



ECOLOGICAL RESTORATION IN THE PANTANAL

Impacting Communities and Ecosystems

The Pantanal is one of the largest floodplains on Earth, sustaining biodiversity, ecosystem services, and traditional livelihoods. Recent extreme events, for instance droughts and wildfires, highlight the urgent need for adaptive restoration actions which integrate scientific knowledge with local practices.

Wetlands International Brazil and Mupan – Women in Action in the Pantanal

work directly on the recovery of degraded landscapes, combining restoration techniques, community training, and monitoring. Our goal is to restore essential ecological functions such as water regulation and habitat connectivity, whilst also generating local socio-economic benefits.



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AquaREla Pantanal Initiative

A restoration project of **46 hectares of native vegetation** along the Cuiabá River – within the Sesc Pantanal Private Natural Heritage Reserve (RPPN, the largest in Brazil with 108,000 hectares Ramsar Site since 2023 and Core Area of the Pantanal Biosphere Reserve since 2000). The initiative engages surrounding **traditional communities, especially women**, through the **implementation of social technologies, capacity-building, management tools, and mitigation actions.**



32 training
events held



2 community
nurseries
established
(combined
annual
capacity:
80,000
seedlings)



50.000+
seedlings
produced
since 2021,
representing
58 different
species



10.000+
native
trees
planted
(7,093 in the RPPN;
~3,000 through
community-led efforts)



46 hectares
under restoration
within the Sesc
Pantanal RPPN



80%
of nursery
management
led by women
from local
communities



37
families
directly
engaged in
restoration
activities



R\$ 400.000
invested
in nursery construction,
infrastructure, and
institutional support



Recognition:
2022 Hugo
Werneck Award

Best Example
of Social
Mobilization



Pantanal Restoration Framework

Development of a technical protocol for the restoration of the Pantanal and other wetlands, with guidelines for monitoring and adaptive practices tailored to macro-habitats and the specific dynamics of the biome.

First restoration protocol specifically designed for the Pantanal

(macro-habitat based).

Compilation and analysis of 7 restoration projects

generating applicable scientific evidence.

2 technical workshops

held with managers and restoration project teams.



3 publications generated

(protocol, monitoring guide, and practical synthesis).

Technical contributions to the Pantanal Restoration Pact

including inputs for public policy.





Support for the Kadiwéu Indigenous Territory

Revitalization of culturally significant nurseries, knowledge exchange with other traditional communities, and seedling planting at a key spring site and watercourses, with a focus on mapping new areas for ecological recovery.



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