



# Global Network of Lighthouse Farms

## Part of an ongoing international network

Wageningen University & Research is working on the Global Network of Lighthouse Farms: an international network of individual farms which are stable and resilient without being a strain on the environment. Together these exemplar farms, which are 'already in 2050', form a mosaic of agricultural systems and solutions which take differences in e.g. climate and culture into account.

Rizoma is one of these exemplar farms and a spin-off from Fazenda da Toca. It aims to regenerate 1 million hectares of land by 2030 in Brazil through regenerative organic agriculture, by implementing integrated farming systems on a large scale. These systems (agroforestry, silvopasture and grain crops) allow nature to recover degraded land, sequester carbon from the atmosphere, infiltrate and retain more water, and restore soil biodiversity, while being productive and profitable.

Wageningen students stayed at Rizoma Agro to gather data for their PhD thesis and internships, creating diverse outputs such as a bioeconomy model for the agroforestry and a regeneration measurement protocol for all crops. The aim of this cooperation is to exchange information and learn from a real-life example farm and to serve as a classroom for the development of sustainable food systems.

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**More information:**

[www.lighthousefarmnetwork.com](http://www.lighthousefarmnetwork.com)

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