

Information sheet

Successful Ecosystem Restoration through Biosecure Nursery Production

This Policy Brief is part of a series aiming to inform policymakers involved in the implementation of the EU Nature Restoration Regulation (NRR) with science-based policy recommendations building on the expertise of the BiodivRestore Knowledge Hub members. This brief may also support any stakeholders involved in the implementation of the NRR.

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The key research results presented were co-drafted and validated by a researcher from the BiodivRestore Knowledge Hub: Dr Thomas Jung, as well as external contributors: Dr Marília Horta Jung, Dr Ana Pérez-Sierra, Dr Bruno Scanu.

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The BiodivRestore Knowledge Hub

In October 2020, BiodivERsA and Water JPI launched the BiodivRestore ERANET COFUND to support research on conservation and restoration of degraded ecosystems and their biodiversity, including a focus on aquatic systems, co-funded by the European Commission under Horizon 2020. Building on its success and the funding of [22 research projects](#), BiodivRestore partners established a pan-European Knowledge Hub on Nature Restoration.

The [BiodivRestore Knowledge Hub \(KH\)](#) was launched in May 2024 to strengthen the science–policy interface for the implementation of the EU Nature Restoration Regulation (NRR). Bringing together 50 experts across Europe, the KH provides a coordinated platform to synthesise knowledge, inform national restoration planning, and support evidence-based decision-making. Its activities are structured around two task forces focused on implementation and research & innovation.

Photos by [Gilberto Peralta Bocio](#) on [Unsplash](#)

Footnotes

1. Regulation (EU) 2024/1991 of the European Parliament and of the Council of 24 June 2024 on nature restoration, and amending Regulation (EU) 2022/869.
2. [Shearer B.L. & Tippet J.T. \(1989\). Department of Conservation and Land Management, Perth, Research Bulletin No. 3.](#)
3. [Rizzo D.M., et al. \(2002\) *Plant Disease* 86, 205–214.](#)
4. [Jung T., et al. \(2018\) *Persoonia* 40, 182–220.](#)
5. [Corcobado T., et al. \(2020\) *Forests* 11, 895.](#)
6. [Deidda A., et al. \(2025\) *Plant Pathology* 74, 465–475.](#)
7. [Horta Jung M., et al. \(2025\) *Plant Pathology* 74, 330–362.](#)
8. [Migliorini D., et al. \(2015\) *Diversity and Distributions* 21, 1218–1229.](#)
9. [Jung T., et al. \(2016\) *Forest Pathology* 46, 134–163.](#)

10. [Mora-Sala B., et al. \(2022\) *Pathogens* 11, 826.](#)
11. [Bačova A., et al. \(2024\) *European Journal of Plant Pathology* 170, 131–156.](#)
12. [Green S., et al. \(2025\) *Plant Pathology* 74, 696–717.](#)
13. [Pérez-Sierra, A. & Jung T. \(2013\) *Phytophthora* in woody ornamental nurseries. In: Lamour, K., \(eds\) *Phytophthora: A global perspective*, 166–177. CABI, Wallingford, UK.](#)
14. [Parke J.L. & Grünwald N.J. \(2012\) *Plant Disease* 96, 1236–1244.](#)
15. [Santini A., et al. \(2013\) *New Phytologist* 197, 238–250.](#)
16. [Rooney-Latham S., et al. \(2019\) *Plant Disease* 103, 448–455.](#)
17. [Jung T., et al. \(2019\) *Forests* 10, 259.](#)
18. [Seddaui S., et al. \(2020\) *Forests* 11, 971.](#)
19. [Corcobado T., et al. \(2023\) *Mycological Progress* 22, 50.](#)
20. [Themann K., et al. \(2002\) *European Journal of Plant Pathology* 108, 337–343.](#)
21. [Redekar N.R., et al. \(2019\) *Phytobiomes Journal* 3, 31–45.](#)
22. [Ufer T., et al. \(2008\) *Online Plant Health Progress*.](#)
23. [Jung T. & Blaschke M. \(2004\) *Plant Pathology* 53, 197–208.](#)
24. [Green S., et al. \(2015\) *Plant Pathology* 64, 456–466.](#)
25. [Scanu B., et al. \(2015\) *PLoS ONE* 10\(12\), e0143234.](#)
26. [Garbelotto M., et al. \(2018\) *California Agriculture* 72, 208–216.](#)
27. [Frankel S., et al. \(2020\) *Forests* 11, 1291.](#)