The

GreenCyber®
Charter

Charter Purpose

The two greatest global risks that governments today identify are uncontrolled and accelerating climate change and uncontrolled technological advancement.

Whilst the effects of climate change are now well established, the rapid emergence of new technologies notability Artificial Intelligence and Quantum computing have accelerated the conversation around security and sustainability.

Indeed, they were a core topic of discussion by world leaders at the Global AI Safety Summit hosted by the UK Prime Minister in 2023 at Bletchley Park

In 2024 The McPartland Review commissioned by the UK Government to produce a report on cyber security and economic sustainability, highlighted and recommended that "Green Cyber" was an area where the United Kingdom could provide a global lead in thought leadership, innovation and practical solutions.

The GreenCyber® Charter has therefore been created to set four foundational pillars upon which Industry, Academia, Public Bodies and Government collectively agree to adhere to;-

1. That all areas of Cyber, be that Security, AI, Innovation or Human related consider sustainability and environmental impact as part of their design, implementation or disposal.

2. That a minimum ESG standard should be maintained to enable organisations and individuals to demonstrate their support and actual contribution with a GreenCyber® accreditation.

3. For organisations to adopt the concept of Green by Design to sit alongside Secure by Design

4. To facilitate where possible research, best practice, knowledge and Innovation across the Global GreenCyber® Community

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Commitment to Principals

By supporting this charter, we signal our commitment to working in partnership to meet the GreenCyber ® ambitions in delivering a world leading body and forum for technology-based sustainability.

We commit where possible to:

1. Designing our products, services, and systems on the principle of Green by Design with verification for supply chains on their sustainability and carbon zero targets

2. Where Artificial Intelligence and Quantum Computing are used that emphasis is given on the green credentials of any research, design or final products both in production and running.

3. That best practise be shared where commercially possible for the benefit of all. A focus on carbon negative solutions and on Artificial Intelligence products that would benefit global communities.

4. Data storage and archiving to be considered a priority at all times to free up valuable capacity and reduce negative carbon emissions as well as reduce costs.

5. Cyber Protection of infrastructure that supports green energy (wind farms , solar panel etc) to be treated and managed as a separate risk by organisations

6. Encourage the sharing of data available to others to support the development, testing, and evaluation of sustainable IT products and services.

7. Promote knowledge transfer and professional development.in others.

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