The National Institute - INOF has a clear objective to perform fundamental science, but mainly to create a national network with high power to translate science and scientific skills in product and processes of high technological content in Optics. The main focus is in the area of health and agriculture. Using the basic knowledge that we produce through several ongoing projects, and our innovation experience, we are giving relevance to them, creating solutions, involving optics for diverse problems. The problems being target are in 4 lines: applications for the human health diagnosis, applications in biostimulation, applications for human health treatment, and applications for agro-environment. These platforms are established with the support of the basic sciences and a collaborative environment with the productive sector. Partnerships with industries fulfill the budget for this accomplishment and are assuring the success of translating the developments in real benefits for our society. The project conjugates several Brazilian institutions, different backgrounds, and skills and it is bold in the sense of truly visualize relevant science and responsibility to push technology. There is a good amount of counterpart coming from projects with industries, and from the ongoing CEPID-CEPOF program (that are providing a high support especially to the basic and fundamental sciences in development), as well as from the host institution. During our presentation, we shall present the overall scope of our program and describe the main results in research, innovation and science diffusion.