



GreeneDIH
Digital Innovation Hub

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Environmental Policy

2025 Edition

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Green Digital Innovation HUB (GeDIH)

Administered by Green Technology CLUSTER (GTC) as GeDIH Governor and Green Technology Association (GTA) as CLUSTER Legal Management Entity, Registration no. 114/ 05.12.2019, fiscal code: 42055400
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1. INTRODUCTION

At Green eDIH, we understand that digital transformation plays a significant role in shaping the future of both society and the environment. As a digital innovation hub working at the intersection of technology and sustainable development, we are committed to ensuring that our activities contribute positively to climate action, resource efficiency, and environmental stewardship.

Our position within the regional and European digital ecosystem allows us not only to apply sustainable practices internally but also to influence the broader network of startups, SMEs, research institutions, and public sector bodies with whom we collaborate. Through this policy, we reaffirm our responsibility to minimize the environmental footprint of our operations, encourage the adoption of green technologies, and help advance solutions that address pressing environmental challenges such as climate change, resource depletion, and electronic waste.

This commitment aligns with European priorities, including the Green Deal, the Digital Europe Programme, and the circular economy agenda. We recognize that innovation must be sustainable to be meaningful, and we strive to embed environmental responsibility into every level of our projects, partnerships, and internal processes.

2. OUR ENVIRONMENTAL COMMITMENT

Our environmental commitment is rooted in the belief that continuous improvement and accountability are essential for achieving meaningful progress. We set measurable goals to guide our actions and track our performance against those objectives to ensure transparency and tangible results.

We are dedicated to reducing our environmental impact in three primary areas: pollution prevention, resource consumption, and collaboration for broader environmental benefit. In practice, this means minimizing the use of non-renewable energy, promoting the use of renewable sources, and optimizing digital infrastructure to be energy- and resource-efficient. It also means addressing the lifecycle of digital equipment, from procurement and use to reuse, recycling, and responsible disposal.

Beyond our own operations, we actively work with partners, suppliers, and other stakeholders to promote sustainable practices throughout the digital ecosystem. This includes supporting research and development in green digital technologies, sharing best practices for energy and resource management, and advocating for policies that encourage circularity and low-carbon innovation.

Through this policy, we commit to maintaining high standards of environmental responsibility while fostering collaboration across sectors to drive positive environmental outcomes.

3. SPECIFIC COMMITMENTS

As a digital innovation hub, Green eDIH is uniquely positioned at the intersection of technology development, policy alignment, and industry collaboration. Our role is not limited to providing support for digital transformation but extends to actively contributing to the environmental sustainability goals set by the European Union, national authorities, and regional ecosystems. We see ourselves as both a facilitator and an implementer of environmental policies within the digital sector.

Our specific commitments reflect how we translate these broader goals into concrete actions. We work not only within our own organization to reduce resource consumption and environmental impact, but also with partners, suppliers, and stakeholders to ensure that sustainable practices are integrated into the wider digital landscape. Whether through reducing emissions, promoting the circular economy, or supporting sustainable procurement, our role involves encouraging and enabling responsible choices throughout the ecosystem.

These commitments align with European frameworks such as the European Green Deal, the Circular Economy Action Plan, and digital sustainability goals under the Digital Europe Programme. Through measurable targets and transparent monitoring, we ensure that our efforts are meaningful and responsive to both environmental challenges and sectoral needs.



3.1 Energy and Water Efficiency

Energy and water use are key areas where digital activities intersect with environmental sustainability. Green eDIH recognizes that digital infrastructure—such as data centers and server networks—requires significant energy inputs. Therefore, we prioritize energy and water efficiency across all operations.

Our strategy involves adopting energy-efficient servers and expanding the use of cloud infrastructure that is optimized for resource use. These steps are designed to help us achieve a 25% reduction in overall energy consumption by 2030. In parallel, we are working toward sourcing 40% of our electricity from renewable sources, supporting a broader transition toward clean energy across the digital sector. This includes encouraging our partners to consider similar targets in their own operations.

Water efficiency, though less commonly associated with digital operations, is an important consideration in areas such as data center cooling systems. We support the implementation of water-saving technologies to reduce water consumption by 20% across our facilities and will continue to identify ways to improve water efficiency in collaboration with our technology providers and partners.

3.2 Waste Reduction and Circular Economy

The rapid pace of digital technology development often leads to significant waste generation, particularly in the form of electronic waste (e-waste). Green eDIH is committed to reducing this impact by promoting the reuse, refurbishment, and recycling of digital equipment.

Our aim is to achieve a 30% reduction in electronic waste by 2030. This will be accomplished through a combination of extending the lifecycle of devices, supporting refurbishment programs, and ensuring responsible disposal of outdated equipment. Additionally, we actively promote circular economy principles in the procurement and design phases. By encouraging the use of recycled materials in digital infrastructure, we are targeting 50% adoption of recycled components among our partners and suppliers by 2030.



Our role also involves sharing best practices and supporting the development of systems that enable more effective e-waste management, both internally and across the digital innovation ecosystem.

3.3 Sustainable Digital Innovation

As an innovation hub, Green eDIH supports the development of digital technologies that not only drive progress but also contribute to environmental sustainability. We prioritize research and development that results in energy-efficient systems, better resource management tools, and solutions that reduce the carbon footprint of digital processes.

By 2028, at least 12% of our annual R&D budget will be allocated to sustainability-oriented digital innovation. This investment supports the design of new tools and platforms that enhance energy efficiency and reduce emissions associated with data processing and storage. Our long-term goal is to contribute to a 20% reduction in emissions linked to data-related activities by 2030.

Through collaboration with startups, SMEs, and research institutions, we ensure that these innovations are practical, scalable, and aligned with environmental objectives, further strengthening the role of digital technology in addressing global sustainability challenges.

3.4 Sustainable Procurement

Procurement decisions play a significant role in shaping environmental outcomes. At Green eDIH, we maintain responsible procurement practices by sourcing from suppliers who demonstrate compliance with environmental standards and avoid high-impact materials. This includes prioritizing suppliers who provide energy-efficient devices, reduce packaging waste, and avoid toxic components.

Our target is to ensure that at least 70% of our suppliers meet defined sustainability criteria by 2030. These criteria include commitments to reduce single-use plastics, source recycled materials, and minimize the carbon footprint of production and logistics processes. We also encourage our partners to adopt similar procurement principles, ensuring that sustainability considerations extend throughout the digital supply chain.



3.5 Sustainable Transportation and Remote Work

Transportation, particularly business travel, is another area where digital activities intersect with environmental concerns. Green eDIH supports sustainable mobility and remote work as key measures to reduce emissions associated with transportation.

Our approach includes promoting digital-first collaboration models that reduce the need for physical travel and encouraging the use of sustainable transport options for those occasions where travel is necessary. This includes incentives for electric vehicles and support for public transport use. Our goal is to increase the use of sustainable transport methods among staff by 20% by 2027 and to reduce work-related travel by 25% through expanded remote collaboration infrastructure.

These measures contribute to reducing our overall carbon footprint while also promoting more flexible and resilient working practices.

3.6 Employee and Partner Engagement

Engagement with employees, partners, and the wider innovation ecosystem is central to achieving our environmental goals. We recognize that awareness and collaboration are essential for sustaining progress in environmental responsibility.

By 2026, we aim to achieve full participation in sustainability training among our staff and key collaborators. This training focuses on integrating environmental considerations into day-to-day operations and decision-making. Additionally, starting in 2026, we will host an annual Green Digital Innovation Forum, bringing together partners, experts, and stakeholders to share knowledge, discuss challenges, and explore opportunities for environmental innovation in the digital sector.

Through these efforts, we ensure that environmental responsibility remains an active part of our culture and the broader ecosystem in which we operate.

3.7 Environmental Innovation and Collaboration

Green eDIH's role in environmental innovation extends beyond our own projects. We actively collaborate with academic institutions, public authorities, and private sector partners to develop solutions that improve energy and resource efficiency and reduce the environmental impacts of digital technologies.

Our commitment includes directing at least 15% of our R&D efforts toward green digital solutions by 2028. These solutions may include tools for emissions monitoring, energy management platforms, and resource optimization systems. We also support initiatives that aim to reduce carbon emissions across the digital sector, ensuring that innovation contributes to broader environmental goals.

By fostering collaboration across sectors and disciplines, we aim to contribute to the development of scalable solutions that support environmental sustainability both within and beyond the digital innovation ecosystem.

4. MONITORING AND REPORTING

To ensure that our environmental commitments are not only aspirational but also measurable and achievable, Green eDIH maintains a structured and consistent approach to monitoring and reporting. This process enables us to track progress, identify areas for improvement, and remain accountable to our stakeholders.

Environmental performance metrics are collected on a quarterly basis. These include, but are not limited to, data on energy consumption, water usage, waste generation (with a focus on electronic waste), and procurement practices aligned with sustainability standards. The collection of these metrics allows us to assess whether we are on track to meet our targets, such as reducing energy consumption by 25% and sourcing 40% of our electricity from renewable sources by 2030.

In addition to internal monitoring, annual internal audits will be conducted to ensure that all practices comply with both Green eDIH's internal standards and applicable external regulations, including European environmental legislation and any sector-specific guidelines relevant to digital technologies. The audits will assess operational practices, procurement processes, waste management, and energy usage against our established objectives.

The outcomes of these audits, alongside quarterly monitoring data, will be synthesised in an annual sustainability report. This report will provide a comprehensive overview of our environmental performance and will be made publicly available to all stakeholders. It will include reflections on progress, areas of challenge, and any adjustments introduced over the year.



The environmental policy itself will be reviewed annually to ensure that it remains aligned with legislative changes, technological advancements, and strategic priorities. This review process allows us to respond to emerging environmental concerns, update targets as necessary, and refine monitoring methods. Any updates to the policy or its implementation approach will be communicated to partners, collaborators, and stakeholders to ensure shared understanding and coordinated progress across the ecosystem.

5. CONCLUSION

Green eDIH remains steadfast in its commitment to driving sustainable practices within the digital sector. We recognise that digital innovation and environmental responsibility must advance together, and we take seriously our role in shaping how these two areas intersect.

Through consistent monitoring, transparent reporting, and ongoing collaboration with partners, we aim to contribute meaningfully to reducing environmental impact and fostering long-term sustainability. Our approach integrates responsible operations, innovation that prioritises environmental outcomes, and partnerships that align with shared sustainability goals.

This policy reflects our long-term commitment to environmental responsibility and serves as a guiding framework for our continued efforts to ensure that digital transformation is not only innovative but also ethical, inclusive, and environmentally conscious. We remain open to feedback and committed to continuous improvement, ensuring that our actions support both the digital economy and the health of our shared environment.

On behalf of Green Digital Innovation HUB (Green eDIH)

Date: April 2025

Name and title: Gabriel Munteanu – GTA President

Signature:

