

Looking for a location for Your
Data Centre business?



MAYO.IE

Think Mayo
STRATEGIC SITE KILLALA

 **IDA**
IRELAND

Think Connectivity



Think Mayo

Mayo now connects US and European Financial markets through the largest subsea fibre optic cable in the world. This technological **game changer** has placed Mayo at the forefront of the data industry globally. **This connectivity makes Mayo an appealing Business location.**

AquaComms

Owner / Operator of the Cable
AquaComms have a clear strategy to build a diversified, solution based network providing term and peak capacity product offerings.



Game changer

AECConnect Transatlantic Cable
The most advanced transatlantic Cable system in the world



Recent announcement by APPLE to locate its Data Centre in the West of Ireland

Location is everything when it comes to data centre site selection. But finding the best-suited location requires careful consideration. The Irish data centre market is booming. Some of the world's best known companies including Microsoft, Google, IBM, Groupon, Amazon AWS, HP, Hutchinson 3G and EMC have chosen Ireland as the location for their European data centre footprint. Up to now this growth has largely concentrated in and around Dublin City. However the recent announcement by APPLE to locate its €850million Data Centre in the West of Ireland illustrates the viability, accessibility and capacity of Ireland West for data assets.

Think Energy



Think Mayo

Mayo has a unique proposition to enhance economic competitiveness of Data Industry groups through the green reduction of energy related costs and provision of an uninterrupted power supply.



Innovation
in dealing with
escalating cost
of power

Uninterruptable
Power Supply

Renewable
Energy Credits
and Carbon
offsets



Mayo Power - 2.5MW Electricity Generating Station and Biomass Fuel Processing Facility

A renewable energy hot spot, County Mayo is renowned for being a clean, green and blue location. Boasting the largest coastline in Ireland it is amongst the leaders in renewable energy innovation and efficiency solutions. The site at Killala incorporates the new development of a 42.5MW Electricity Generating Station and Biomass Fuel Processing Facility.

Think Location



Think Mayo

The reason to consider Mayo is its cool climate, plentiful water supply, comparatively cheap, green and reliable electricity supply and attractive high-tech talent pool

Numerous reasons make the area the ideal place for the high-heat generating, energy-hungry data warehouses.



Reasons why Mayo is unique :

Policy

- Politically stable
- 100% Data Protection Legislation & Pro Business Data laws
- Lowest comparative corporate tax rate
- Local policies supporting data industry in Mayo

People

- Three 3rd Level Institutions within 1 hour drive
- GMIT in Castlebar, NUIG in Galway and IT Sligo
- Lower labour costs
- Affordable, attainable and serviced land
- Best place in Ireland to live

Place

- A number of fully serviced sites
- Innovative Co-location and Cogeneration offerings
- 5,400km high speed data connection will connect New York to Killala and on to Galway, Dublin, London and Europe
- Competitive pricing for global, high bandwidth connectivity

Power

- Mayo has over 505 MW of energy generating projects in the pipeline
- Mayo has 8 wind farms generating over 80 MW of power
- A wood-fired biomass plant is currently under construction generating 40 MW of power
- A National Wave Energy Test Site off the coast of Mayo is currently under development.

Think Site

Seaside town
of Killala

Killala Site
160ha approx

Think Mayo

With the north Mayo seaside town of Killala now the landfall site for the **high-speed fibre-optic network between New York and the West of Ireland**, the sophisticated infrastructure will soon be in place to create the opportunity for a state-of-the-art data hub in the county. The Killala site is ideally suited to serve this business.



Killala Site Master-plan


At the heart of the masterplan is the Mayo Power - 42.5MW Electricity Generating Station and Biomass Fuel Processing Facility

This Master-plan site at Killala is the vision of Mayo County Council. Led by the Enterprise and Investment Unit this unique vision offers global industry, and specifically Data asset leaders the prospect to avail of an uninterrupted power supply, with environmental credit opportunities.

Think Mayo

From indigenous success stories with global reach to major multinationals, many well-known companies have chosen to locate in Mayo for its





Young, well-educated and competitive labour market

40% of its people are under 25 years of age

Efficient transport links to Europe, the US and beyond

Innovative enterprise supports

Economic infrastructure and connectivity

5,400km high speed data connection will connect New York to Killala and on to Galway, Dublin, London and Europe

Quality of life.

Mayo is one of Ireland's most beautiful counties, regularly topping polls as one the best places in Ireland not just to visit but in which to live.

AEConnect - Transatlantic Route From Shirley, NY to London via Mayo.

AEConnect is the most-advanced 'next-generation' undersea cable system linking the US to the West Coast of Ireland with future branch connections strategically positioned along the route and located in deepwater. As one of the first optical 100G coherent systems, its route provides low-latency, high reliability and increased bandwidth across the Atlantic.

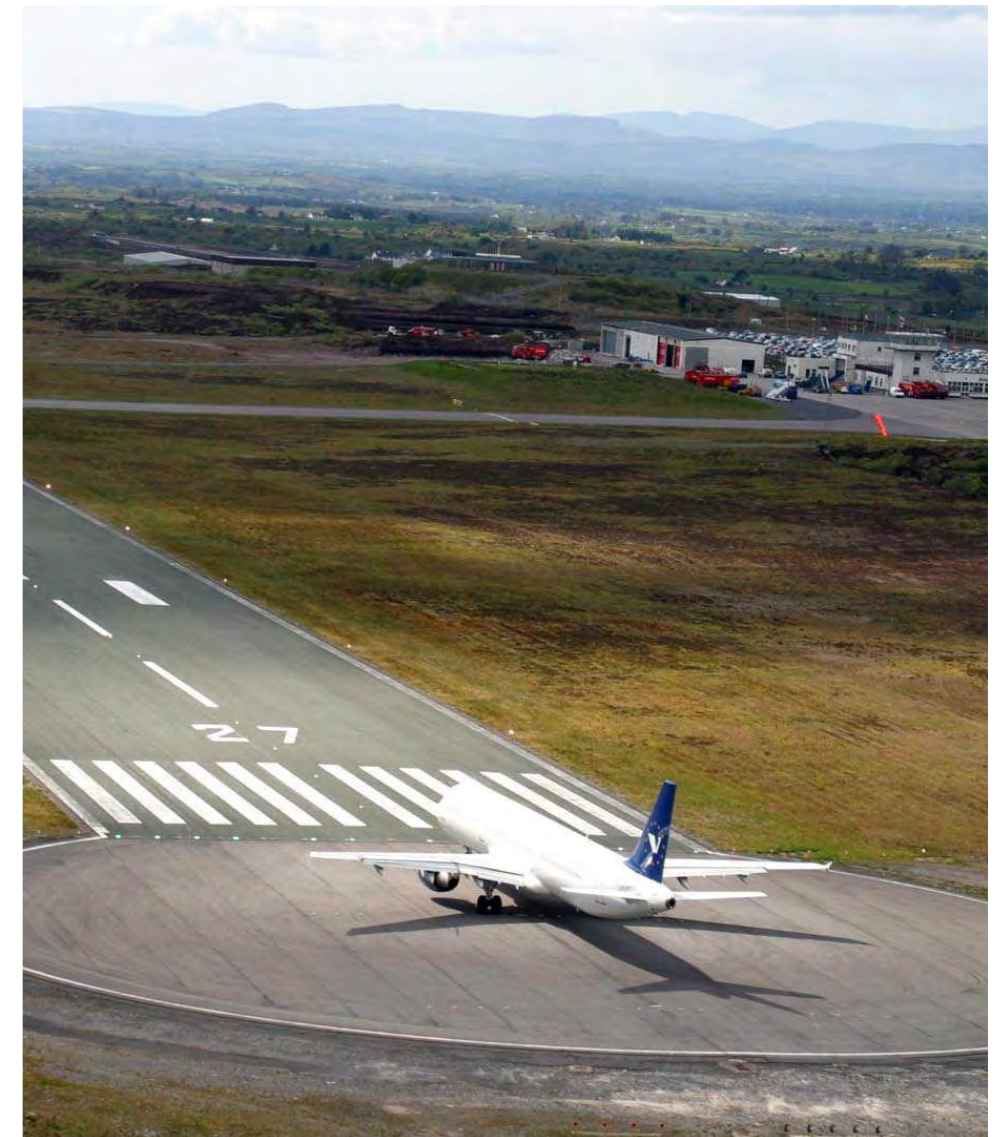
Ireland - UK Diverse Routes

- Trans-Atlantic Cable
- Northern Diverse Routes
- Southern Diverse Routes
- Cable Landing Stations
- POPS: Ireland, U.K



GMIT (Galway-Mayo Institute of Technology)

GMIT Mayo Campus is a responsive, dynamic and sustainable campus with a student population of approximately 1000 students. The campus location in Castlebar, Co Mayo ensures access to a wide range of facilities and natural amenities which strengthens many of the programmes offered. The GMIT Mayo Campus has evolved to become one of Irelands leading third level institutions and was recently given the Irish Times, Institute of Technology of the Year 2015. The GMIT also offers a dynamic range of international links including student exchanges and Erasmus plus. Students from partner colleges abroad regularly exchange with our students to countries such as France, Spain, Germany, Sweden, United States and others.



Ireland West Airport Knock

Ireland West Airport Knock is a regional airport located 5.6km (3.5 miles) south-west of Charlestown, County Mayo, Ireland. The village of Knock is 20km (12.5 miles) away. In 2014, 703,318 passengers used the airport, making it 4th busiest in the Republic of Ireland after Dublin, Cork and Shannon Airport. It was voted Ireland's best regional airport in 2006 and 2009 by the Chambers of Commerce of Ireland. This airport is the ideal gateway to the west of Ireland with ease of access and quality passenger experience being the hallmarks of the airport.

Location

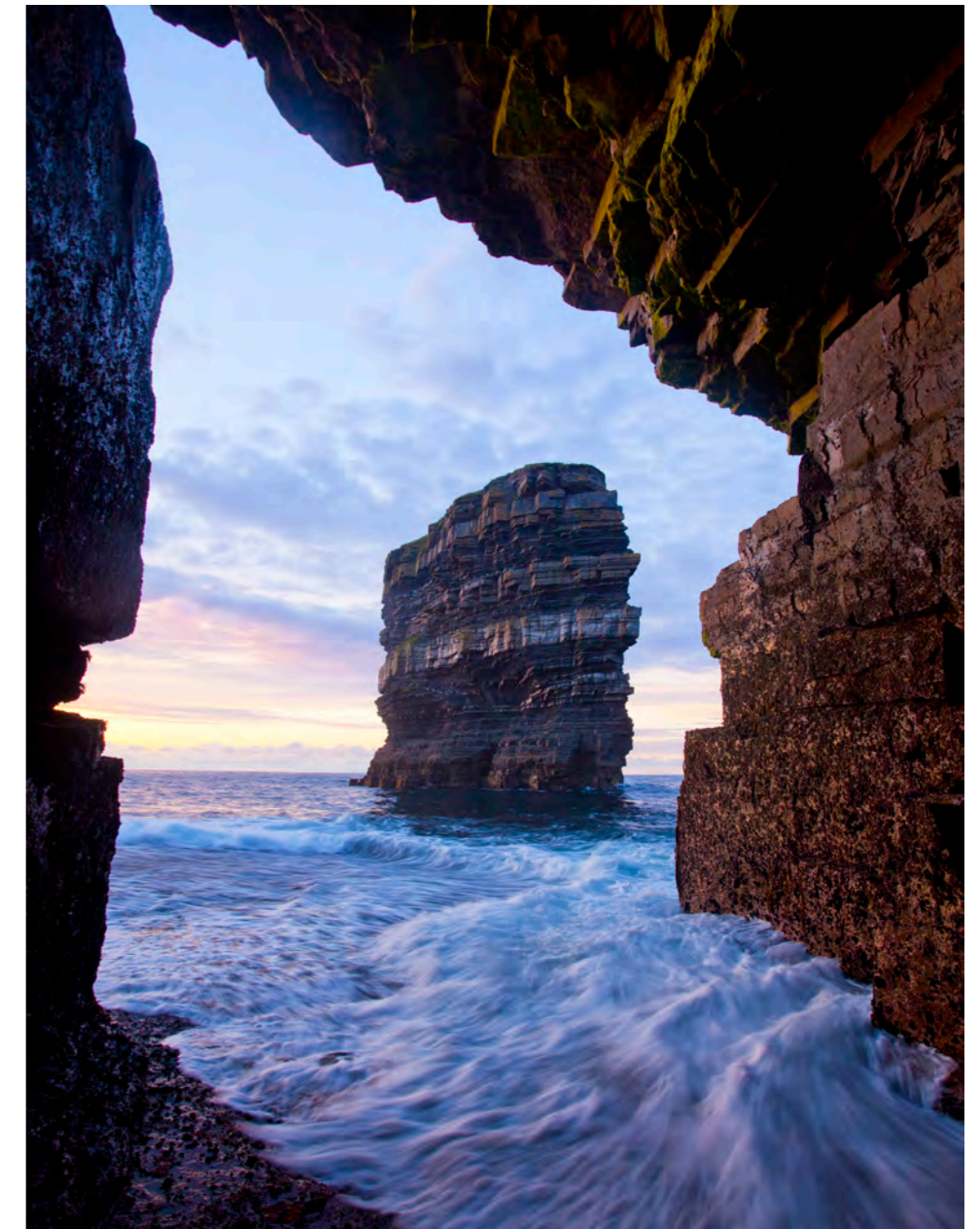
The IDA Ireland site in Killala, Co. Mayo is approximately 160 hectares (395 acres) in Area. The site is located 2 kilometres (1.3 miles) south of Killala Town and 8 kilometres (5 miles) north of Ballina Town. The site is accessed on the eastern boundary off the R314 Regional Rd, connecting 2 National Secondary roads, the N59 to Sligo and the N26 on to Dublin.

Ballina is the nearest main urban centre with a population of 12,000 people attracting multiple major retailers like Tesco, Penneys, Shaws and Dunnes . This town is a major rail freight hub, transporting containers of Coca Cola concentrate from the towns plant taking 4,000 trucks off Irish roads. Ireland West Airport Knock is 50 kilometres (31 miles) from Ballina and under 1 hour drive from the proposed site.



Multinational companies operating in Mayo include:

Coca-Cola
Lionbridge Technologies
Baxter
Allergan
Portwest
Hollister
CBE



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Think Killala

Land Use

The Killala Business Park (KBP) is located on the outskirts of Killala Town (2km) and just north of Ballina (8km). The KBP comprises a total of 400 acres of land the majority of which is Greenfield with a large section of Brownfield lands located through the centre.

Two significant developments of national and international importance have recently commence development within the KBP, that is the cable landing station (CLS) for the high speed transatlantic fibre and Mayo Renewable Powers (MRP) 45.5MW Renewable Energy CHP Plant. Consequently, KBP have been identified as a prime location for the development of new data centres.

Site History

The site was previously home to the large Japanese FDI Ashai whom operated in the KBP from 1974 to 1997 and employed approximately 320 people on site. This site is on the new 45.5MW MRP CHP plant under construction.

Today there are a number of existing and planned developments located within the KBP. Existing developments include a large vacant 7000m² warehouse building, together with much smaller commercial and office building space. Scottish and Southern energy operate an emergency electricity generating plant in the west of the site. Approved developments on site include 1 no. wind turbine by Killala Community Windfarm Ltd, an ESB approved new 110KV Electrical Transformer Station Community and the aforementioned MRP and CLS developments. Currently in the planning stage Irish water plan are proposing to construct a new waste water treatment plan to a design capacity of 2,400 P.E.



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