



Monitoring and Analysis of the Strategic Plan

2022/2023

ISTEC | INSTITUTO SUPERIOR
DE TECNOLOGIAS
AVANÇADAS DE LISBOA



Monitoring and analysis of ISTECS strategic plan

Time horizon: academic year 2022/2023

On September 28th, 2023, the committee made up of the Director of ISTECS Lisbon, José António da Silva Carriço, the Secretary General of ISTECS Lisbon, António Fidalgo and the President of the Technical-Scientific Council of ISTECS Lisbon, Pedro Ramos Brandão, met to analyze and monitor the implementation of ISTECS Lisbon's strategic plan (2021/2026).

The following is a summary of this analysis:

1. In the 2022/2023 academic year, the process leading to the creation and registration with the Directorate-General for Higher Education of the Higher Professional Technical Course in Robotics and Artificial Intelligence was drawn up. This course obtained the necessary registration. This once again fulfilled one of the strategic objectives of diversifying the training offer in the area of information technologies.

For this course, 30 places were authorized for the 1st year. Today, we know that around 43 candidates applied. This initiative is therefore a clear success.

2. A3ES - the Higher Education Assessment and Accreditation Agency, accredited the new degree in Network Engineering and Computer Security for 6 years. It authorized only 30 places, which is notoriously low. At the moment, and despite the fact that the course can only be advertised from mid-August 2023, it already has around 25 applicants. The Agency has also accredited, for 6 years, the new Degree in Data Science and Visualization, designed in partnership with ISEC Lisbon - Instituto Superior de Educação e Ciências.

It can thus be seen that the fundamental goal of the strategic plan continues to be met in the 1st cycle degree courses: to diversify and increase the number of 1st cycle degree courses in the area of information technologies.

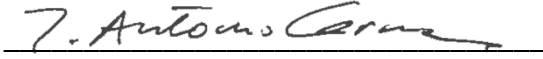
3. The Professional Higher Technical Courses in operation filled all their vacancies. The Degree in Computer Engineering also filled all its vacancies. The Degree in Multimedia Engineering filled around 50% of its places.
4. The Master's Degree in Computer Science maintained its high level of filling legally authorized places.
5. Internally, targeted research projects have been developed which, in the medium term, will contribute to a remarkable level of research at ISTECS Lisboa. The projects are as follows:

- Partnership between the ICS - Institute of Social Sciences of the University of Lisbon and ISTECS Lisbon;
- Partnership between the Alzheimer's Association and ISTECS Lisbon;

- Partnership between the Catholic Church's Spiritual and Religious Assistance Services and ISTEC Lisbon;
 - Research project "Human Factors in Computing";
 - Research Project "Development of Open Educational Resources";
 - Research Project "Neuromorphic Vision for High Speed Robotics";
 - Research Project "Application of Information Security Risk Management and Cybersecurity of an Organization";
 - Research Project "Anti-Spam Email Client".
6. We voluntarily applied to A3ES - Agência de Avaliação e Acreditação do Ensino Superior (Higher Education Assessment and Accreditation Agency) for certification of the internal quality assurance system. Despite the efforts of the entire team involved in the quality area, it was not possible to have the system certified. However, a lot has been learned and the CAE - External Evaluation Commission, has identified precisely what needs to be done and built in order to certify ISTEC Lisboa's internal quality assurance system. This is unequivocally a major challenge in which weaknesses have been identified that must be resolved within a year.
7. The Erasmus project "Escape to Your Future" - 2020-2-ES02-KA205-015372, was successfully completed. The "Entrepreneurial Women in ICT - Enhancing Skills to Bridge Digital Divide - 2020-1-PT01-KA226-VET-094680" projects, the "Innovating Virtual Reality and EU standards in the Real Estate sector - 2021-1-BG01-KA220-VET-000034659" project and the "Creating Shared Value@Vet - 2022-1-DE02-KA220-VET-000088303" project, have reached a fairly high level of completion and will soon be concluded.
8. A new project was completed: "ANALYSIS (Training Media Professionals on Applying advanced, highimpact digital technologies to combat disinformation) - KA220-VET-78AE5548", which is of undeniable interest and topicality.
9. A number of new applications have been submitted in partnership with other higher education institutions, the results of which are awaited.
10. International mobility programs were resumed on a completely normal basis and reinforced.

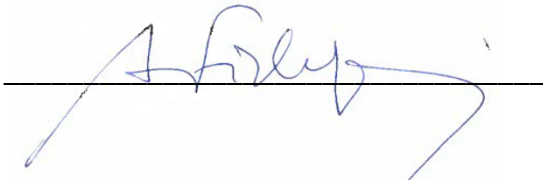
Lisbon, september 28th, 2023

The Director of ISTEC Lisbon



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General Secretary of ISTEC Lisbon



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The President of the Technical-Scientific Council of ISTEC Lisbon



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