

Bachelor Internship Opportunity: Exploring the financial viability of *Typha* paludiculture for sustainable wetland management

The **Department of Ecology** at Radboud University is seeking motivated and analytically minded Master's students to join our team and contribute to an exciting project focused on the **economic potential of *Typha* paludiculture**.

Description:

This internship provides a unique opportunity to explore the **financial aspects of *Typha* paludiculture**, a sustainable approach to wetland management. *Typha latifolia* (cattail) is a promising species for **biomass production**, and next to this it provides ecosystem services such as **water purification**, and **carbon sequestration**. These make *Typha* paludiculture an attractive option for restoring degraded peatlands.

As part of our research team, you have an opportunity to for example:

- **Analyze the economic feasibility** of *Typha* paludiculture, including production costs, market potential, and profitability.
- Assess the potential for ***Typha* biomass** to be used in industries such as **bioenergy**, **construction materials**, or **fiber production**.
- Conduct **cost-benefit analyses**, evaluate possible **subsidies** and **incentives**, and explore **market opportunities** for products derived from *Typha* biomass.
- Engage in discussions on the **scalability** and **investment potential** of *Typha* paludiculture as part of integrated wetland restoration strategies.



Expected Qualifications:

We are looking for students with a passion for both **ecology** and **economics**, as well as an interest in sustainable business models. You should have excellent organizational skills, a keen eye for detail, and the ability to work both independently and collaboratively within a team.

Application:

If you are excited about applying your financial expertise to ecological solutions, we would love to hear from you! Please contact:

- **Sannimari Käärmelahti** (sannimari.kaarmelahti@ru.nl)
- **Dr. Gabrielle Quadra** (gabrielle.quadra@ru.nl)
- **Dr. Christian Fritz** (christian.fritz@ru.nl)

Join us in our mission to make ***Typha* paludiculture** a financially viable and sustainable solution for wetland restoration!