

**STRATEGY  
2025-2030**





# CONNECTING EDUCATION EMPOWERING RESEARCH

**Authors:**

HEAnet

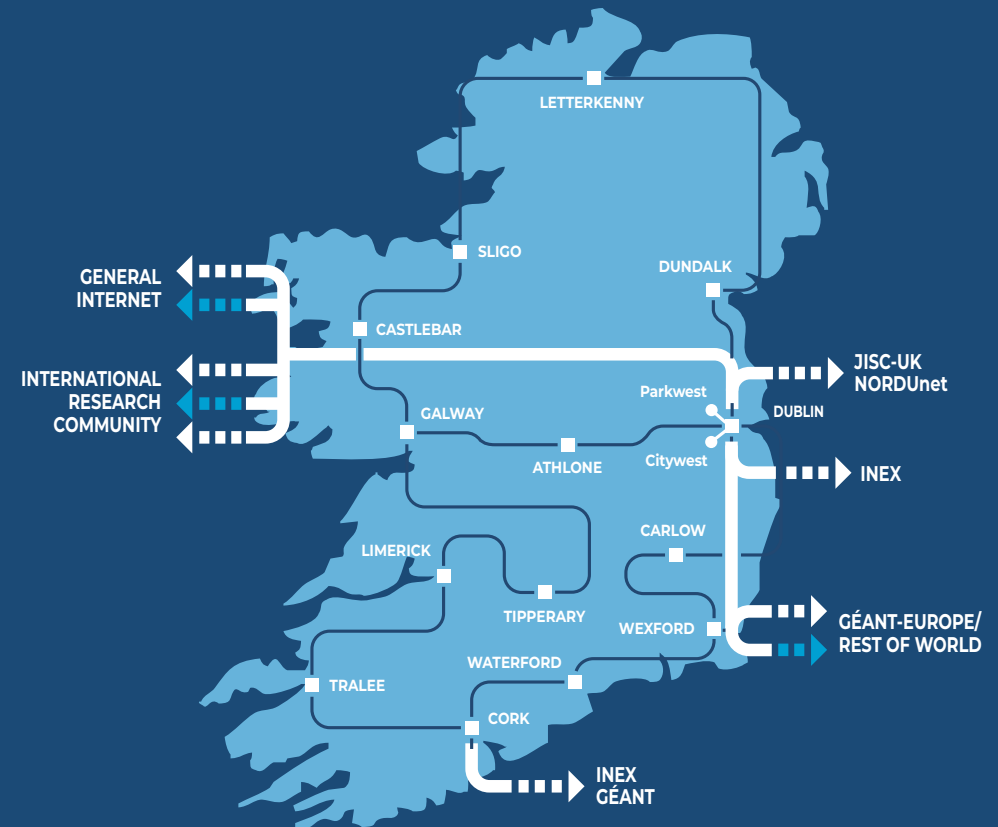
<https://www.heanet.ie>

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# Table of Contents

<b>Introduction</b>	<b>2</b>
<b>Consulted stakeholders</b>	<b>2</b>
<b>HEAnet at a glance</b>	<b>3</b>
<b>Chairperson foreword</b>	<b>4</b>
<b>A message from the CEO</b>	<b>5</b>
<b>Vision statement</b>	<b>6</b>
<b>Mission statement</b>	<b>7</b>
<b>Values</b>	<b>8</b>
<b>Focus areas</b>	<b>9</b>
<b>Foundation enablers</b>	<b>25</b>
<b>Guiding principles</b>	<b>31</b>
<b>Governance structure</b>	<b>32</b>
<b>Glossary</b>	<b>33</b>



# Introduction

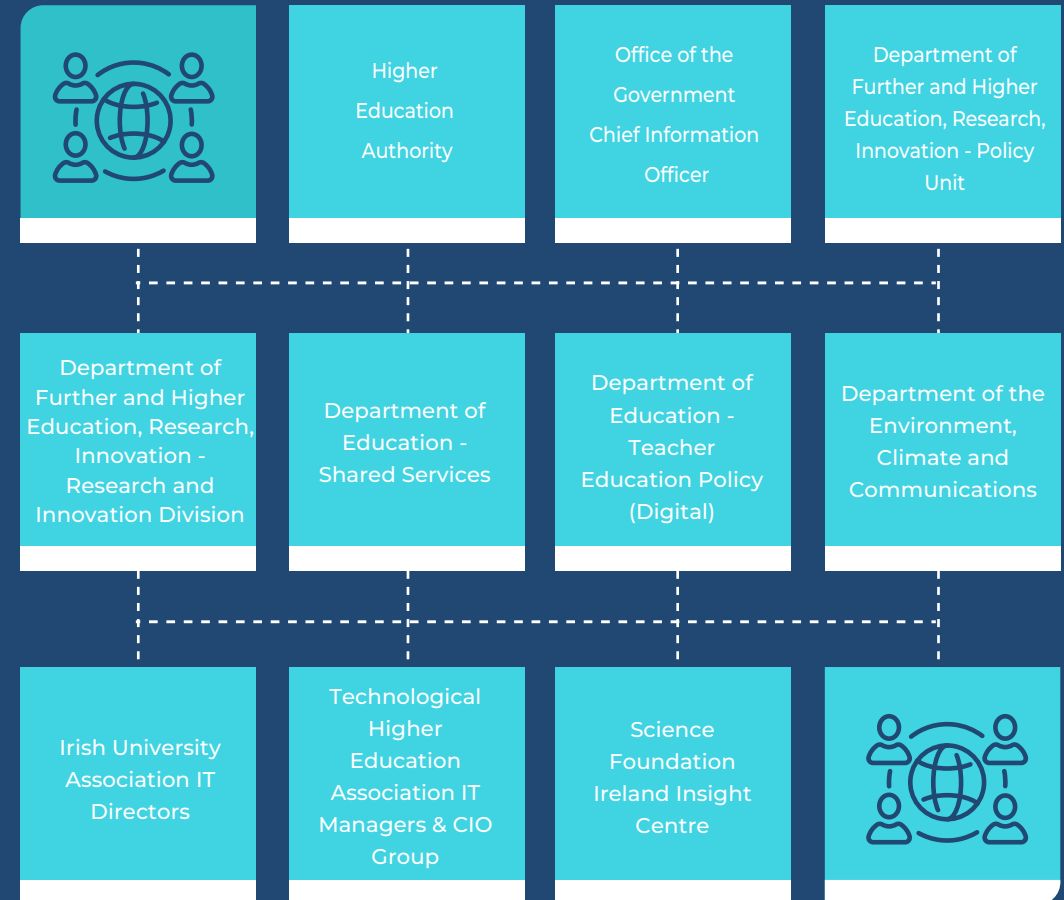
## Introduction to HEAnet Strategy 2025-2030

HEAnet, Ireland's National Education and Research Network, plays a pivotal role in supporting the country's academic and research communities. By delivering high-speed internet connectivity and ICT shared services, HEAnet connects over one million students, researchers, and staff across all levels of the Irish education and research sector. Our network not only facilitates access to essential online resources but also ensures that Irish learners and researchers are linked to global academic and research networks through our partnership with GÉANT.

With a vision to empower excellence in education and research, HEAnet aims to be a trusted partner, driving technological innovation for the advancement of this sector. The HEAnet Strategy 2025-2030 seeks to address the ever-growing demands of the education and research community through key focus areas and foundation enablers presented in this document.

Our strategy builds on our achievement by aligning with both Irish and European Union digital targets for 2030. HEAnet works closely with a number of key stakeholders who were consulted during the process of developing this strategy. These organisations are listed on this page, and we would like to thank them for their ongoing support and collaboration.

# Consulted Stakeholders



# At a Glance

Incorporated  
in  
**1997**



**1.2M+**  
**people**  
relying on our  
network every day



**100+**  
employees



Ibec  
**Top 100**  
**Companies**  
Leading in Wellbeing

Connecting  
**4,000+** **schools**  
to the internet



**€7m+** in annual  
brokerage savings



**Silver Smarter Travel Mark**  
achieved with the National Transport Authority

**700+**  
eduroam  
hotspots



**30+**  
annual research  
engagement initiatives

# Chairperson Foreword

## **On behalf of HEAnet, it is my pleasure to introduce the HEAnet Strategy for 2025-2030.**

HEAnet's strategy for the coming years is anchored in our vision to empower excellence in education and research and in our mission to be a trusted partner, delivering innovative technology services for the advancement of education and research.

Our strategy is underpinned by a deep understanding of the evolving needs of our client community and a determination to respond with agility, foresight, and dedication to their needs. Over the term of this strategic plan, HEAnet will focus on five areas, each designed to reinforce and expand our role as the backbone of Ireland's digital infrastructure for education and research.

We will continue to evolve our national network, ensuring it remains resilient, scalable, and energy-efficient. With critical collaborations and upgrades planned, HEAnet is set to bolster its infrastructure to meet the growing demands of our users and future technological landscapes.

In an era of increasing cyber threats, HEAnet will strengthen our security capabilities to protect our education and research community. Our expanded security services and new cybersecurity initiatives will play a pivotal role in safeguarding our clients

against the ever-evolving threat landscape.

Our commitment to empowering research in Ireland will be deepened through fostering innovation, providing the digital infrastructure to support impactful research, and enhancing our national research infrastructure.

HEAnet is dedicated to fostering sustainability across environmental, social, and economic dimensions. Our strategy will focus on minimising our carbon footprint, promoting social responsibility, and ensuring financial viability, in alignment with Ireland's Climate Action Plan.

Recognising that our people are our greatest asset, we are committed to fostering a culture that values inclusivity, diversity, and continuous development. By supporting our employees, we aim to optimise our organisational value and deliver excellence in all that we do.

As we look forward to the implementation of this strategy, I am confident that it will position HEAnet to meet the challenges of tomorrow and help empower the Irish education and research sector to continue to reach new heights.

### **Prof. Mike Murphy**

Chairperson, Board of HEAnet and Professor Emeritus of Technological University Dublin



# A message from the CEO

I am delighted to share with you our new HEAnet Strategy 2025-2030, which outlines our ambitious and forward-looking strategic direction to the end of this decade. This strategy represents a significant milestone for HEAnet, as it sets the stage for a transformative journey that builds on our past achievements while charting a course for a future filled with opportunities and growth.

Our strategic ambition is rooted in our aspiration not only to sustain but also to amplify the successes we have achieved so far. We are committed to expanding our shared services portfolio, a critical and continuous development that enables us to deliver even greater community impact.

I'm excited to introduce a new Vision Statement 'To Empower Excellence in Education and Research' which deliberately extends our ambition beyond education, to provide greater support to Irish researchers and their collaborations across the globe.

As we navigate the ever-evolving landscape of technology in the education and research sector, it is imperative that we stay innovative and client-centric. Our strategy is not just a roadmap; it's a commitment to excellence, growth, and making a meaningful impact on education and research in Ireland.

At HEAnet, we are passionate about connecting education and empowering research. Our new strategy is built on five focus areas: network, security, research, sustainability and people. Our focus areas have been selected based on careful consideration of the current and future needs of the sector,

consultations with various stakeholders, and workshops with the HEAnet Board, HEAnet Heads of Functions, HEAnet Managers, and HEAnet staff.

Through strategic partnerships and collaborations, we will leverage the collective strengths of our community to drive success and enhance our positive impact. Collaboration remains the cornerstone of our approach, and our collaborative partnerships will be instrumental in helping us to achieve our goals.

Above all, we remain steadfastly committed to putting our clients at the centre of everything we do. We recognise that our success is intrinsically linked to the success of our clients, and we are dedicated to listening to their needs, understanding their challenges, and delivering solutions that not only meet but exceed their expectations.

I am incredibly optimistic about the opportunities that lie ahead. Our talented team, combined with our unwavering commitment to excellence, positions us for continued success and growth in the years to come.

I express my gratitude to our funders, stakeholders, and clients for their continued support. It is through their trust and collaboration that we are able to pursue our ambitious goals. As we move forward, we will continue to work closely with all our partners to achieve not only our organisational objectives but also the broader sectoral and national policy goals in the years ahead. Together, we will build a brighter future for education and research in Ireland.

**Mr Ronan Byrne**

Chief Executive Officer



# Vision Statement

To empower excellence in  
education and research



# Mission Statement

To be a trusted partner delivering innovative technology services for the advancement of education and research

# Values

## COLLABORATION



We enjoy being challenged, focused and engaged.

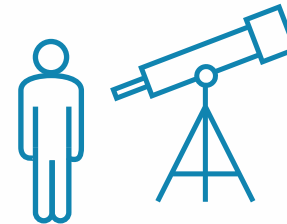
Respect and openness to different views are built into the very foundation of how we achieve success. Our empowered decision-making ethos is made possible through fostering an environment where we contribute, share and innovate.

## EQUALITY & FAIRNESS



We strive for fairness and equality for our community, our clients and our people. Our shared services exist to support fair and equal opportunity for access to education. Internally, we work for inclusion for all in their contribution and access to an equal future.

## FUTURE FOCUSED



We are driven to lead in an impactful way and to strengthen our services so that we can continue to make a difference to the future of our community, our clients and our people.

## POSITIVE IMPACT



We are ethically and socially responsible. Realising our influence and the impact we deliver is one of the main objectives to why we continue to empower excellence in education and research.

# Focus Areas

## PEOPLE

Empowering Our People to Achieve Excellence

## SUSTAINABILITY

Leading the Way in Environmental, Social and Economic Sustainability

## NETWORK

Delivering World-Class Network Connectivity

## RESEARCH

Driving Collaboration and Innovation to Support Global Research Ambitions

## SECURITY

Strengthening the Security Capability and Resilience of Irish Education and Research



# Network



## Delivering World-Class Network Connectivity

HEAnet will strengthen Ireland's education and research infrastructure with a resilient, scalable, and energy-efficient network. Through key upgrades and expanded international connectivity, we will meet growing demands and **position Ireland as a global hub for education and research data.**



# Network



The HEAnet national network is the cornerstone of Ireland's education and research infrastructure, connecting institutions and enabling cutting-edge innovation and collaboration.

As we look to the future, our strategy from 2025 to 2030 outlines a programme of essential improvements required to keep the HEAnet national network fit for purpose. This work programme will ensure that HEAnet's clients and Ireland's academic and research communities will continue to have access to the advanced communications infrastructure they require.

Our vision will be realised through strategic enhancements and expansions that will bolster our infrastructure and capabilities, such as router upgrades to support increased speeds and decrease environmental impact and optical and core IP equipment upgrades to enhance the network's overall performance, data transmission and capacity.

## Network capacity planning

HEAnet's external traffic typically grows at 25% per year. HEAnet will continue to monitor the client, backbone, and external connections to ensure that all circuits are dimensioned appropriately and that the network continues to meet our client's needs. From 2025 to 2030, we predict that clients from larger educational institutions will be connected at 100 Gbit/s, with others at 1, 10 and nx10 Gbit/s as appropriate to meet their traffic requirements.

External connectivity to INEX will grow from 2x200 Gbit/s to 2x400 Gbit/s in 2028. The EuroHPC project plans to interconnect all EuroHPC sites, including Ireland, at 1.2 Tbit/s, enhancing our national and international high-performance computing capabilities.

## International connectivity

We aim to support Ireland becoming Western Europe's global education and research traffic hub. Three new submarine cable systems are planned for Ireland in the coming years, linking Ireland with Canada, Japan, France, Spain and Portugal. HEAnet is working with GÉANT and other National Research and Education Networks to secure capacity in these new submarine cables for the education and research community.

## Aligning with national policies

The national **Harnessing Digital: The Digital Ireland Framework**<sup>1</sup>, commits to "Continuing to roll-out eduroam Wi-Fi hotspots across Ireland". We are committed to expanding eduroam hotspots to help bridge the digital divide and position Ireland as a digital leader at the heart of European and global digital developments.



# Security



## Strengthening the Security Capability and Resilience of Irish Education and Research

HEAnet will expand its security services, including further expansion of our SOC and SIEM solution. In collaboration with the National Cyber Security Centre, we aim to **strengthen the security posture of Ireland's education and research sector**, reducing risks and enhancing resilience.



# Security



As a trusted shared services provider, HEAnet is uniquely positioned to continue providing security services to our client community.

Our current portfolio of security services is designed to assist HEAnet clients detect and manage cyber threats and improve the security posture of the education and research sector. In recent years, HEAnet expanded its security services by adding the Security Advisory Service and establishing a sectoral Security Operations Centre (SOC) and Security Information and Event Management (SIEM) solution. This latter service enables consistent and comprehensive 24x7 detection and response capabilities for HEAnet clients.

## Expanding our security services portfolio

Further expansion of our sectoral SOC & SIEM solution will be one of the key priorities for HEAnet in 2025 and beyond. Our goal is to assist clients in defending against the relentless wave of cyber-attacks and ultimately, help them to reduce the risk of business interruption and the associated costs of a cyber-attack.

Additionally, HEAnet envision implementing additional relevant shared services to realise our strategic vision and ambition and support our clients.

## Collaborating with our clients

A Cyber Security Advisory Group (CSAG) is in place to ensure that clients are involved in the process of identifying and informing potential new services for evaluation. The CSAG includes representatives from the IUA universities, IoTs and TU sector, and ETBs.

The cybersecurity threat landscape is ever-evolving and our ambition is to continue collaborating with our client community to ensure that the sector is positioned to mitigate the risks associated with security threats.

## Aligning with national policies

We welcome the next iteration of the **National Cyber Security Strategy** and look forward to continuing our successful relationship with the National Cyber Security Centre (NCSC), as a recognised trusted partner. By collaborating closely with the NCSC, we will implement the **NIS2 Directive**<sup>2</sup>, ensuring our services remain secure and setting a global standard of excellence.

<sup>2</sup> <https://www.nis-2-directive.com/>

# Research



## Driving Collaboration and Innovation to Support Global Research Ambitions

HEAnet is committed to driving research excellence by supporting FAIR data management, advancing national research infrastructure, and fostering collaboration. HEAnet will enhance Open Science efforts, **helping Ireland's research community to innovate and excel on the global stage.**





# Research



## Research data management support

We will continue to support national efforts in enabling FAIR (Findable, Accessible, Interoperable, Reusable) data management. By promoting the implementation of the FAIR Data principles, we will contribute to research excellence and societal impact. In collaboration with ICHEC, we will also drive a national initiative to develop a common approach to Data Spaces across the research sector (IRL-DataSpaces) and deliver a national Data Spaces Support Centre (IRL-DSSC).

## National research infrastructure support

We will concentrate efforts on developing a national Research Infrastructure in support of Open Science, including IRLDAT (national shared storage service for active research data) and an EOSC-Ireland node facilitating the connection of resources in Ireland to the EOSC federation infrastructure.

## Research trust and identity services (T&I)

T&I is fundamental to the development and support of collaboration in research and the associated infrastructures. We will monitor developments in this space and adopt them as appropriate for the benefit of research and researchers.

## Research engagement and education

We will continue to raise awareness of the opportunities for collaboration and support with stakeholders in Ireland, including enhancing the National Forum for Research Services and Infrastructure (RESIN) network, engaging with new stakeholder groups, including Research Ireland and the new research centres due in 2026, and supporting national strategies in relation to European Research Infrastructure Consortia (ERICs).

## Aligning with national and EU policies

Our 2025-2030 strategy for research aligns with national and EU policies, including the **National Action Plan for Open Research**<sup>3</sup> and the **European Research Area (ERA) Policy Agenda**<sup>4</sup>, to foster innovation, drive impactful research and enhance our national research infrastructure.

**Impact 2030: Ireland's Research and Innovation Strategy**<sup>5</sup> puts research and innovation at the heart of addressing Ireland's social, economic and environmental challenges. We are committed to supporting this strategy to ensure its success, resulting in research and innovation excellence and outcomes.



<sup>3</sup> <https://norf.ie/wp-content/uploads/2022/11/National-Action-Plan-for-Open-Research-webversion.pdf>

<sup>4</sup> <https://european-research-area.ec.europa.eu/policy-agenda-2022-2024>

<sup>5</sup> <https://www.gov.ie/en/publication/27c78-impact-2030-irelands-new-research-and-innovation-strategy/>

# Sustainability



## Leading the Way in Environmental, Social and Economic Sustainability

HEAnet will integrate sustainability across environmental, social, and financial dimensions. We will **significantly reduce our carbon footprint, improve energy efficiency, and ensure a sustainable funding model**, contributing positively to Ireland's Climate Action Plan and the wider community.



# Sustainability



At HEAnet, we are committed to fostering a sustainable future that seamlessly integrates environmental stewardship, social responsibility, and financial viability across all our operations. Our dedication is not just about compliance; it's about leading by example in the education and research sector.

## Environmental responsibility

As a leading provider of network infrastructure and services to the education and research sector, we have a responsibility to minimise our environmental impact. We have made great strides in recent years to reduce our greenhouse gas emissions and increase our energy efficiency, and we will demonstrate continued commitment toward a more sustainable future over the lifetime of this strategy and beyond.

## Social impact

Our established history of delivering positive social impact positions us to further enhance and expand our efforts. Through proactive measures and collaboration with stakeholders, we will continue to support the wellbeing of our people and community and foster a culture of equality, diversity and inclusivity. We aim to be recognised as an employer of choice whilst consistently demonstrating our positive social impact.

## Financial viability

Our proven track record of delivering exceptional value for money for the sector reinforces our commitment to enhancing our value proposition. Our objective is to establish and maintain a sustainable funding model by strategically securing and managing financial resources, ensuring long-term viability and success.

By prioritising sustainability in our operations and decision-making, we aspire to be a catalyst for positive change.

## Aligning with national policies

We are committed to investing in measures that improve our energy efficiency, decrease our carbon footprint, and contribute positively to Ireland's **Climate Action Plan**<sup>6</sup> by complying with the **Public Sector Climate Action Mandate**.<sup>7</sup>



<sup>6</sup> <https://www.gov.ie/en/publication/67104-climate-action-plan/>

<sup>7</sup> <https://www.gov.ie/en/publication/337b6-public-sector-climate-action-mandate/#public-sector-climate-action-mandate>

# People



## Empowering Our People to Achieve Excellence

At HEAnet, people are our most valuable asset. We will **foster a culture of growth, inclusivity, and excellence, offering expanded development opportunities, promoting EDI, and cultivating talent pipelines** to ensure long-term success and a thriving, diverse workforce.



# People



At HEAnet, we believe that our people are our greatest asset. We recognise the vital role our people play in our success and plan to further develop an environment where our people's potential can be realised. By fostering a culture that encourages growth, inclusivity and excellence, we are positioning HEAnet for sustained success. In our strategy, we commit to ensuring that our values permeate everything that we do and who we are as a not-for-profit organisation. Our ambition for 2025-2030 is to expand the development opportunities for all our people, strengthening a culture in which performance, development and wellbeing is supported. We will leverage the collective skills and experience of our employees by identifying and acknowledging examples of excellence and empowering our people to share their expertise with their peers.

## EDI impact

Equality, Diversity and Inclusion (EDI) is a cornerstone of our people focus area. We aim to foster a workplace culture where diverse perspectives are not only valued but actively sought after, leading to innovative solutions and inclusive decision-making processes at all levels of the organisation.

## Future-focused for success

To ensure our long-term success, we are focused on developing and growing our talent pipelines both internally and externally. We will achieve this through further enhancing our focus on skills and career development internally and fostering new partnerships externally to meet future talent demands.

## Championing excellence

By creating a culture that values continuous improvement and excellence, we empower our people to reach their full potential and make a meaningful impact. HEAnet is committed to ensuring that our work practices, policies and decision-making provide for this and foster an environment where excellence is acknowledged and celebrated.

## Thought leadership

As a thought leader, HEAnet is dedicated to providing vision and guidance that informs policy and shapes how technology can empower the education and research sector.

## Aligning with national policies

We support the **STEM Education Policy Statement 2017-2026**<sup>9</sup>, to promote the advancement of science, technology, engineering, and mathematics education in Ireland. We are committed to nurturing learner engagement and participation through partnerships with educational institutions and community organisations, ensuring equitable access to STEM opportunities for all learners.

<sup>9</sup> <https://www.gov.ie/en/policy-information/4d40d5-stem-education-policy/>



# Foundation Enablers

## ESSENTIAL PILLARS SUPPORTING OUR STRATEGY

While we see our Focus Areas as the main drivers of the HEAnet Strategy 2025-2030, we recognise that our success would not be possible without a number of enablers: client engagement, brokerage, identity, schools network and artificial intelligence. We will continue to develop these areas further to ensure HEAnet's future success.



**BROKERAGE**



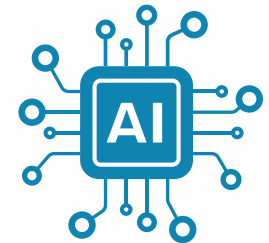
**IDENTITY**



**SCHOOLS  
NETWORK**



**CLIENT  
ENGAGEMENT**



**ARTIFICIAL  
INTELLIGENCE**



## A trusted procurement partner

### BROKERAGE

Brokerage is one of our core services. HEAnet's Brokerage team will continue to deliver procurements with enhanced terms and conditions and save our clients time, effort, and money. We do this in partnership with the Office of Government Procurement (OGP), GÉANT, SURF and other NREs. Our team will continue to assist clients in streamlining their ICT procurement process. As a shared services provider, HEAnet is uniquely positioned to continue to be the trusted procurement partner for our clients in IT procurement.

#### We will achieve this by:

- running tender processes and creating procurement routes our clients can use;
- running aggregated procurements;
- providing personal support to help clients through every step of the procurement process;
- running aggregated mini tender competitions via OGP frameworks;
- collaborating with international partners such as GÉANT, SURF and other NREs to share knowledge and run aggregated procurements; and
- providing advice and guidance to our clients.

All these activities deliver significant savings in time, effort and money to the Irish education and research sector.





## Empowering trust through secure identity

### IDENTITY

#### Researcher identity

Edugate, our federated single sign-on service, has been a tremendous success since being launched in 2010 with great adoption and has met student needs well over the years. However, its adoption among researchers has been limited. This is set to change, and HEAnet will adapt Edugate to serve researchers better. Other NRENs have successfully used identity federations for research collaboration and infrastructure access, and Edugate can follow these models.

#### Further education identity

HEAnet will work closely with clients from further education (FE) institutions to support their introduction of Edugate. This will allow FE institutions to access other valuable services from HEAnet, such as eduroam Wi-Fi.

#### Identity innovation

The technology underpinning identity will continue to evolve, as seen in previous strategic periods. Innovations like passkeys and the potential integration of MyGovID with eIDAS could necessitate Edugate enhancements to ensure continued service benefits.

#### Support for access to research infrastructure

Projects like EuroHPC are developing new middleware solutions that provide access to high-performance computing resources, much like Edugate's federated access for web applications. GÉANT's MyAccessID Identity and Access Management Service will play a key role in future EU-funded projects like EuroHPC. HEAnet's Identity Providers will need to support MyAccessID, and specialist resources will be required to implement federated middleware for new services.







## Empowering schools through secure, high-speed connectivity

### SCHOOLS NETWORK

HEAnet's Schools Network provides secure high-speed internet and security services to Ireland's schools, supporting more than one million students and teachers across 4,000 schools. This network ensures a safe online environment for learning and teaching in the digital age.

One of the EU's connectivity objectives is to deliver gigabit connectivity to schools over the lifetime of this strategy:

*"Gigabit connectivity connecting all main socio-economic drivers - such as schools, universities, research centers, transport hubs, hospitals, public administrations, and enterprises relying on digital technologies".<sup>1</sup>*

Looking to the future, HEAnet will continue to build on the high-speed connectivity in schools, delivering the bandwidth required through our resilient, scalable and energy efficient network.

#### **Underpinning the Government's Digital Strategy now and into the next decade**

As schools' traffic continues to grow, the core network will continue to be upgraded to increase the backbone capacity beyond the current 200 Gbit/s, enabling future expansion and secure connectivity.

With the core capacity and security services, this critical connectivity across primary and post-primary schools underpins one of the three pillars of the Department of Education's Digital Strategy for Schools to 2027 – Pillar 2 Digital Technology Infrastructure. HEAnet will continue to ensure that all schools are served with high-speed broadband connectivity and appropriate infrastructure to support teachers and learners in realising the benefits of the use of digital technologies in classroom activities, as well as technical support and procurement frameworks.



<sup>1</sup> <https://digital-strategy.ec.europa.eu/en/library/connectivity-european-gigabit-society-brochure>



## Collaboration as a key to success

### CLIENT ENGAGEMENT

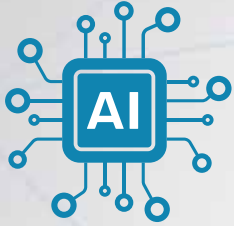
Effective collaboration with clients is crucial for identifying common, shareable solutions across HEAnet's shared services. This partnership-driven approach enables HEAnet to deliver on its mission of delivering innovative technology services for the advancement of education and research.

Our people's commitment, enthusiasm, and expertise have contributed to the development of a world-class network, supporting education and research in Ireland and making us a trusted partner for our clients. We will continue to work with and for our clients to ensure we deliver value to our client community.

HEAnet stands as a valued provider of shared services across all levels of the sector, serving client needs in a trusted, collaborative, delivery oriented and cost-effective manner. Value for money remains at the heart of the HEAnet operation and we are committed to delivering ICT services to support the needs of our client community.

HEAnet is committed to delivering shared services which meet the business needs of our clients and recognises that 24x7 on-call support for key services is a fundamental requirement. By fostering meaningful collaboration, listening to client feedback, and constantly refining our services, we will continue to serve as a reliable, innovative partner to the sector.





## Transforming the future of education and research

### ARTIFICIAL INTELLIGENCE

Artificial Intelligence (AI) is set to transform how organisations operate, particularly in education and research. The impact of this is already felt across our client community. Over the lifetime of this strategy, we believe AI will have a transformative effect on network optimisation and management, provide enhanced cybersecurity and threat mitigation, support strategic insights and decision-making, and enhance learning and innovation by delivering personalised experiences to students and researchers.

By integrating AI into our operations, we will enhance our service delivery, improve our security posture and foster innovation to meet the evolving demands of the educational and research sector. To do this, we will create a solid foundation for AI adoption, ensuring that the technology is implemented strategically, securely and effectively to drive value through robust governance practices.

Effective AI governance will be key to establish clear goals and objectives for AI use within HEAnet and is crucial for maximising the benefits while minimising risks and ensuring ethical and responsible AI use within our organisation.

Through AI integration, we will enhance our service offerings and drive significant improvements in efficiency, security, and client satisfaction.



# Guiding Principles

Our guiding principles are the basis upon which we will deliver our strategy. Each principle serves as a compass, directing us toward achieving our vision and mission, while delivering exceptional value and driving positive change.



## Client centricity

Prioritise the needs and satisfaction of our clients in every decision and action.



## Employee centric culture

Foster a collaborative and inclusive work environment where employees feel valued, supported, and engaged, by providing opportunities for growth, development, and recognition.



## Implement appropriate security

Implement security measures that are commensurate with regulatory requirements, aimed at preventing, mitigating, and recovering from cyber incidents.



## Be risk aware

Proactively identify, assess, and mitigate risks to protect the interests of stakeholders and ensure business continuity.



## Financial viability

Maintain sound financial management practices, optimising resource allocation and ensuring long-term financial stability.



## Operational excellence

Strive for excellence in operational processes, ensuring efficiency, quality, and reliability in delivering our services.



## Partnering for faster delivery

Integrate external services with internal expertise to deliver our services promptly, whilst preserving in-house intellectual property.



## Foster and sustain collaborative relationships

Cultivate strategic relationships to leverage complementary strengths and drive growth and innovation.



## Transparency and integrity

Uphold the highest standards of transparency, integrity and ethical behaviour in all interactions, both internally and externally.



## Be climate aware

Integrate sustainability into our service lifecycle, from design and development to deployment and end-of-life management, to minimise our carbon footprint and contribute positively to the fight against climate change.

# Glossary

**Data Space** - A data ecosystem built around commonly agreed building blocks, enabling an effective and trusted sharing of data among participants who may be data systems, their providers and users.

**DFHERIS** - The Department of Further and Higher Education, Research, Innovation and Science is a department of the Government of Ireland, led by the Minister for Further and Higher Education, Research, Innovation and Science. <https://www.gov.ie/en/organisation/department-of-higher-education-innovation-and-science/>

**eIDAS** - 'eIDAS' is shorthand for 'electronic identification and trust services'. It refers to a range of services that include verifying the identity of individuals and businesses online and verifying the authenticity of electronic documents. <https://digital-strategy.ec.europa.eu/en/policies/eidas-regulation>

**EOSC** - The ambition of the European Open Science Cloud is to provide European researchers, innovators, companies and citizens with a federated and open multi-disciplinary environment where they can publish, find and reuse data, tools and services for research, innovation and educational purposes. [https://research-and-innovation.ec.europa.eu/strategy/strategy-2020-2024/our-digital-future/open-science/european-open-science-cloud-eosc\\_en](https://research-and-innovation.ec.europa.eu/strategy/strategy-2020-2024/our-digital-future/open-science/european-open-science-cloud-eosc_en)

**ERIC** - The European Research Infrastructure Consortium is a specific legal form that facilitates the establishment and operation of Research Infrastructures with European interest. The ERIC allows the establishment and operation of new or existing Research Infrastructures on a non-economic basis. [https://research-and-innovation.ec.europa.eu/strategy/strategy-2020-2024/our-digital-future/european-research-infrastructures/eric\\_en](https://research-and-innovation.ec.europa.eu/strategy/strategy-2020-2024/our-digital-future/european-research-infrastructures/eric_en)

**ETBs** - Education and Training Boards are statutory education authorities with responsibility for education and training, youth work and a range of other statutory functions. Education and Training Boards manage and operate

Community National Schools, Post-Primary Schools, Further Education colleges, and a range of adult and further education centres delivering education and training programmes. <https://www.etbi.ie/>

**EuroHPC** - EuroHPC JU is a joint initiative between the EU, European countries and private partners to develop a World Class Supercomputing Ecosystem in Europe. [https://eurohpc-ju.europa.eu/index\\_en](https://eurohpc-ju.europa.eu/index_en)

**GÉANT** - GÉANT is the collaboration of European National Research and Education Networks (NRENs). Together they deliver an information ecosystem of infrastructure and services to advance research, education, and innovation on a global scale. <https://geant.org/>

**HPC** - High Performance Computing is the ability to process data and perform complex calculations at high speeds.

**ICHEC** - The Irish Centre for High-End Computing at the University of Galway is Ireland's national centre for High-Performance Computing providing e-infrastructure, services and expertise to academia, industry and the public sector supported by the Department of Further and Higher Education, Research, Innovation and Skills and the Higher Education Authority. <https://www.ichec.ie/>

**IoTs** - Institutes of Technology in the Republic of Ireland: Dundalk Institute of Technology (DKIT) and Institute of Art Design and Technology (IADT).

**INEX** - The internet peering point for the island of Ireland.

**IRLDAT** - The purpose of the IRLDAT project is to design, build and implement a pilot data storage solution for researchers that will offer a range of data management services. The pilot would be designed so that it could be enlarged and replicated on a national level for the benefit and use for researchers on the island of Ireland. The IRLDAT pilot was funded through the National Action Plan for Open Research by NORF.

# Glossary

**IUA Universities** - Irish Universities Association member universities are Dublin City University, Maynooth University, Trinity College Dublin, TU Dublin, University College Cork, University of Galway, University College Dublin and University of Limerick. <https://www.iua.ie/>

**MyAccessID** - The MyAccessID Identity and Access Management Service is provided by GEANT with the purpose of offering a common Identity Layer for Infrastructure Service Domains (ISDs).

**NORF** - Ireland's National Open Research Forum was established in 2017 to drive the Irish agenda for Open Research. NORF provides a space for communication, consultation and cooperation among key stakeholders in the research system regarding strategic issues and overarching policies and procedures in open research. <https://dri.ie/norf/>

**NREN** - National Research and Education Networks are specialised internet service providers dedicated to supporting the needs of the research and education communities within their own country.

**Public Sector Climate Action Mandate** - The Mandate requires public sector bodies to show leadership in climate action and to demonstrate how they are taking the required actions.

**RESIN** - The National Forum for Research Services and Infrastructure brings together research support staff from Irish Universities, Technological Universities, other Research Performing Organisations, Research Funding Organisations and Research Infrastructures. Coordinated by HEAnet, the Forum facilitates collaborative discussions between research IT staff, librarians engaged in research data management and other relevant stakeholders. <https://resin.heanet.ie/>

**SOLAS** - is the State agency that oversees the building of a world class Further Education & Training sector in Ireland, developing skills to fuel Ireland's future. <https://www.solas.ie/>

**SURF** - SURF is the ICT cooperative of Dutch education and research institutions, HEAnet's equivalent in the Netherlands. <https://www.surf.nl/en>

**TU** – Technological Universities in the Republic of Ireland: Technological University Dublin, Munster Technological University, Technological University of the Shannon: Midlands Midwest, Atlantic Technological University and South East Technological University.



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The logo for 'CONNECTING EDUCATION EMPOWERING RESEARCH'. It features a stylized icon on the left consisting of two interlocking loops, one light blue and one white. To the right of the icon, the words 'CONNECTING', 'EDUCATION', 'EMPOWERING', and 'RESEARCH' are stacked vertically in a white, sans-serif font.

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