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INITIATIVES OF THE PERUVIAN SPACE AGENCY (CONIDA) TO BOOST THE GROWTH OF
 THE PERUVIAN AEROSPACE ECOSYSTEM

Abstract

The Peruvian space agency, CONIDA, has recently launched a project to promote the country's long-term development and enhance its national space capabilities. The project is composed of three main components: STEM outreach, the development of a project management methodology adapted to the Peruvian context, and the creation of a 1U cubesat called KillaSaT. The goal of this project is to foster the growth of the Peruvian aerospace ecosystem and ensure that future actors are equipped with the knowledge and skills necessary to participate in the field.

The first component of the project, STEM outreach, aims to build a talent pipeline for the future. CONIDA is supporting university aerospace projects and conducting workshops for school children to foster an interest in STEM subjects. This component is aimed at ensuring the long-term sustainability and maturity of the Peruvian aerospace ecosystem.

The second component of the project is focused on developing a project management methodology tailored to the unique context of Peru. This methodology will be designed to optimize the use of resources, promote efficiency, and enhance the quality of outcomes for all stakeholders involved in aerospace projects. This component is aimed at ensuring the development of future projects and transferring the know-how on how to execute them effectively, contributing to the medium-term growth of the Peruvian aerospace ecosystem.

Finally, the third component of the project involves the creation of a 1U cubesat called KillaSaT. This satellite is being developed by CONIDA's team of engineers and scientists and could be used for various scientific applications, including remote sensing and communications. KillaSaT represents a major

milestone for Peru's space program, as it will be the first satellite designed and built entirely in the country. The successful execution of this project will generate short-term impact, showcasing Peru's capabilities and contributing to the global scientific community.

In summary, CONIDA's project is a multifaceted initiative aimed at promoting STEM education, developing a tailored project management methodology, and creating a cutting-edge satellite to advance Peru's national space capabilities. Through these efforts, CONIDA hopes to ensure the long-term sustainability and maturity of the Peruvian aerospace ecosystem, contribute to the development of future projects, and generate short-term impact by showcasing Peru's capabilities.