The FAPESP - BG BRASIL RESEARCH CENTRE FOR GAS INNOVATION (FAPESP-BG/CEPID) aims to build up a new world class Centre for Advanced Natural Gas Studies, which will focus on the sustainable uses of natural gas in the coming years. The Centre complements Fapesp’s experiences in supporting high-level scientific research and technology development in energy fields. It aims to establish a world class Research Centre focused in Natural Gas investigations, innovation and dissemination of knowledge. In this venture the Natural Gas challenges are dealt with according to three distinct, but complementary, research programmes: Engineering, Physical and Chemistry and Energy Policies and Economics. The Centre brings together a technical and scientific team that has been involved, along the past years with Energy and Natural Gas problems and proposed partial solutions in conjunction with one of the cited programmes. It is the intention of the Centre to integrate this effort, exploring the distinct focuses complementarily; to give answers and provide solutions innovatively, accordingly to the better possible form, to the matters raised by the concrete engineering and economical policies problems associated to natural gas. The State of Sao Paulo’s and BG global competitiveness is the main goal of USP’s proposal for the FAPESP-BG/CEPID.