SCIGNE Platform's Green Computing Policy

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Authors: The SCIGNE Team

Revision	Changes Made	Date	Author
1.1	Updated format to be compatible with an ISO 9001 certification	10/08/2023	Jérôme Pansanel
1.0	Initial release of the document	12/12/2022	Jérôme Pansanel

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Green Computing Policy

1.1 Policy

This document describes the policy for the purchase, use and recycling of Information and Communication Technology (ICT) in order to minimise its environmental and social impact. It covers both hardware and software aspects.

The concept of Green Computing applies the principles of environmental sustainability to the digital world, whether in data centres, networks or office equipment. Green computing also includes the reduction of polluting impacts over the entire life cycle of IT equipment:

- Extration of raw materials

- Hardware manufacturing

- Assembly of equipment

- Shipping

- Use phase

- Disposal

The following attributes are to be taken into consideration:

- Reduced or no toxic constituents

- Recycled-content

- Designed for recycling

- Efficient and limited energy usage

- Extended product life

- Upgradeable hardware

- Social policy of suppliers and subcontractors

- Certification of the recycling chain

1.2 Policy Statement

As part of the application of the Green Computing policy, the team in charge of the SCIGNE platform is committed to several actions.

1.2.1   Establish a Green Computing Charter

The first action is the drafting of a *Best Practices* document in relation to this policy. This document will address the following points in particular:

- Description of the criteria for assessing the platform's energy impact

- Methods for monitoring environmental performance indicators

- Rules in place for the acquisition of IT equipment

- Good practices in the operation of equipment

- Procedure for recycling equipment

- Dissemination of good practices to partners

- User support for an efficient use of IT resources

- Training of the platform's employees in the field of Green Computing

1.2.2   Manage the Platform Environmental Impact

In order to have a voluntary and dynamic policy to reduce our environmental impact, the SCIGNE platform team will ensure the following actions:

- Implement and maintain an energy management program that seeks to reduce energy consumption and encourage and utilize sustainable energy solutions

- Establish, maintain and make available to the people concerned policies and procedures that improve efficiency and reduce environmental impact

- Ensure compliance with industry environmental standards as appropriate and applicable to the platform's activities

- Assure that the SCIGNE platform's team receive training and are fully engaged in the goals of the Green Computing policy

- Consistently review indicators as a basis to improve the environmental performance

1.3   Implementation Responsability

The SCIGNE staff will implement this policy during the course of normal business activities, including project execution and the design, development or support of systems. The staff will also promote this policy to the platform's users and partners.

1.4   Update of this Policy

We may change this Green Computing Policy at any time. If we update this policy, it will me made available on the SCIGNE plaftorm website. We therefore recommend that you regularly visit the site to keep yourself informed on possible updates.

If there is ambiguity or confusion regarding any part of this policy, please contact the SCIGNE staff using the following address: scigne@iphc.cnrs.fr.