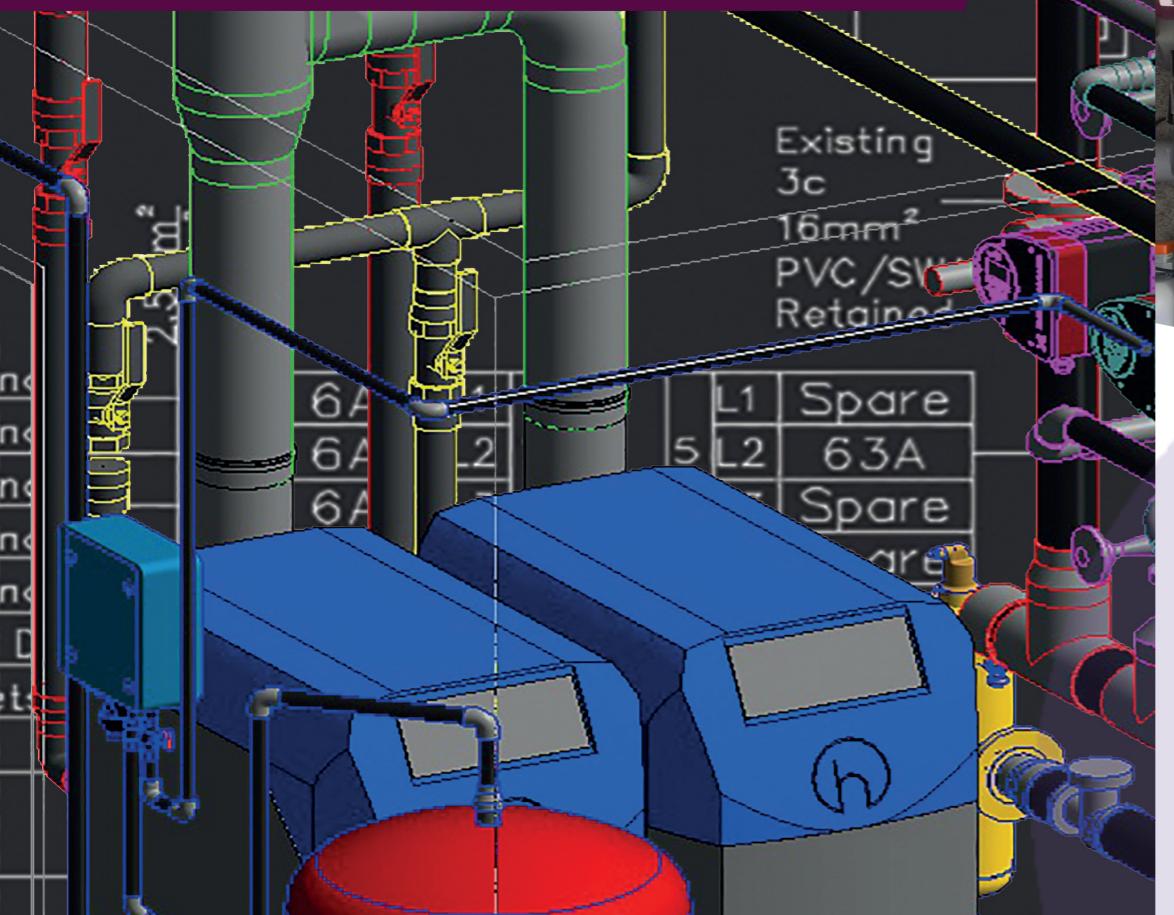


## Mechanical & Electrical Building Services



'bringing buildings to life'

[www.ygc.cymru](http://www.ygc.cymru)



YGC is a multidisciplinary consultancy providing innovative and sustainable solutions for the built environment.

Our team of M&E Engineers and Technicians is highly experienced in the design and delivery of the full scope of engineering services that bring life to your buildings. Our commitment to Continuing Professional Development (CPD) ensures compliance with current standards and the utilization of the very latest technology when preparing designs.

Careful scrutiny at the commissioning and handover stages ensures that projects are delivered to the expected standard, and that the engineering systems operate within the intended parameters.

Our investment in information technology and training allows us to offer the very latest Computer Aided Design services, ensuring full integration of architectural and engineering design.

We have proven experience across a range of sectors including: Education, Health, Housing, Leisure, Cultural, Heritage, Industrial, Agricultural, Offices and Residential Accommodation.

We offer the following services:

### Design

Design of the full range of mechanical and electrical services including: heating, ventilation, air-conditioning, gas services, hot and cold water systems, lift installations, lighting, emergency lighting, general power, data networks, fire alarms, photovoltaics, Building Energy Management Systems. The use of the latest software means that we can provide 3D visualisations.

### CDM

Proven experience in undertaking the role of Designer and Principal Designer.

### Project Management

Strong project management skills on all projects including careful programming, risk management, progress, reporting, and procurement advice. Effective management of contractors undertaken at all times enabling projects to be delivered on budget, on time, and to the required quality.

### Sustainability

Experienced in deploying sustainable energy technologies such as biomass heating and photovoltaic panels.

### Condition Surveys

Detailed inspection of existing systems and their associated maintenance records, providing advice on life expectancy, repair and maintenance, and planned replacement. All recommendations are backed with cost advice.

### Compliance

Full review of the client's inspection and maintenance procedures to ensure compliance with relevant standards.

### Communication

Based in Caernarfon, our highly skilled team offers a bilingual service and can manage and deliver project through the medium of Welsh or English.

If you would like to receive more information about our services, please contact:

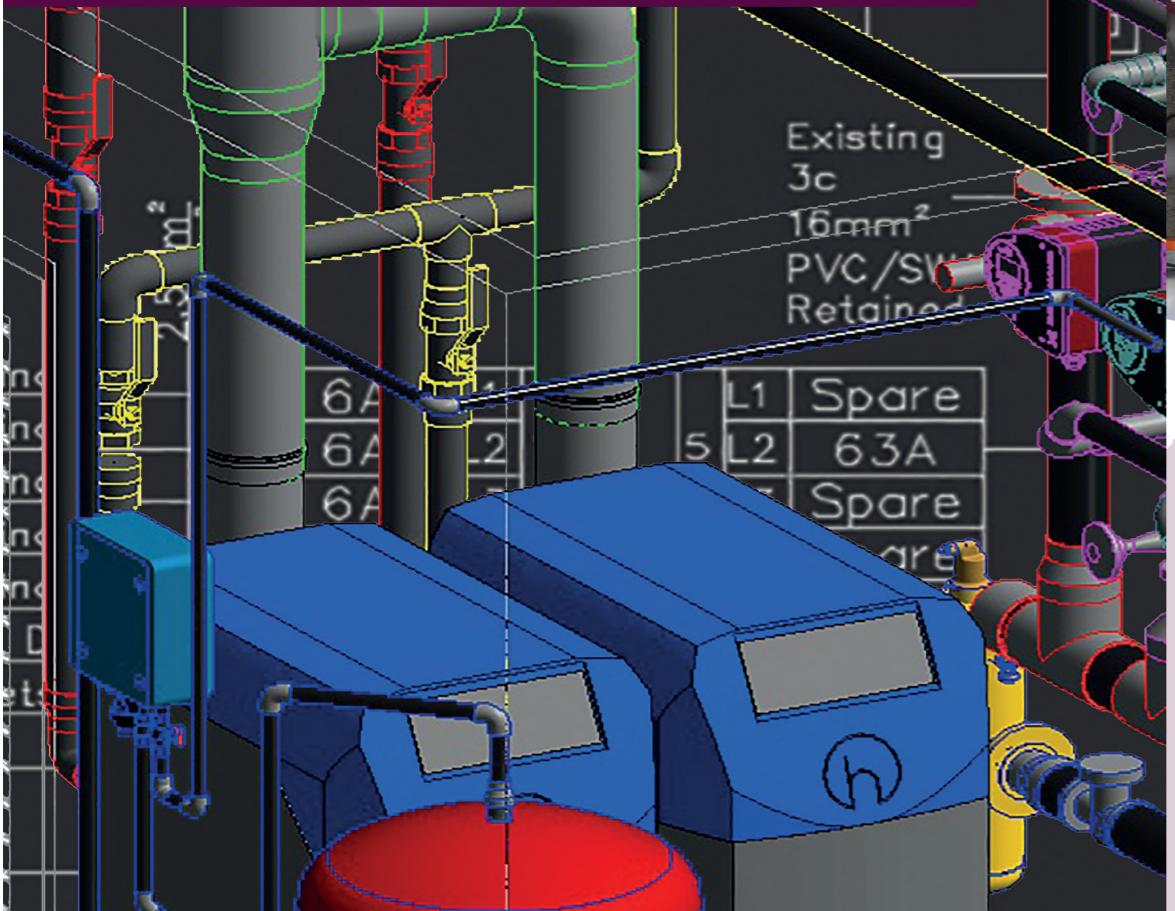
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Connect with us:

## Gwasanaethau Mecanyddol a Thrydanol



'Dod ag adeiladau'n fyw'

[www.ygc.cymru](http://www.ygc.cymru)



Mae YGC yn ymgynghoriaeth amlddisgyblaethol sy'n darparu datrysiau arloesol a chynaliadwy ar gyfer yr amgylchedd adeiledig.

Mae gan ein tîm o Beirianwyr a Thechnegwyr Mecanyddol a Thrydanol brofiad eang o ddylunio a chyflawni y cwmblas llawn o wasanaethau peirianneg sy'n dod â bywyd i'ch adeiladau. Mae ein hymrwymiad i Ddatblygiad Proffesiynol Parhaus (DPP) yn sicrhau cydymffurfiad â safonau cyfredol yn ogystal â defnyddio'r dechnoleg ddiweddaraf wrth baratoi cynlluniau.

Mae craffu manwl yn ystod y cyfnodau comisiynu a throsglwyddo yn sicrhau bod prosiectau'n cael eu cyflwyno i'r safon ddisgwylledig, a bod y systemau peirianneg yn gweithredu o fewn y paramedrau arfaethedig.

Mae'r buddsoddiad mewn technoleg gwybodaeth ac hyfforddiant yn ein galluogi i gynnig y gwasanaethau Dylunio Cyfrifiadurol diweddaraf, gan sicrhau integreiddiad llawn o ddylunio pensaerniol a pheirianneg.

Mae gennym brofiad ar draws nifer eang o sectorau, gan gynnwys: Addysg, Iechyd, Tai, Hamdden, Diwylliannol, Treftadaeth, Diwydiannol, Amaethyddol, Swyddfeydd a Llety Preswyl.

Rydym yn cynnig y gwasanaethau canlynol:

### Dylunio

Dylunio'r holl wasanaethau mecaniddola thrydanol gan gynnwys: gwresogi, awyru, aerdymeru, gwasanaethau nwy, systemau dŵr poeth ac oer, gosodiadau lifft, goleuo, goleuadau argywng, pŵer cyffredinol, rhwydweithiau data, larymau Tân, systemau ffotofoltäig, Systemau Rheoli Ynni. Mae'r defnydd o'r feddalwedd ddiweddaraf yn golygu y gallwn ddarparu darluniau 3D.

### CDM

Profiad wrth ymgymryd â rôl Dylunydd a Phrif Ddylunydd.

### Rheoli Prosiectau

Sgiliau rheoli prosiect cryf ar bob prosiect gan gynnwys rhaglennu gofalus, rheoli risg, adrodd ar gynnydd, a chyngor caffael. Rheolaeth effeithiol o gontactwyr er mwyn sicrhau bod prosiectau yn cael eu cwblhau o fewn y gyllideb, ar amser, ac i'r ansawdd gofynnol.

### Cynaliadwyedd

Gyda phrofiad o ddefnyddio technolegau ynni cynaliadwy megis gwresogi biomas a phaneli ffotofoltäig.

### Arolygon Cyflwr

Archwiliad manwl o'r systemau presennol ynghyd a'u cofnodion cynnal a chadw, gan roi cyngor ar ddisgwyliad oes, trefniadau cynnal a chadw, a chynllunio tuag at amnewid. Cefnogir yr holl argymhellion gyda chyngor ar gost.

### Cydymffurfaeth

Adolygiad llawn o weithdrefnau arolygu a chynnal y cleient i sicrhau cydymffurfaeth â safonau perthnasol.

### Cyfathrebu

Wedi'i leoli yng Nghaernarfon, mae ein tîm hynod fedrus yn cynnig gwasanaeth dwyieithog a gall reoli a chyflwyno prosiect trwy gyfrwng y Gymraeg neu'r Saesneg.

Os oes gennych diddordeb derbyn fwy o wybodaeth am ein gwasanaethau, cysylltwch:

01286 679328

[www.ygc.cymru](http://www.ygc.cymru)

ygc@gwynedd.llyw.cymru

Cysylltwch â ni:

