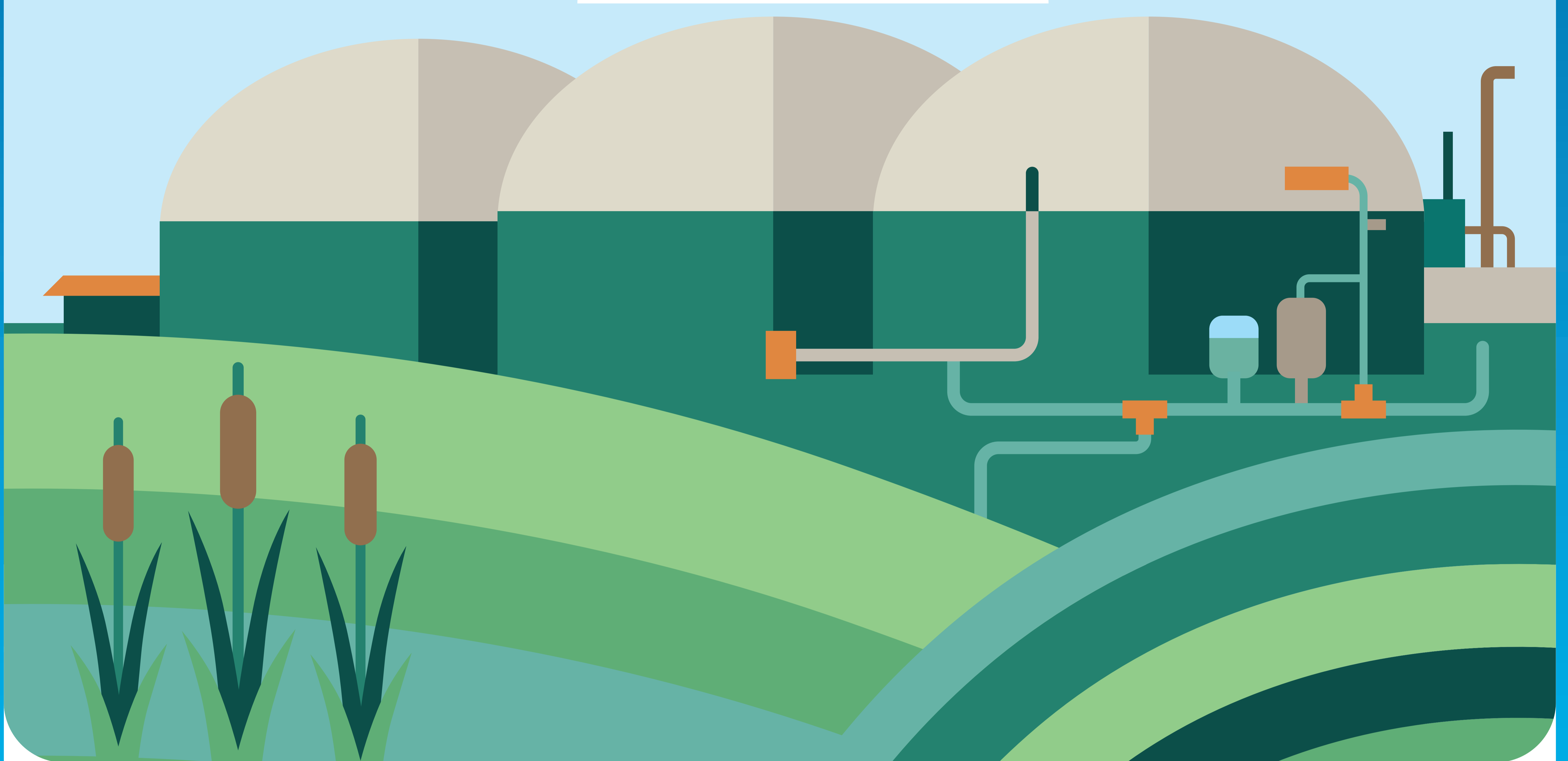




# GreenCouple

## Sustainable biogas purification by integration of a nature-based solution for digestate centrate treatment with biological H<sub>2</sub>S removal



### THE GOAL

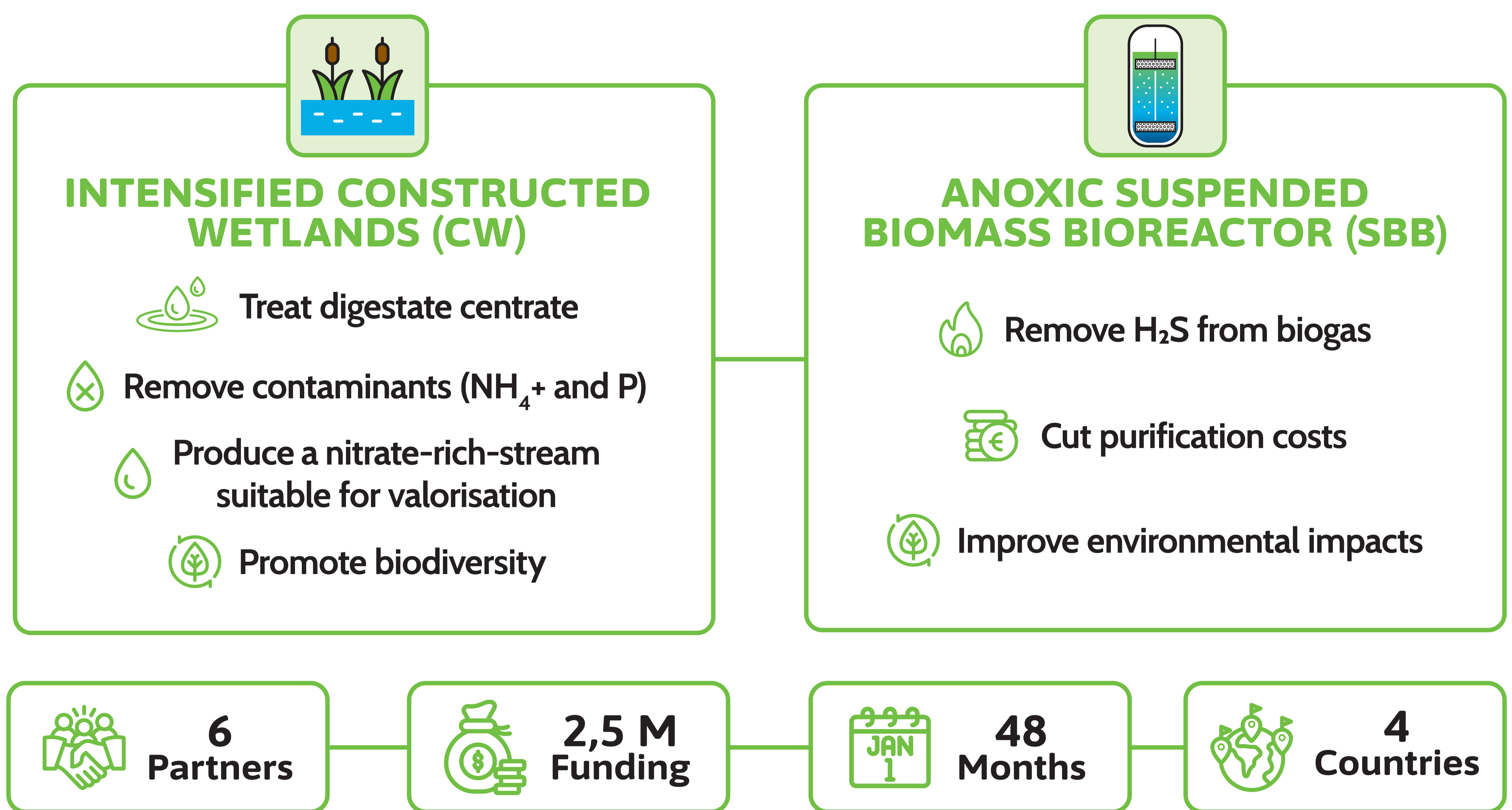
LIFE GreenCouple combines two innovative technologies to turn anaerobic digestion (AD) byproducts into cleaner streams through a low impact and circular purification approach.

### THE CHALLENGE

Improve the sustainability and valorisation of waste streams generated by AD plants treating agro-industrial wastes and/or sewage sludge from wastewater treatment plants (WWTPs).

### OUR SOLUTION

LIFE GreenCouple links bioreactors and wetlands in a disruptive, never-before-reported combination to purify biogas and increase sustainability of anaerobic digestion. It will be tested at 3 demo sites in Spain and Ireland to demonstrate a sustainable, cost-effective approach.



### THE PARTNERS

Coordinator



### FOLLOW THE JOURNEY



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