AWS investment in Aragón and in Spain represents a transformative moment that is delivering measurable economic growth, deep community engagement, and innovative sustainability leadership—demonstrating how cloud infrastructure can be a catalyst for regional prosperity while operating with exceptional environmental efficiency.

REGIONAL OPERATIONS

Three Availability Zones operational since November 2022 (Villanueva de Gállego, Burgo de Ebro, Huesca)

ECONOMIC IMPACT & GROWTH

- **€33.7 billion planned investment through 2035** (announced in March 2026).
- **€31.7 billion estimated contribution to Spain's GDP** (€18.5 billion to Aragón specifically).
- **29,900 jobs supported annually** in local businesses across Spain, including direct, indirect, and induced (**13,400 in Aragón**).
- Of those, **6,700 are full-time jobs** from Amazon's direct investment (**4,200 in Aragón**).
- Planned supply chain facilities in Aragón will add provide an additional **1,800 jobs** when operational. Facilities will include:
    - Server manufacturing plant
    - Manufacturing fulfillment warehouse
    - AI/ML server manufacturing and repair facility (circular economy)
- **High-quality job profiles**: operations managers, electrical engineers, sustainability supervisors, hardware technicians, logistics experts, security operators.
- **AWS Partner & Vendor growth**:
    - Hiberus Tecnología: expanded to ~3,500 employees (200+ specialists in AWS services), becoming a leading AWS partner helping businesses across Spain migrate to and optimize their cloud environments.
    - Levitec: grew from 80 to 400+ employees in 5 years driven largely by the opportunities created by AWS data center operations in the region.
    - ALAN Commissioning: the arrival of AWS infrastructure in Aragon allowed the company to specialize in commissioning and testing services for data centers, and thanks to this opportunity, they expanded their service offerings. Today, ALAN COMMISSIONING has a team of 65 professionals and is a leader in the infrastructure sector. Furthermore, the company is strongly committed to young talent in Aragon by creating an internal training program aimed at recent engineering graduates from the region.
    - Gilva: since it began collaborating with AWS on the construction of its data centers in 2023, its revenue linked to these projects has multiplied by more than 6x, its overall revenue has grown by 23%, and its workforce by approximately 15%. Additionally, the arrival of AWS has led the company to develop a new product specifically designed for cable routing intended for data centers.
    - Giral Excavaciones y Obras: its revenue has grown by around 22%, and its workforce has expanded by 25%, both increases directly linked to the execution of construction works for AWS since 2021.
    - Gotor Comunicaciones: Since it began developing telecommunications solutions for AWS data centers in 2022, it has experienced a 10–15% increase in revenue and a 20% growth in its workforce. Furthermore, it has developed a new business line specializing in data centers, diversifying its operations and entering a strategic, future-oriented sector of particular importance in Aragón.
- A independent study by GfK, part of NielsenIQ, commissioned by AWS found that **AWS's digital infrastructure is driving revenue, employment, and new business opportunities at home and internationally for the Aragonese and Spanish companies** that help build and operate the data centers.

LOCAL COMMUNITY COMMITMENT

- **InCommunities impact (2023-2026):**
    - 114 local projects supported.
    - $1.76 million invested.
    - $3.95 million in economic social value (*measured by COMGO, independent consultancy that uses AI-powered analytics to assess the social return of local community investments*).
    - 54,000+ direct beneficiaries.
- Additional **€30 million commitment** to support in community programs across Spain through 2035 —announced in March 2026.

- **Key initiatives:**
    - Two InCommunities Funds supporting 48 hyperlocal projects (10,000+ beneficiaries)
    - Partnerships with Real Zaragoza and SD Huesca football clubs to support grassroots football tournaments and promote values like teamwork, healthy competition, and community.
    - In 2024 we partnered with ECODES, Spanish ecology association, on a pilot to improve energy efficiency at a local school in El Burgo de Ebro, creating a local energy community that channels surplus energy back to benefit over 1,800 residents.
    - Collaboration with local NGO Apadrina un Olivo to digitalize Aragón's rural entrepreneurial ecosystem, empowering 450 local self-entrepreneurs through digital training and funding, while inspiring over 550 students across 43 municipalities with entrepreneurship workshops showcasing local innovation.
- **STEM education:** in 2023, AWS launched "Think Big Space", a robotics training program reaching 7,400+ students across 45 schools in Huesca, Zaragoza and Teruel.
- **Workforce development:**
    - In 2022, AWS partnered with Government of Aragón to train +2,000 students in IT vocational training through AWS Academy program.
    - In 2024 we launched AWS re/Start program in Aragon, providing free cloud skills training for unemployed and underrepresented community members

SUSTAINABILITY & EFFICIENCY LEADERSHIP

Inside the Fence — Data Center Excellence:

- Matching the energy used in our data centers in Aragón with 100% renewable energy from day one.
- 17 renewable energy projects in Aragón (part of 100 projects across Spain generating 3.7 GW).
- **World-class water efficiency**: AWS global PUE (Power Usage Effectiveness) of 1.06 vs. 1.25 cloud industry average, 1.63 on-premises data center.
- **Water efficiency:** AWS's Water Use Effectiveness (WUE) in Europe is 0.12 liters/kWh (**7 times more efficient** than the industry average of 0.84 L/kWh).
- Amazon data centers are **7 times more water-efficient than the industry average**, using air cooling for most of the year and water only on the hottest days.
- In fact, in 2025, AWS data centers in Aragon used approximately 68 million liters of water (0.068 hm^3) in their operations, which would be equivalent to **0.03% of the total industrial water demand of the Ebro River Basin District** (208 hm^3/year), according to the Ebro River Basin Management Plan 2022-2027. In other words, if the industrial water consumption of the Ebro basin were represented by a 2-liter bottle, **AWS's data centers in Aragon would only account for 13 drops**. For more information on AWS's efficient water use in Aragon, see this post.
- AWS data centers are up to 4.1 times more energy efficient than on-premises facilities. When workloads are optimized on AWS, the associated carbon footprint can be reduced by up to 99% (Accenture research 2024).
- AWS is building **water reservoirs** in Aragon to store rainwater that will be treated for cooling and refrigeration purposes within its data centers. In conjunction with additional community water infrastructure restoration projects, this will help alleviate water scarcity and facilitate water access for local residents.

Outside the Fence — Community Environmental Commitment:

- **More than €21 million** investment in for major water projects:
    - **Zaragoza flood management**: artificial intelligence (AI) and Internet of Things (IoT) platform benefiting 700,000 residents with predictive flood risk assessment and early warning system.
    - **Agricultural efficiency**: Partnership with Agrow to help 430 farmers in El Burgo de Ebro and Villanueva de Gállego maximize crop yields while reducing water footprint.
        - "*AWS smart irrigation saves us 50% of our previous water consumption annually—93 million liters—while improving crops and cutting costs through precise data analysis*" — Miguel Ángel Ferrer, farmer and owner of 'Finca El Forado' in Aragón.
    - **Huesca water infrastructure**: Modernizing San Julian de Banzo pipeline serving 56,000 residents.
    - **Zaragoza water infrastructure**: In collaboration with Comunidad General de Usuarios del Canal Imperial de Aragón, and with the support of Agrow, this project will replace 25 kilometers of open-air irrigation ditches with closed pipelines, thereby reducing water losses from evaporation and leaks.
- Additional water projects:
    - ML-powered leak detection in Villanueva de Gallego water system.
    - Farm runoff project delivering 864 million liters of clean water annually to community.

- **AWS already replenishes more water than its data centers consume in Aragón**: For every liter AWS needs to operate its data centers in Aragón, approximately 15 liters are returned to the local water system through these projects.
- **Water positive goal**: Globally, AWS aims to return more water than consumed by 2030 (75% toward goal by end 2025).