

Training Opportunity for Portuguese Trainees

Reference	Title	Duty Station
PT-2016-TIA-APC	Impact assessment modeling for applications projects	ECSAT
<p><u>Overview of the unit's mission:</u></p> <p>TIA-APC has carried out in 2013 a systematic ex-post impact assessment analysis to correlate KPIs measured during different stages of application projects' lifecycle and the ability to reach the recovering of the internal investment of the consortia. The analysis has been complemented by a statistical modeling to find the expected probability of commercial success given a specific combination of KPIs.</p>		
<p><u>Overview of the field of activity proposed:</u></p> <p>The analysis conducted so far has revealed interesting results, which have however to be re-assessed taking into account the possible occurrence of special (rare) combination of KPIs and the way to treat them in the statistical model. Furthermore, the analysis has to take into account the time the breakeven point is reached after the project conclusion.</p> <p>The activity will be dedicated to critically review the methodology used in 2013, and work out a more stable and comprehensive methodology for ex-pots assessment in combination with a probabilistic predictive model (Bayesian model or alternative to be identified and validated).</p> <p>The work will be complemented with the definition of a methodology to improve the reliability and automatize to the possible extent the data acquisition necessary for the impact assessment.</p>		
<p><u>Required education:</u></p> <p>Engineering Degree in Space or Telecommunications, with knowledge of fundamentals of economics.</p>		