



TELE
FOREST



**TAKING CARE OF LIFE,
PRESERVING THE FOREST**

EDS



PROVIDING DIGNITY AND HEALTHCARE TO INDIGENOUS COMMUNITIES SINCE 2003



WHO ARE WE

- ▶ Expedicionários da Saúde (EDS) is a Brazilian nonprofit health organization established in 2003 by a group of **volunteer doctors**.
- ▶ With over two decades of experience, we have acquired the necessary expertise to provide **free access to surgical healthcare for indigenous people** residing in geographically isolated areas of the **Amazon Forest**.
- ▶ To date, EDS has conducted 54 Humanitarian Expeditions across the Amazonian Forest, performing nearly **10,000 SURGERIES, 71,000 CONSULTATIONS, 128,000 MEDICAL EXAMS AND PROCEDURES, AND DONATED 6,900 EYEGLASSES.**

OUR DIFFERENTIAL

- ▶ We have designed a **Mobile Hospital Model**, a modern and adaptable structure developed by **volunteer engineers** equipped to withstand the challenging conditions of the Amazon Forest.
- ▶ It comprises portable tents that accommodate five surgical rooms, clinical spaces, examination rooms, and outpatient facilities. These tents can be transported and assembled in numerous locations within the Amazon, whether by river, air, or land.
- ▶ These facilities are equipped with modern and safe equipment, **meeting the same high standards** available in major **Brazilian hospitals**.

HOW DO WE OPERATE

- ▶ Our operations are sustained through **donations** from the private sector, individuals, and international foundations. We undergo annual audits conducted by **EY (Ernst & Young)**.
- ▶ Our extraordinary **volunteer health team**, composed of approximately 300 members, including doctors, registered nurses, and a dedicated technical crew responsible for logistics and support.
- ▶ We maintain a close relationship with **indigenous organizations**, receiving their strong institutional backing. Additionally, we are endorsed by the Ministries of Health and Indigenous Peoples.



WHY SHOULD YOU DONATE



Caring for the health of indigenous people living in geographically isolated areas of the Amazon is essential for the survival of the planet.

GLOBAL CLIMATE IMPACT

The Amazon Biome plays a crucial role in global climate regulation. With **115.8 million hectares** of indigenous lands in Brazil, representing 23% of the Amazonian territory, the **guardians of the forest** play a vital role in its protection, directly contributing to the **preservation** of this critical ecosystem. The Amazon Rainforest acts as a natural water pump, absorbing, storing, and releasing water through plant transpiration. This process helps regulate regional and distant rainfall patterns across the globe.

ENVIRONMENTAL PROTECTION

The **demarcation** of indigenous territories has proven to be one of the most effective strategies for forest preservation. Analysis of deforestation trends reveals that forest loss is much higher in the areas surrounding **indigenous lands** as compared to the areas inside them (ISA, 2023). Indigenous lands alone are responsible for **safeguarding 20.3% of the forests** in Brazil, and the Amazon region holds 98% of these territories. Notably, the highest forest coverage preservation has been observed in the indigenous territories, with a minimal 1.2% loss of forest coverage until 2022 (ISA, 2023).

CARBON STORAGE

According to data from the national census from IBGE (2022), there are **1,693,535 indigenous people in Brazil**, with **867,100** of them residing in the Brazilian Legal Amazon region. An estimated **12.9 billion tons** of carbon are stored within the 115.8 million hectares of indigenous territories in the Amazon (Saatchi, 2007). In other words, it's possible to assert that, on average, each individual contributes to the **protection of 14,877 tons of carbon** in the soil, thus making a substantial contribution to global climate change mitigation.

Climate change affects the health of people worldwide, whether through resource scarcity, the increase in climate-related diseases, or natural disasters. Therefore, donating to this cause is a significant action, not only for the preservation of the Amazon Forest but also for the well-being of indigenous communities that safeguard this treasured land. Believe it or not, global health is intricately linked to taking care of indigenous peoples.





TELE FOREST



The project consists of sending Registered Nurses (RN) along with satellite internet and communications equipment to regions of the Brazilian Amazon that are difficult to access and without specialized medical coverage. The EDS team, alongside local health teams from the Special Indigenous Sanitary Districts (DISEI), will set up appropriate infrastructure to provide Teleconsultations for indigenous populations.

The **Tele Forest (TF)** program began in 2022 with the purpose of scaling the operations of the organization, extending its reach to even more underserved communities, saving lives and making a tangible impact on their well-being. The TF expeditions aim to provide appropriate infrastructure to connect the **indigenous communities**, the true **guardians of the forest**, with remote specialized medical care, helping to reduce waiting times for appointments.

A Teleconsultation is a remote medical consultation, mediated by Digital, Information, and Communication Technologies (TDICs), with a doctor and patient located in separate spaces. It can be carried out with EDS profes-

sionals and partners, as well as among DSEI's own medical professionals, optimizing local human resources in basic healthcare. The locations for Teleconsultations will be defined with local health teams so that strategic actions can take place during a period of 20 days in the selected territory.

Teleconsultations will be carried out on a platform provided by the EDS, following LGPD standards. The necessary information from the patient's medical record, as well as prescriptions and referrals, will be made available to the local health centers for treatment follow-up. In addition to the consultations with medical professionals, it will also be possible to consult with other health professionals depending on the patients' needs and demands from the local DSEI's.

The initiative allowed EDS to increase the number of medical specialties being offered to **indigenous communities**, including the following: Clinical, Pediatrician, Gynecology, Ophthalmology, Endocrinology, Neurology, Otorhinolaryngology, Infectious Disease, Dermatology, Urology, and General Surgery.





TEAM INVOLVED

Nurse - responsible for implementation, coordination of local health teams and capacity building

EDS Logistics - responsible for supporting transportation and assembly of equipment and general logistical support

Doctors - professionals of different medical specialties who will carry out the Teleconsultations on a voluntary basis, being part of the EDS team or partners

Health professionals from areas other than medicine - professionals who will carry out the consultations on a voluntary basis, being part of the EDS team or partners

Equipment needed for implementation of the Tele Forest Expeditions:

- Satellite internet antenna;
- Notebook with 15-inch screen;
- High-resolution webcam with extension cable;
- Bluetooth speaker;
- Teleconsultation platform for scheduling appointments, releasing links and storing medical records with data protection based on LGPD.

EXPECTED RESULTS

PROVIDE UP TO **2,000** MEDICAL CONSULTATIONS PER YEAR.

BUDGET TO FUND THE TELE FOREST (TF) PROGRAM

US\$ **87,858.36**
to fund 1 year
of the TF Program

US\$ **175,716.72**
to fund 2 years
of the TF Program

US\$ **263,575.08**
to fund 3 years
of the TF Program

Expense Item	Unitary Value (US\$)	Quantity	Observation	Total (US\$)
Purchase of Airline Tickets EDS team (2 people)	3,168.32	5	Airline tickets for EDS team (2 people / 5 expeditions)	15,841.58
Food for EDS team (3 people / 5 expeditions/20 days each)	950.50	5	Food for EDS team (3 people / 5 expeditions)	4,752.48
Lodging for EDS team (3 people/5 expeditions/20 days each)	445.54	5	Lodging for EDS team (3 people / 5 expeditions)	2,227.72
Hiring Boat pilot (5 expeditions / 20 days each)	792.08	5	Boat pilot (5 expeditions / 20 days each)	3,960.40
River transportation logistics (5 expeditions/20 days each)	950.50	5	Round trip transfer (river / 5 expeditions)	4,752.48
Transport of equipment by air + land (x 5)	198.02	5	Transport of equipment (5 expeditions)	990.10
Starlink monthly fee (x 12 months)	55.45	12	Starlink monthly fee	665.35
TOTVS Telemedicine Platform (x 12 months)	39.60	12	TOTVS Telemedicine Platform monthly fee	475.25
EDS technical team cost (team of 9 people)	3,850.49	12	Proportional salary of 9 people from EDS technical team	46,205.89
Subtotal (US\$)				79,871.24
Reserve Fund (10%)				7,987.12
Total Cost (US\$)				87,858.36

