

**Interreg
Europe**



Co-funded by
the European Union



CHEERS4EU

Introduction to the project partner – CHEERS4EU

Asturian Agency for Science, Business Competitiveness and Innovation



Agencia de Ciencia, Competitividad Empresarial
e Innovación del Principado de Asturias

Spain





Our current goal:

To make the Asturias Paradise Hub 4 Circularity a reality



**Asturias Paradise
Hub 4 Circularity**
AsPH4C

[Asturias Paradise Hub 4 Circularity](#)





ASTURIAS TERRITORIAL PROFILE

CENTRAL AREA

- Industrial landscape. High population density

Basic materials sector: 40% of the industrial sector employment.

Commodities:

- Steel
- Zinc
- Pulp
- Fibre
- Cement
- Glass

Two major ports in Gijón and Avilés

THE WINGS

- Rural landscape. Dispersed population

Elderly population

High natural value

Primary sector





THE ASTURIAN CHALLENGE OF COEXISTENCE

- Industrial CO₂ emissions: 11 kton 2021
- Waste: 52% goes to landfill - 61% industrial waste
- More than 40% of the territory protected





A tool for place-based innovation

GOALS

- **Industrial and Urban Symbiosis**
To promote the implementation of new circular value chains: processes that connect Waste-Technology-Industry products or raw materials.
- **Technology development and process Scale-Up**
To accelerate the adoption of waste valorisation technologies by industry.
- **Inventory of R&D infrastructures**
To test combination of technologies using existing pilot plants in Asturias to propose new comprehensive valorisation circuits.



Agencia de Ciencia, Competitividad Empresarial
e Innovación del Principado de Asturias



**Asturias Paradise
Hub 4 Circularity
AsPH4C**





A work programme for place-based innovation

INICIATIVES

- **R&D grants for a Circular and Carbon Neutral Industry**
Funding programme for the development of new technologies and scale-up processes that address circularity in industry.
- **Investment grant programme to support the implementation of circularity in industry**
Special attention will be given to collaborative initiatives aimed at achieving industrial symbiosis or urban-industrial symbiosis.
- **Programme for study visits to pilot plants in the Inventory**
For university masters students, as a result of the implementation of an educational cooperation agreement between SEKUENS and the University of Oviedo.



Agencia de Ciencia, Competitividad Empresarial
e Innovación del Principado de Asturias



**Asturias Paradise
Hub 4 Circularity**
AsPH4C





EU Interregional cooperation

SK is member of A.SPIRE, the Vanguard initiative and the Partnership for Regional Innovation

Seeking synergies and complementarities.

- In 2019. SK-JRC. Innovation Camp.
*Science for the transition to a circular economy.
Covadonga National Park*
- In 2023. SK-JRC. PRI pilot project
*Connecting regional innovation valleys through circular industries.
Laboral Centro de Arte. Gijón*



Agencia de Ciencia, Competitividad Empresarial
e Innovación del Principado de Asturias



**Asturias Paradise
Hub 4 Circularity**
AsPH4C



**Interreg
Europe**



Co-funded by
the European Union



CHEERS4EU

FOLLOW THE JOURNEY OF ALL PROJECT PARTNERS



provincie limburg



SKIVEKOMMUNE



Standortagentur



UNIVERSIDADE D
COIMBRA

P.PINK



Agencia de Ciencia, Competitividad Empresarial
e Innovación del Principado de Asturias

www.interregeurope.eu/cheers4eu