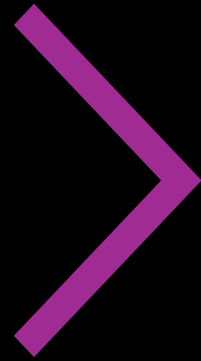Digital development won't be inclusive unless it's environmentally sustainable.

> But what does it mean to be sustainable in the digital world?

**Big technology corporations:** sustainability as mere efficiency in the use of resources.

**Communities:** sustainability as the pulse of their territorial realities.

**Governments:** sustainability as a constant tension between investment and the well-being of the population.

**"**

Most of the value added in the digital economy is captured by developed and some digitally advanced developing countries, while many of the costs are most harshly felt in other developing countries.

Countries at different levels of development are unevenly affected by environmental impacts related to the various stages of the digitalization life cycle.
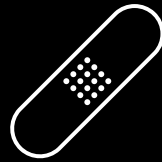
## Public policies should aim to:

Redirect the current logic that dominates technological development (and is concentrated in a few global players) to be climate and ecologically responsible.
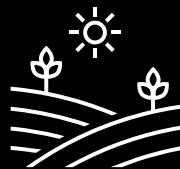
Restore balance to the digital economy by promoting new forms of technology and innovation that enhance and enrich it, fostering technodiversity.

# Data centres will use twice as much energy by 2030 – driven by AI

**These facilities accounted for roughly 1.5% of global electricity consumption in 2024.**

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## The AI boom may unleash a global surge in electronic waste

Most e-waste is never recycled. Data center upgrades for AI projects could significantly add to the problem, researchers say.
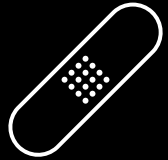
October 29, 2024

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# Deciphering AI Water Consumption: How Amazon Hides How Much Water Its Cloud Consumes in Spain (Spanish)
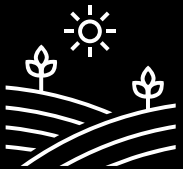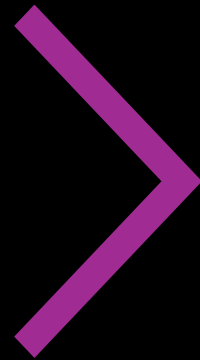
Country:

SPAIN

Not all technology causes the same socio-environmental damage, and not all technology companies have the same responsibility.

Redirect the current logic that dominates technological development to be climate and ecologically responsible.

Restore balance to the digital economy fostering technodiversity.

- Cooperation & coordination

- Transparency & access to information

- Participation

- Restoring biodiversity in the digital ecology before our possibilities become extinct

Let's not miss this opportunity
.

NASA/JSC, July 20, 1969