

Annual Report 2024

Planting Partnership: DFX Logística Internacional and Courageous Land

Period: August to December 2024

Biome: Atlantic Forest

Supported Farms: Raízes Farm (SP) and Maquiné Farm (RJ)

About the Partnership



In 2024, DFX Logística Internacional established a partnership with Courageous Land to support reforestation and ecological regeneration actions within the Atlantic Forest biome. For every cargo shipment completed, DFX internally calculates its emissions and allocates donations to on-the-ground tree planting of native species and forest conservation. This is a voluntary initiative linked to DFX's commitment to its ESG agenda, aligning its logistics performance with positive environmental and social impacts.

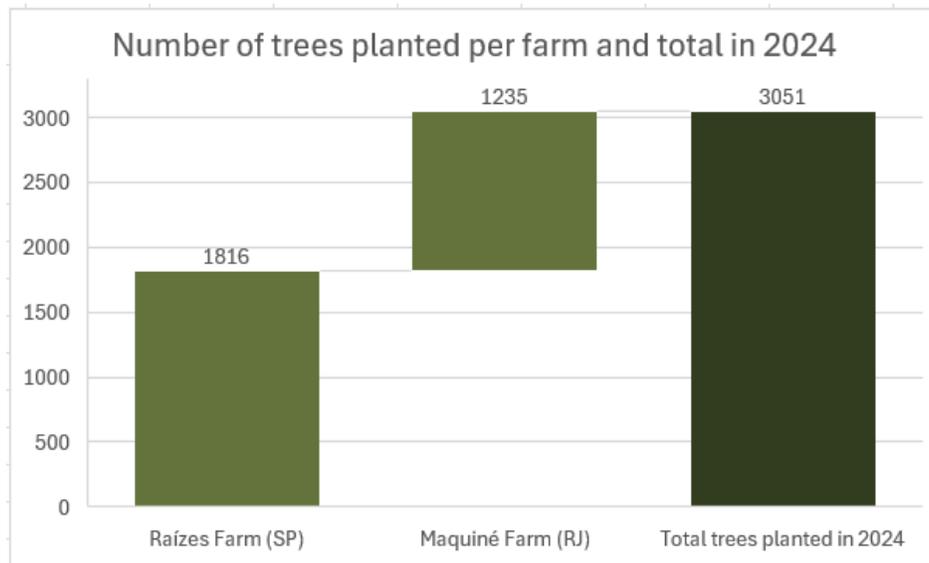
Since the beginning of the partnership in August 2024, DFX has already financed the planting of:

- **1.816 trees at Raízes Farm (SP)**
- **1.235 trees at Maquiné Farm (RJ)**



In total, 3,051 trees were planted with the support of DFX in the projects in São Paulo and Rio de Janeiro.

The donations indirectly contributed to the conservation of more than 75 hectares of forest land on both properties, as well as to the creation and maintenance of 8 formal direct jobs.



Raízes Farm – São Luiz do Paraitinga (SP)

Fazenda Farm is a 50-hectare family-owned property dedicated to productive restoration through agroforestry systems (AFSs). Since 2023, Courageous Land has been supporting the conversion of 35 hectares of degraded pasture into reforestation areas. To date, 5 hectares have been established with agroforestry systems, and more than 23,225 tree seedlings from 34 species have been planted, including several threatened native species such as *Euterpe edulis*, *Dalbergia nigra*, and *Cariniana legalis*.

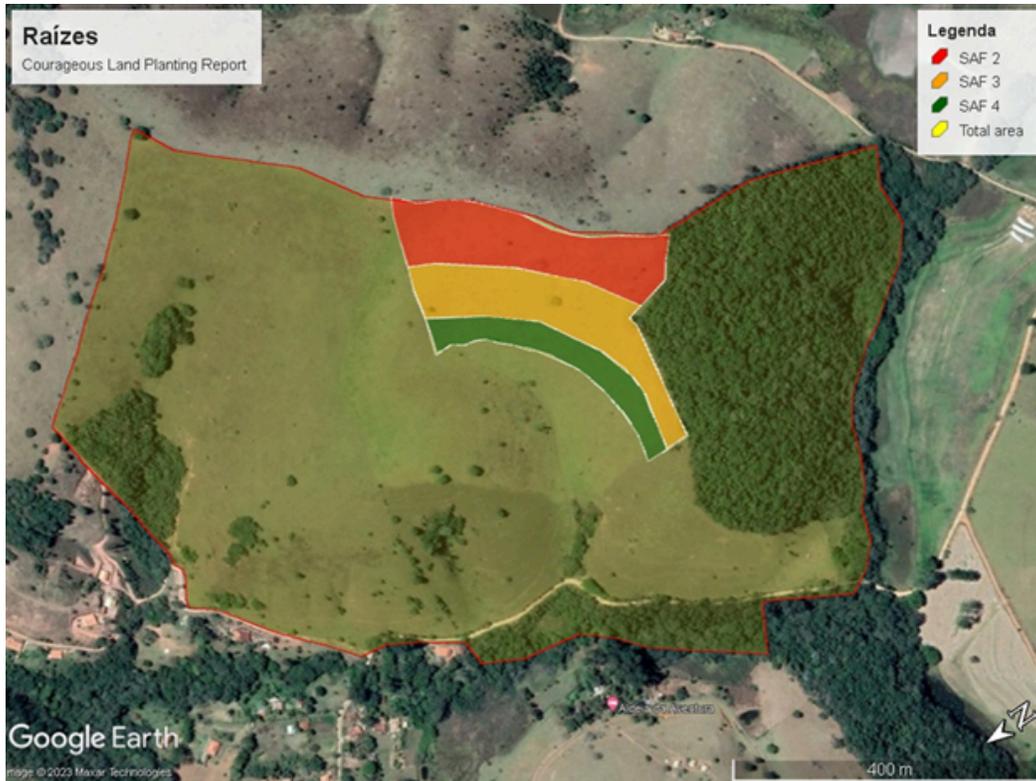
The project has also carried out the sowing of 250 kg of green manure seeds for soil regeneration and invasive species control.

Social Impact:

- 5 formal direct jobs (under CLT framework)



- Average income: R\$ 2,500/month
- More than 2,000 meals provided to workers



Reforestation areas in yellow, orange, and green.

Maquiné Farm – Três Rios (RJ)

Maquiné Farm is a 100-hectare family-owned property, of which more than 60 hectares of native forest have been conserved for over 20 years. Since 2023, the following initiatives have been implemented on this property:

- **2 hectares of agroforestry systems (AFSs)**
- **1 hectare of pure ecological restoration**

- **More than 4,500 seedlings planted from over 102 native Atlantic Forest species**

Management practices prioritize natural regeneration and soil recovery, including sowing of 20 kg of green manure seeds.

Social Impact:

- 3 formal direct jobs (under CLT framework)
- Average income: R\$ 2,000/month



Reforestation areas in yellow.



Results and Outlook

The partnership between DFX Logística Internacional and Courageous Land has generated concrete impacts in the territory, promoting:

- Productive and ecological reforestation of 8 hectares of previously unproductive and degraded areas;
- Conservation of native biodiversity with a focus on native, zoochoric, and endangered species
- Appreciation of family-owned properties through regenerative practices
- Creation of formal rural jobs

Courageous Land thanks DFX for supporting this journey of Atlantic Forest regeneration and invites partners to visit the planted and conserved areas.

Annex A – Lists of Species Planted in the Projects

Raízes Project (SP) - main species planted in the AFSs

Common name	Scientific name
Juçara palm	<i>Euterpe edulis</i>
Australian red cedar	<i>Toona ciliata</i>
African mahogany	<i>Khaya grandifoliola</i>
Araribá	<i>Centrolobium tomentosum</i>
Ipê-felpudo	<i>Zeyheria tuberculosa</i>
Coffee	<i>Coffea arabica</i>
Avocado (Hass)	<i>Persea americana var. hass</i>
Avocado (margarida)	<i>Persea americana var. margarida</i>
Baru	<i>Dipteryx alata</i>
Ipê-roxo	<i>Handroanthus impetiginosus</i>
Ipê-amarelo	<i>Handroanthus crysotrichus</i>



Jacarandá-da-bahia	<i>Dalbergia nigra</i>
Sapucaia	<i>Lecythis pisonis</i>
Araucária	<i>Araucaria angustifolia</i>
Jequitibá-rosa	<i>Cariniana legalis</i>
Gonçalo-alves	<i>Astronium fraxinifolium</i>

Maquine Project (RJ) - complete list of species planted in Agroforestry Systems (AFSs) and ecological restoration

Common name	Scientific name
Fruta de sabiá	<i>Achinustus arborenceus</i>
Tapiá	<i>Alchornea sidifolia</i>
Murta vermelha	<i>Allophylus edulis</i>
Cashew tree	<i>Anacardium occidentale</i>
Angico branco	<i>Anadenanthera colubrina</i>
Araticum cagão	<i>Annona cacans</i>
Soursop	<i>Annona muricata</i>
Sugar apple	<i>Annona squamosa</i>
Garapa	<i>Apuleia leiocarpa</i>
Jackfruit	<i>Artocarpus heterophyllus</i>
Timbó	<i>Ateleia glazioviana</i>
Urucum	<i>Bixa orellana</i>
Manacá de cheiro	<i>Brunfelsia uniflora</i>
Cedro canjerana	<i>Cabralea canjerana</i>
Pau ferro	<i>Caesalpinia ferrea</i>
Sibipiruna	<i>Caesalpinia pluviosa</i>
Esponja	<i>Calliandra brevipes</i>
Guanandi	<i>Calophyllum brasiliensis</i>
Sete capotes	<i>Campomanesia guazumifolia</i>
Cambuci	<i>Campomanesia phaea</i>
Papaya	<i>Carica papaya</i>
Jequitibá branco	<i>Cariniana estrellensis</i>
Jequitibá rosa	<i>Cariniana legalis</i>
Cassia rosa	<i>Cassia grandis</i>

Embaúba branca	<i>Cecropia hololeuca</i>
Embaúba	<i>Cecropia pachystachya</i>
Cedro rosa	<i>Cedrela fissilis</i>
Paineira rosa	<i>Ceiba speciosa</i>
Espora de galo	<i>Celtis iguanaea</i>
Araribá	<i>Centrolobium robustum</i>
Pau viola	<i>Citharexylum myrianthum</i>
Coffee	<i>Coffea arabica</i>
Copaíba pau d'óleo	<i>Copaifera langsdorffii</i>
Copaíba da mata	<i>Copaifera trapezifolia</i>
Babosa branca	<i>Cordia superba</i>
Louro pardo	<i>Cordia trichotoma</i>
Capixingui	<i>Croton florinbundus</i>
Sangra d'água	<i>Croton urucurana</i>
Pau magro	<i>Cupania vernalis</i>
Ipê verde	<i>Cybistax antisyphilitica</i>
Jacarandá-da-bahia	<i>Dalbergia nigra</i>
Orelha de macaco	<i>Enterolobium contortisiliquum</i>
Mulungu falcata	<i>Erythrina falcata</i>
Mulungú verna (suinã)	<i>Erythrina verna</i>
Fruta de pombo	<i>Erythroxylum deciduum</i>
Arco de pipa	<i>Erythroxylum pulchium</i>
Grumixama	<i>Eugenia brasiliensis</i>
Cerejeira do mato	<i>Eugenia involucrata</i>
Uvaia	<i>Eugenia pyriformis</i>
Surinam cherry	<i>Eugenia uniflora</i>
Juçara	<i>Euterpe edulis</i>
Figueira gameleira	<i>Ficus gomelleira</i>
Figueira branca	<i>Ficus guaranitica</i>
Figueira mata-pau	<i>Ficus insipida</i>
Pau d'álho	<i>Gallesia integrifolia</i>
Bacupari	<i>Garcinia gardneriana</i>
Jenipapo	<i>Genipa americana</i>
Carrapeta	<i>Guarea guidonea</i>

Canjambó	<i>Guarea kunthiana</i>
Mutambo	<i>Guazuma ulmifolia</i>
Ipê amarelo da serra	<i>Handroanthus albus</i>
Ipê amarelo cascudo	<i>Handroanthus chrysotrichus</i>
Ipê roxo 7 folhas	<i>Handroanthus heptaphyllus</i>
Ipê rosa	<i>Handroanthus impertiginosus</i>
Ipê amarelo do brejo	<i>Handroanthus umbellatus</i>
Ipê amarelo casca lisa	<i>Handroanthus vellosi</i>
Jatobá	<i>Hymenea courbaril</i>
Ingá de metro	<i>Inga edulis</i>
Ingá branco	<i>Inga laurina</i>
Ingá feijão	<i>Inga marginata</i>
Ingá facão	<i>Inga striata</i>
Ingá banana	<i>Inga vera</i>
Carobinha	<i>Jacaranda micrantha</i>
Cotieira	<i>Joanesia princeps</i>
Cotieira	<i>Joannesia princeps</i>
Mirindiba rosa	<i>Lafoensia glyptocarpa</i>
Cedaleiro	<i>Lafoensia pacari</i>
Sapucaia	<i>Lecythis lurida</i>
Sapucaia	<i>Lecythis pisonis</i>
Aroeira branca	<i>Lithraea molleoides</i>
Açoita cavalo miúdo	<i>Luehea divaricata</i>
Açoita cavalo graúdo	<i>Lueheia grandiflorum</i>
Jacarandá bico de pato	<i>Machaerium nyctitans</i>
Jacarandá mimoso	<i>Machaerium villosum</i>
Acerola cherry	<i>Malpighia emarginata</i>
Camboatá verdadeiro	<i>Matayba elaeagnides</i>
Angico cangalha	<i>Mimosa artemisiana</i>
Maricá	<i>Mimosa bimucronata</i>
Mulberry	<i>Morus nigra</i>
Aroeira preta	<i>Myracrodruon urundeuva</i>
Cambuí	<i>Myrcia selloi</i>

Guaramirim de folha miúda	<i>Myrcia splendens</i> var. <i>folha G</i>
Goiaba brava	<i>Myrcia tomentosa</i>
Jaboticaba sabará	<i>Myrciaria jaboticaba</i>
Capororoca ferrugem	<i>Myrsine ferruginea</i>
Capororoca branca	<i>Myrsine gardneriana</i>
Canela dura	<i>Nectandra opposifolia</i>
Imbuia	<i>Ocotea porosa</i>
Castanha do maranhão	<i>Pachira glabra</i>
Canafístula	<i>Peltophorum dubium</i>
Avocado	<i>Persea americana</i>
Pau jacaré	<i>Piptadenia gonoacantha</i>
Unha de gato	<i>Piptadenia paniculata</i>
Jacarandá do litoral	<i>Platymiscium floribundus</i>
Cambucá	<i>Plinia edulis</i>
Cabeluda	<i>Plinia glomerata</i>
Laranja de macaco	<i>Posoqueria latifolia</i>
Abiu amarelo	<i>Pouteria caimito</i>
Cabreúva	<i>Pradosia lactescens</i>
Embiruçú	<i>Pseudobombax grandiflorum</i>
Embiruçú	<i>Pseudobombax majus</i>
Araçá amarelo	<i>Psidium cattleianum</i>
Guava	<i>Psidium guajava</i>
Araçá goiaba	<i>Psidium longipetiolanum</i>
Aldrago	<i>Pterocarpus violaceus</i>
Embira	<i>Rolinea sylvatica</i>
Sabão de soldado	<i>Sapindus saponaria</i>
Aroeira salsa)	<i>Schinus molle</i>
Aroeira pimenteira)	<i>Schinus terebinthifolia</i>
Guapuruvu	<i>Schyzolobium parahyba</i>
Fedegosão	<i>Senna alata</i>
Canudo de pito	<i>Senna bicapsularis</i>
Aleluia (pau cigarra)	<i>Senna multijuga</i>
Fumeiro bravo	<i>Solanum mauritanum</i>

Joa	<i>Solanum pseudoquina</i>
Cinco folhas	<i>Sparattosperma leucanthrum</i>
Licuri	<i>Syagrus coronata</i>
Jerivá	<i>Syagrus romanzoffiana</i>
Leiteiro	<i>Tabernaemontana hystrix</i>
Pau pombo	<i>Tapirira guianensis</i>
Cacao	<i>Theobroma cacao</i>
Quaresmeira	<i>Tibouchina granulosa</i>
Manacá da serra	<i>Tibouchina mutabilis</i>
Pau pólvora	<i>Trema micrantha</i>
Pau formiga	<i>Triplaris americana</i>
Espinho de agulha	<i>Xylosma ciliatifolia</i>
Ipê felpudo	<i>Zeyheria tuberculosa</i>

Annex B – Planting Images

Maquiné Project (RJ)



Ipê felpudo



Sapucaia

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Araribá



Ecological Restoration Area

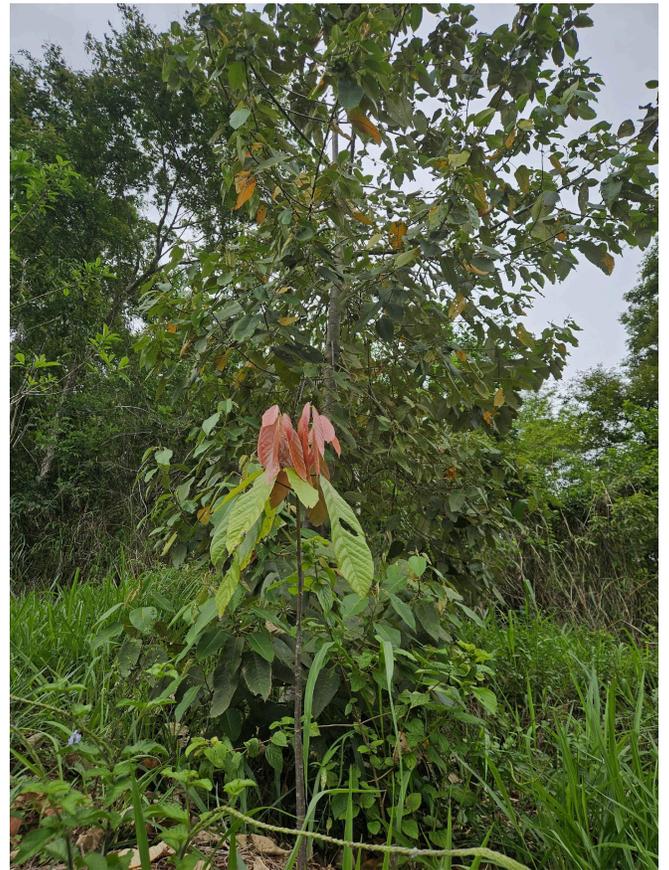
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Juçara palm under the shade of banana trees



Cacao under the shade of Capixingui



Cedro Rosa



Planting area in 2022 before reforestation



The same area above after reforestation started in 2023



Nursery with Juçara palm seedlings



African mahogany in AFS



Planting row highlighting Jequitibá Rosa



Image of AFS started in 2020



Raízes Project (SP)



Project area 1 year after planting



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Baru seedling right after planting



Australian red cedar seedling right after planting

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Ipê Roxo planted seedling



Organic compound for soil preparation



Soil preparation marking



Araribá seedlings before planting



Project area after soil preparation



Field team training before planting

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