IT-ATLAS

Project: IT-ATLAS
Project Identification: 11419

Compete 2020 project

Start Date: 22nd June 2017
Duration 24 months

Investiment: € 716.422,46
Elegible: € 628.762,11
Incentive: € 364.260,23

Entities involved: INOV INESC INOVAÇÃO – Instituto de Novas Tecnologias

Context:
The IT architecture of an organization is a fundamental tool for decision making and planning . With today's rapidly changing technologies, a great deal of effort is required to maintain an up-to-date representation of the architectures, and a survey action is required whenever planning and making decisions about IT is required.

IT-Atlas will represent a breakthrough in the Systems Architecture solutions available in the market, since it will automatically generate representations of the business architecture from a current situation (AS-IS) to a future situation (TO-BE), and will allow an automatic analysis on detecting impacts on IT projects, the evolution of repository models and the level of separation of architectural design.

To this end, a set of innovative technologies will be developed to:

(1) generate architectural representations updated automatically;

(2) identify impacts between ongoing and planned projects, and

(3) generate architectural notations (for example in Archimate)

based on models designed in tools and notations specific to the different fields of engineering, from processes, systems and infrastructures.

These technologies will be available in a multi-tenant solution in the cloud, which will immediately provide the necessary information to the organization's IT planning and management without the need to evaluate the current situation, adding great benefits of cost, time and risk.

Co-financed by: