

The sustainability of our data centers



We have carried out an extensive transformation of data centers to offer infrastructure designed and built according to **eco-sustainable** and **energy-efficient criteria** and which ensure the highest levels of performance and safety.

Our assets

7 Core Data Centers

offering cloud and colocation services at maximum performance



6 Public Cloud Data Centers

where the platforms of the most relevant public cloud providers operate

3 Service Centers

i.e. secure and reliable micro data centres close to customer sites



Noovle, leading Noovle, TIM Group's leading cloud enabler that manages data centers, has adopted the form of a **Benefit Corporation** to make explicit its mission to promote digitisation according to the principles of sustainable development

Our Actions

1. Sustainable design and management criteria

The buildings that house our data centers, whether new construction or created for different purposes and then converted, have been designed with contaminant-free building materials, with lighting systems that reduce light pollution and with environmentally friendly paints



100% renewable energy in our data centers

2. Energy from renewable sources

In addition to using energy from renewable sources, we have installed photovoltaic systems to increase self-generation of clean energy

3. Energy efficiency

Sensors used to control consumption and air conditioning systems using 'free cooling' technology to cool server rooms enable continuous improvement of the **PUE** (Power Usage Effectiveness) index



4. Certifications

Over 100 certifications obtained for our data centers attesting to the excellence in security, energy efficiency and low environmental impact achieved in managing the sites where the platforms of the most relevant public cloud providers operate

5. Circular economy

We collect and reuse rainwater
We use a great deal of recycled construction materials
We manage 90% of our waste, recycling iron, steel, aluminium, plastic, glass and wood

