TETTRIX

Taxonomy in action for the Kunming–Montreal Global Biodiversity Framework

TETTRIX strengthens the taxonomic knowledge, capacity, tools and connections needed to turn biodiversity commitments into action.

Funded by the European Union

TETTRIX

CETAF

T20

Capacity-building, technology transfer & scientific cooperation

Improving taxonomic expertise, skills, technologies and cooperation so that biodiversity knowledge can be generated and applied at the scale required for effective implementation.

T14

Mainstreaming biodiversity in decision-making

Bringing reliable species-level knowledge into policy, planning and practice so that biodiversity can be more effectively integrated into decisions across sectors.

Taxonomy for KMGBF implementation

Turning reliable species-level knowledge into capacity for biodiversity action.

T21

Knowledge available & accessible for biodiversity action

Closing taxonomic knowledge gaps and improving the availability, interoperability and accessibility of reliable species-level information for research, monitoring and decision-making.

T6

Invasive alien species

Strengthening the ability to identify and distinguish species accurately and rapidly, supporting surveillance, early detection and informed responses to biological invasions.

T4

Species conservation & recovery

Making biodiversity more visible and identifiable, providing the integrative taxonomic foundation needed to assess species, monitor change and target conservation and recovery actions.

A BIODIVERSITY PLANET DEPENDS ON KNOWLEDGE

Reliable, accessible and usable species-level knowledge is essential for conserving biodiversity, managing pressures and integrating nature into decisions across society.

How TETTRIX turns taxonomic knowledge into action

Four interconnected areas of work transform knowledge and innovation into lasting capacity, practical solutions and uptake.

UNDERSTAND BIODIVERSITY

T21 T4 T6

Generate, structure and connect reliable species-level knowledge.

TETTRIX strengthens the foundations of biodiversity knowledge by improving species discovery and identification, addressing poorly known and “dark” taxa, structuring interoperable taxonomic information and identifying critical knowledge gaps.

KEY TETTRIX OUTPUTS

European Taxonomic Reference Catalogue
A harmonised backbone for reliable and interoperable taxonomic knowledge.

TaxoTrack
Identifying and tracking taxonomic research and knowledge gaps.

GHOST
Developing mechanisms to bring dark and poorly known taxa into biodiversity knowledge systems.

Species AI Lab (SAIL)
Advancing AI- and genomics-supported methods to species discovery and identification.

BUILD CAPACITY TO ACT

T20 T21 T14

Equip people and organisations with the skills, expertise, tools and services needed for biodiversity action.

TETTRIX enlarges taxonomic capacity by developing current and future expertise, widening access to modern methods and technologies, and making taxonomic resources and services easier to discover and use.

KEY TETTRIX OUTPUTS

TETTRIX Academy
Hub for training, skills development, career pathways and professional capacity for current and future taxonomists and biodiversity practitioners.

TETTRIX Marketplace
A central dynamic gateway to taxonomic expertise, tools, services, data and other taxonomic resources for science and policy.

APPLY & DEMONSTRATE

T4 T6 T20 T21

Test and validate taxonomic solutions against real biodiversity challenges.

TETTRIX takes tools, methods and training beyond development by applying them in real-world settings. Its cascade-funded projects will test what works, increase capacity where gaps remain and feed validated procedures and mechanisms back into the wider TETTRIX ecosystem.

KEY TETTRIX OUTPUTS

Satellite Projects
To test and validate innovative tools, workflows and training resources across priorities including invasive alien species, dark and underrepresented taxa, climate-indicator taxa and freshwater, marine and soil biodiversity.

CONNECT KNOWLEDGE WITH DECISIONS

T14 T20 T21

Bring taxonomic expertise into policy, practice and wider biodiversity decision-making.

TETTRIX consolidates exchange between researchers, practitioners, policymakers, businesses and other biodiversity actors, helping align taxonomic knowledge with emerging needs and supporting its uptake beyond the research community to include other societal actors.

KEY TETTRIX OUTPUTS

Knowledge Exchange Network (KEN) for Taxonomy
Connecting taxonomic expertise with biodiversity knowledge demands and facilitating exchange between knowledge holders and users.

Taxonomy Cluster
Bringing together relevant projects, infrastructures and initiatives to coordinate efforts, build synergies and ensure a shared legacy across the taxonomic community.

Policy & business engagement
Supporting the application and endorsement of reliable species-level knowledge in monitoring, planning, decision-making and implementation.