

Cuerva Partners with Alto Infrastructure on Andalusia's First Large-Scale AI Data Centre

We are pleased to highlight that GEODE member [Cuerva](#) has entered into a **strategic partnership with digital infrastructure developer Alto Infrastructure to support the development of the SP01 data centre** in Escúzar (Granada). The project aims to become **Andalusia's first large-scale data centre specialising in artificial intelligence and one of Spain's largest AI and high-performance computing facilities**, strengthening Andalusia's position as a hub for advanced digital infrastructure.

The project, which is expected to mobilise **more than €3 billion in investment**, is already underway. While Alto Infrastructure develops the first phase of the facility, **Cuerva - through its electricity distribution activities - is already working on the development of the electrical infrastructure required** to meet the future demand of the project.

The partnership brings together Alto Infrastructure's expertise in next-generation data centres and Cuerva's extensive experience in energy infrastructure, electricity networks and complex power systems.

Designed to host advanced AI computing workloads, the **data centre will be powered entirely by renewable energy** and will use closed-loop liquid cooling technology, resulting in almost zero water consumption. Once fully developed, it will require up to **100 MW of redundant electrical capacity**. To meet this demand, **the existing Escúzar substation will be expanded**, followed by the construction of a new **220/132 kV** substation connected to Red Eléctrica de España. This will **create a second independent supply point and provide the operational redundancy required for critical digital infrastructure of this scale.**

The project will be delivered in phases, with the **first operational capacity expected in June 2027** and **further expansion** planned throughout **2027** and **2028**.

By combining Alto Infrastructure's expertise with Cuerva's local knowledge and extensive experience, the partnership provides a strong foundation for the successful delivery of the SP01 project. This close collaboration demonstrates how **early and sustained coordination between data centre developers and high specialised energy companies can enable major investments, ensure a secure, resilient and sustainable electricity supply, and support the responsible growth of advanced digital infrastructure.**