



The Ecological Restoration Alliance

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ERA: Introduction

- Established in 2010
- 32 participating botanic gardens
- 20 countries
- >\$65 million raised
- 113 projects in diverse habitats
- 373 specialists registered
- 0.1ha to 50,000km²

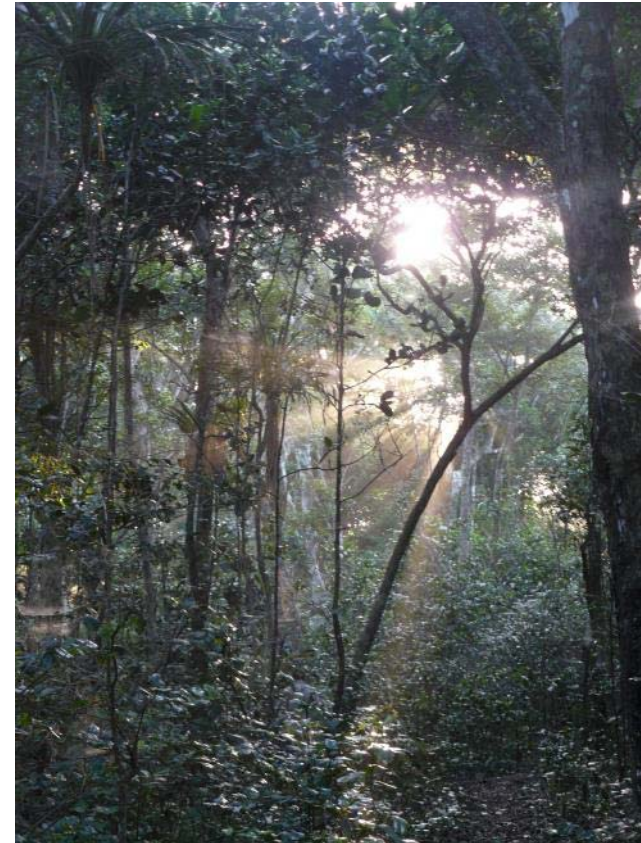


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ERA: Mission

To mobilize botanic gardens, arboreta and seed banks to carry out **science-based ecological restoration** by marshalling their expertise, networks, and resources to help achieve the restoration outcomes needed for **human well-being** and a **sustainable future for life on Earth**.



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ERA: Goals

1. Work with local partners to set up, maintain and document a series of **long term sustainable exemplar restoration projects** in diverse biophysical, political, and cultural contexts around the globe.
2. Improve the quality and volume of science-based ecological restoration practice by deploying scientific and horticultural skills to **applied work on the ground**.
3. Conduct ecological restoration research, to **develop an enhanced knowledge base for restoration** and identify and inform best practice.
4. **Disseminate research and lessons learnt** from projects.
5. **Build expertise and restoration capacity** through collaborations between botanic gardens, large and small, as well as with partners in local communities, professional societies, academia, industry, government, NGOs and international bodies.

ERA: technical services

- Baseline survey and inventory
- Threat assessments
- Control of invasive species, pests and diseases
- Seed collection and germination protocols
- Nursery establishment and propagation of native species
- Species reintroduction, reinforcement and recovery
- Landscape scale restoration for biodiversity conservation, ecosystem services and livelihoods
- Monitoring, evaluation and adaptive management

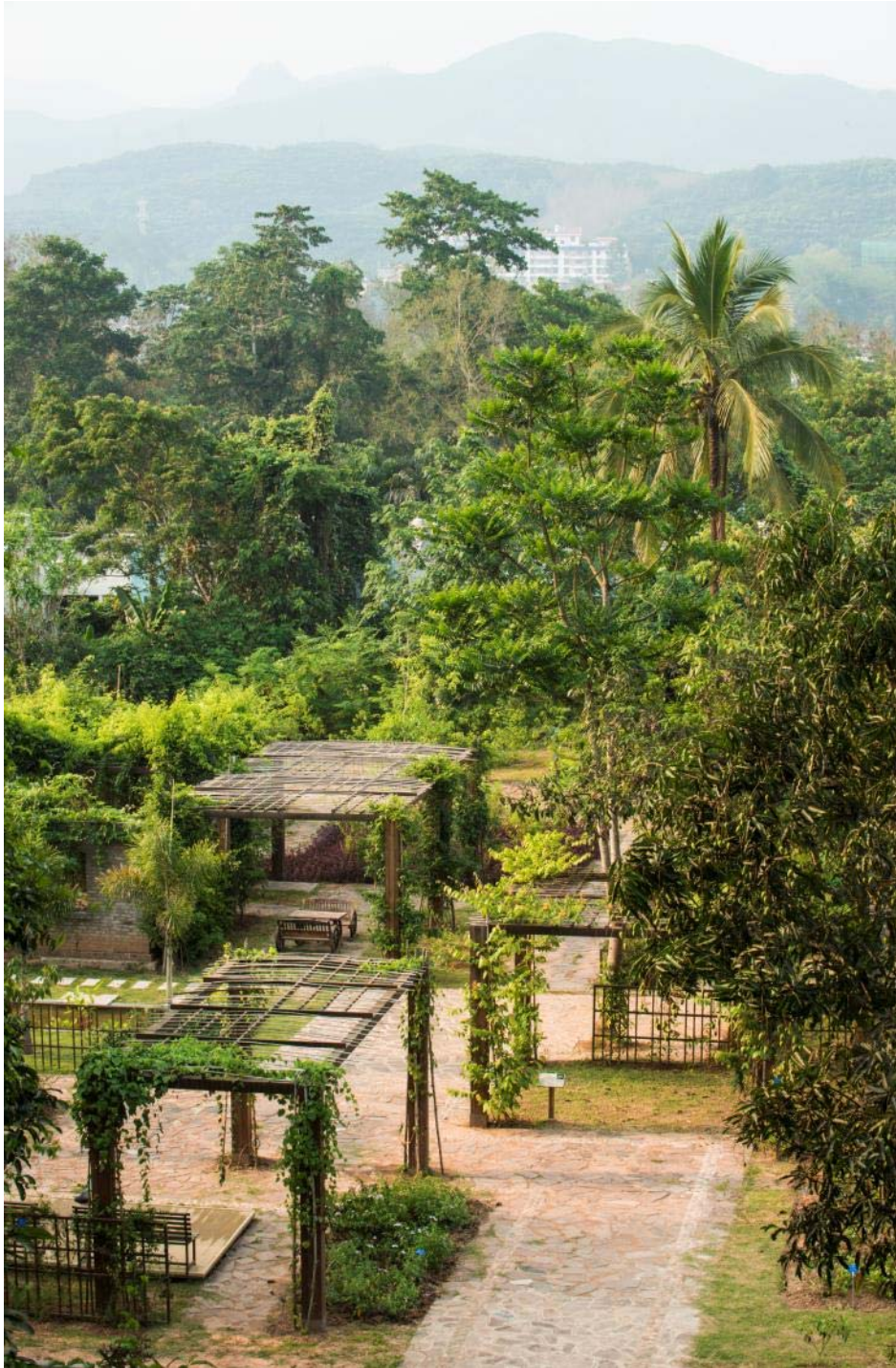


ERA: Opportunities

Building expertise and restoration capacity

- A **toolkit** developed to **build capacity** for ecological restoration, including:
 - Practical and how-to-guidance
 - Open-access presentations and videos
 - A searchable directory of expertise, activities and contact details for ERA members
 - Restoration related training available from ERA affiliated courses or trainers.













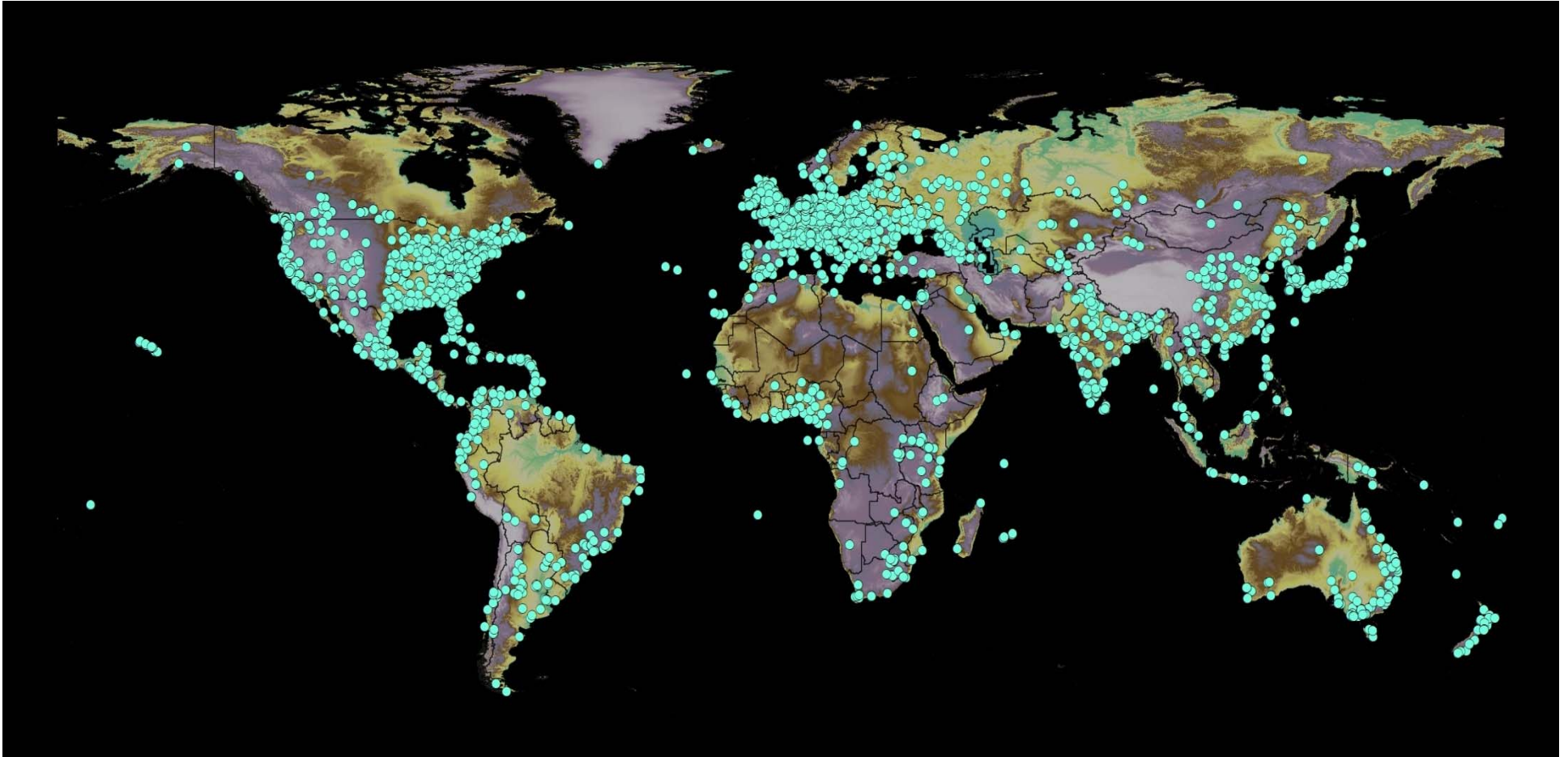


ERA: Conclusions

- **Building local capacity** in ecological restoration through partnerships between local botanic gardens and local communities in BRs, and by deploying international expertise relevant to native plant diversity;
- **Supporting the livelihoods of local communities** in BRs through research into, and cultivation of, native plant species for clean water, fuelwood, food, medicine and other services;
- **Training and education of local communities** through courses, communication materials and promotion of citizen science;
- **Raising awareness and funding** for ecological restoration in the BRs;
- Cooperate in identification and **preparation of project proposals** to implement appropriate specific objectives of the MAB Strategy and Lima Action plan, to be carried out jointly with the financial support of outside donors or funding partners.

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Thank you



<http://www.bgci.org/joinin/members/>