

ICTLOG – INSTITUTO DE CIÊNCIA E TECNOLOGIA EM LOGÍSTICA SUSTENTÁVEL PARA ZONAS DE BAIXA CONECTIVIDADE

01 BRIEF DESCRIPTION OF THE PROJECT

This proposal aims to create an ICT based based in Manaus, focused on logistics logistics in areas of low connectivity, with focused on applied R&D, talent training e dissemination of knowledge knowledge in logistics adapted to territories with low integration and high geographical complexity. Axes focused to: Scientific Research, Consulting Local e Development of solutions with applied technologies (R&D, AI, big data etc.): - Modal prototyping - Promoting technical coworking - Partnerships (industry/government) government) - Laboratories - Incubator.

02 JUSTIFICATION AND OPPORTUNITY

Regions of the Amazon face major logistical bottlenecks, with high cost, low predictability e limited integration of modes. Communities do not have access to integration integration supply platforms in the same cities. Important gaps to be resolved: - High and precarious supply products - Service emergency 11 and inefficient structural deficit and limited access access to health, education and food security.

03 INVESTMENT NEEDED

CAPEX R\$ 15 million a R\$ 30 million

OPEX R\$ 72 million a R\$ 140 million

04 EXPECTED RETURN

Optimistic scenario

Payback of 5 years, with annual annual of R\$ 50 million e IRR of 22%.

Regular scenery

Payback of 6 years, with annual annual of R\$ 40 million e IRR of 17%

Conservative scenario

Payback of 7.5 years, with annual annual of R\$ 30 million e IRR of 12%.

05 SOCIAL AND ENVIRONMENTAL IMPACT

In various regionsregions regions country - especially in forest e low connectivity - communities still face severe severe of access to services. Logistics, when faulty or non-existent, compromises not not only supply, but also opportunities development, inclusion e well-being.

ICTLog proposes a new look to a logistics: a look that understands transportation as bridge to citizenship, health and sustainable development, aiming to: Logistical connectivity for those who have never had access; Reducing regional inequalities; Generating jobs and local training; Rapid response to emergencies emergencies emergencies disasters disasters; Logistics with lower emission carbon emission; Solutions that respect the territory; Support à bioeconomy and sustainable disposal.

More than moving inputs, a proposal seeks to bring rights closer together, reduce inequalities and strengthen ecosystems systems, respecting geographic and socio-cultural specificities territories in territories it operates. By promoting intelligent solutions, sustainable and inclusive, o ICTLog generates shared value: social, environmental and economic.

Investing in this project is to bet on innovation with purpose. É contributing to a more connected, resilient e fairer - where even even the most paths become possible.

06 NEXT STEPS

Structuring management committee of the ICT - Institutional presentation a strategic partners (FAPEAM, SUFRAMA, IDB, Ministry of Transport) - Submission to to calls for proposals (FINEP, Embrapii, CNPq) - Feasibility and feasibility and mobilization of feasibility study and mobilization of start-up capital location/structuring physical headquarters in Manaus with par partners partners

CONTACTS

More information about this and other projects:

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