



# Monitoring and Analysis of the Strategic Plan

2020/2021



## **Monitoring and analysis of ISTECS's strategic plan**

Time horizon: academic year 2020/2021

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

This document was drawn up against a backdrop of the dire consequences of the pandemic crisis. However, there was already the possibility of gradually returning to the model of face-to-face classes and normal academic life. However, there was a need to combine this with online classes. Despite the adverse circumstances, the Institute managed to fulfill the workload of all the curricular units and hold the planned face-to-face exams.

The following was verified:

1. In the 2020/2021 academic year, the process leading to the registration of the Professional Higher Technical Course in Cybersecurity with the Directorate-General for Higher Education was drawn up. This course was registered on March 1, 2021. This fulfilled one of the strategic objectives in terms of training provision
2. In Lisbon, the Higher Professional Technical Courses in operation have filled all their vacancies and the level of teaching has been of high quality, despite the combination of face-to-face and online teaching. There have been some difficulties in placing trainee students in companies in person.
3. The Master's course in Computer Science, with the Cloud Computing and Mobile Devices and Multimedia branches, began its second edition. It filled around 29 of the 40 legally authorized places.
4. The first cycle courses: Degree in Network Engineering and Computer Security and Degree in Computer Engineering and Multimedia were submitted to A3ES on a fully distance learning basis. These courses were not accredited, despite the contradiction presented. This situation is a major setback for ISTECS Lisboa's strategy. We need to take an in-depth look at this unfavorable scenario, clearly understanding what happened and whether it is possible to reverse the situation with new applications and more resources for these projects.
5. As far as teacher training is concerned, especially the transformation of specialists by deliberation of the Technical-Scientific Council into specialists with a title obtained by public competition, it can be seen that the pace of obtaining the title needs to be accelerated.

6. We welcome the possibility of establishing cooperation protocols involving applied and fundamental research with the ICS - Institute of Social Sciences of the University of Lisbon and of carrying out new projects with CEIIA.
7. Internally, the research projects that have begun in the field of artificial intelligence and gamification, involving Professors João Carneiro and Sandra Gama, are commendable and interesting.
8. The Erasmus + KA2 projects Escape to Your Future and Women in ICT, coordinated by Professors Paulo Branco and Pedro Brandão, show a reasonable degree of achievement.
9. Institutional relations with the Students' Association maintain the cordiality and mutual collaboration that has been deepened in the pandemic scenario.
10. International mobility programs have been resumed and expectations are very positive regarding the involvement of teachers and students.

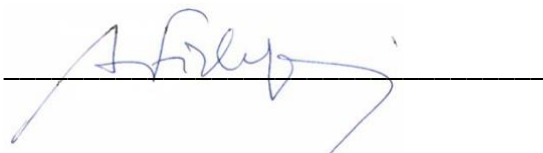
Lisbon, September 28th, 2021

ISTEC's Director



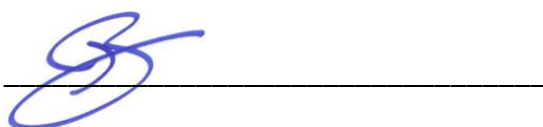
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ISTEC's General-Secretary



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ISTEC's Technical-Scientific Council President



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