	Very Good
more than 70	Excellent

Existing Site		ISLAND SITE		Version 2.0	Area of Units (m2)
Internal Environment Credits				NHS Estates BRE The Assessment Agency of the Department of Health	66814
NEAT NHS Environmental Assessment Tool					
Credit Title	COMPLIANCE GUIDANCE	Question to be asked	Response	MRI	
Green Plants	The provision of plants within healthcare facilities has been provided to enhance patient wellbeing.	Who is responsible for administering the provision green plants within the units?	no		
Problem Odours	One credit will be awarded where key odour problems have been identified and an action plan is in place to address them.	Who is responsible for administering the budget? Have key odour problems been identified and is there a prioritised action plan for dealing with the problem odours?			
		Where are details of the problem odours and the action plan documented?			link to PEAT action plan
Clear Signage	One credit will be awarded where signage follows Dept. of Health & NHS Estates requirements. Guidance can be found within NHS Estates publication "Wayfinding". This is available from NHS Estates.	Does signage follow Dept. of Health & NHS Estates requirements? Who is responsible for signage?	no		colour map provided
Décor and Art	One credit will be awarded where there is the use of appropriate internal décor and art to suit function and aid patient wellbeing.	Has the design of internal décor and art taken into consideration function and patient well being? Which member of the design team was responsible for this?	yes		link to PEAT action plan - not design team member - Val White
		Total overall score	1	2	3
		50%	0		50%
Number of credits			6		100%
					60%

Guidance button

Site and Unit details

Simple Yes/ No question

Credit name and reference

Validation question

Compliance guidance notes

This percentage shows the weighting according to the area of each unit each unit before any weighting

Existing Site Internal Environment Credits		ISLAND SITE	Version 2.0	Area of Units (m2)
				66814
Credit Title	COMPLIANCE GUIDANCE	Question to be asked	REBUZY	MRI
	The provision of plants within healthcare facilities has been proven to enhance patient wellbeing.	Is there a budget for the provision of plants within the units?	no	
		Who is responsible for administering this budget?		
	One credit will be awarded where key odour problems have been identified and an action plan is in place to address them.	Have key odour problems been identified and is there a plan for dealing with odours?	yes	
		Where are details of the problem odours and the action plan documented?		link to PEAT action plan
	One credit will be awarded where signage follows Dept. of Health & NHS Estates requirements. Guidance can be found within NHS Estates publication "Wayfinding". This is available from NHS Estates.	Does signage follow Dept. of Health & NHS Estates requirements?	no	
		Who is responsible for signage?	colour map provided	
	One credit will be awarded where there is the use of appropriate internal décor and art to suit function and aid patient wellbeing.	Has the design of internal décor and art taken into consideration function and patient well being.	yes	
		Which member of the design team was responsible for this?		link to PEAT action plan - not design team member - Val White
Total section score		Total overall score 50%	Unit Score This percentage shows weighting according to the area of each unit each unit before any weighting	2 3 50% 100% 60%
Number of credits in section		6		

Guidance and navigation buttons

Yes, No and N/A answer buttons

Unit related answer

Site related answer

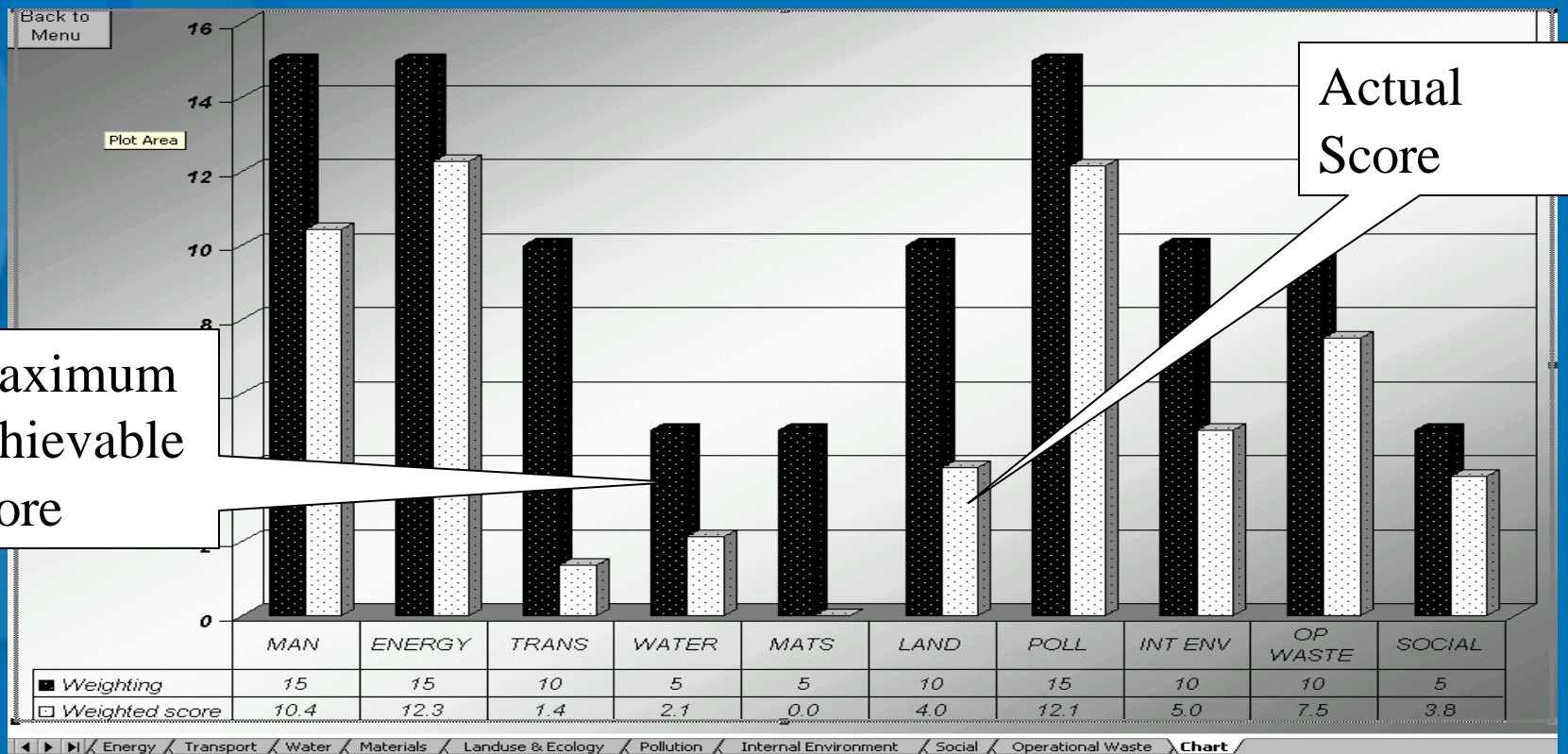
Weighting factors

Total section score

Number of credits in section

Unit Score

Score Chart



Maximum achievable score

Actual Score

Existing Site		ISLAND SITE	Version 2.0	Area of Units (m ²)
Management Credits			NHS Estates BRE	66814
NEAT NHS Environmental Assessment Tool		Show Guidance Back to menu Next Section		
Credit Title		Question to be asked	RBUZY	MRI
Man (a)	Environment award	Is there an award scheme for individuals who have made an improvement to environmental performance in some way?	no	
		What is the name of the award scheme?		
Man (b)	Environmental targets	Have environmental targets and objectives been agreed as part of an ongoing programme?	no	
		In which document are these targets and objectives recorded?	policy in draft form	
Man (c-g & k)	Site wide Management	This is calculated on a separate worksheet according to the percentage of each initiative that has been completed.	8	
		Access the calculator by clicking on the button.	CLICK HERE for Site wide management initiatives	
Man (h)	Environmental key performance indicators	Are key performance indicators of environmental management used at all levels?	yes	
		In which document are the indicators and associated review procedures described?		
Man (i)	Environmental Impact of Supply Chain	Are manufacturers, suppliers and contractors encouraged to provide environmentally preferable goods and services?	no	
		In which document or file can examples of these specifications be found?		

To hide guidance click here

To go to management calculator click here

Carbon Calculator

NHS Environmental Assessment Tool - Energy Calculation Sheet



Site Code

The Energy use in the boxes immediately below should be in GJ per year.

Total Electric	Total Gas	Total Oil	Total Coal	Total Steam Energy	Total Hot Water Energy
<input type="text" value="140110"/>	<input type="text" value="259874"/>	<input type="text" value="0"/>	<input type="text" value="0"/>	<input type="text" value="0"/>	<input type="text" value="0"/>

The Energy use in the boxes immediately below should be in Kwh per year.

Generated Electric	Exported Electric	Exported Heat
<input type="text" value="0"/>	<input type="text" value="0"/>	<input type="text" value="0"/>

If there are figures in the text boxes above you do not need to enter any details. Click the button below to return to the energy credits. If there are no figures in the boxes you can enter your own energy figures these must be actual energy figures.

[Back to Energy](#)

NEAT in Use

- A NEAT standard of excellent has been set for major new NHS buildings in Wales.
- Obtaining an excellent score can be problematical for refurbishment projects.
- Some initial problems but generally easy to use.
- Accountability at all stages of a project needs to be strengthened.
- Not always applicable to smaller projects.
- New version is proposed to increase accountability and a separate version for smaller projects is a possibility.



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