SICA: A CRIS with an embedded Repository working for the innovation in Andalusia Region (SPAIN)

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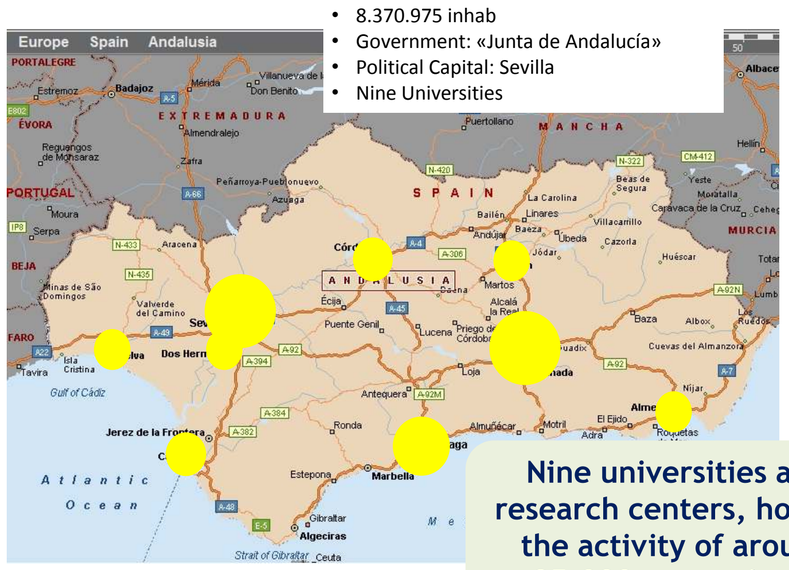
Abstract. On 2001 the Andalusian Regional Government for Science and Innovation launches the SICA (Sistema Informático Científico de Andalucía, Andalusian Scientific Information System). The aim of SICA is recording all the knowledge production of the Andalusian Research System, which comprises the activity of researchers belonging to Nine Universities, Research Organizations, Technology Centers and other scientific institutions. SICA is fed by the Andalusian researchers themselves, and an independent authority guarantees the veracity of the curricular content. SICA facilitates the assessment of the research activity of each group of researchers, departments, projects being a consistent procedure for the public distribution of funds, and at the same time allows to stakeholders to access freely to the production itself.

SICA has become part of the culture of all researchers of Andalusia region. All CV items are validated when the production is downloaded to the Open Access Repository. After this, the text is properly labeled for an easy access and higher visibility. SICA2, has been improved in several directions, the CV database has been normalized, including the open access repository for science production, knowledge based social network and other features.

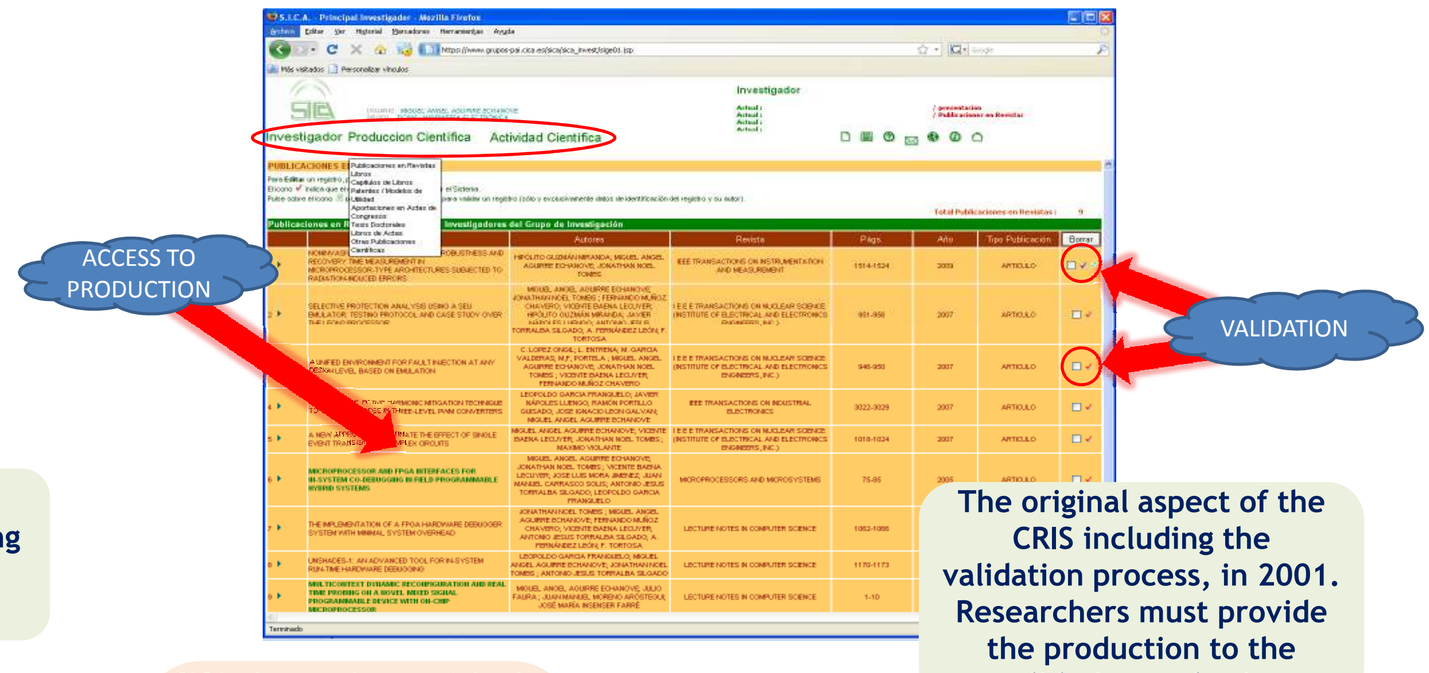
SICA has been designed to increase the social impact of the andalusian knowledge production. The EC, through the FP7, has awarded SICA with the project SISOB, which aims to establish methods and tools for social impact assessment of the Science in Society.

SICA is a Competence Research Information System that during the past ten years has served as a powerful tool for the governance of the research activity of the Andalusian region in the south of Spain. In terms of the efficiency of the governance, it has supposed a real saving of money in reducing administrative procedures, time for researchers for CV compiling, time for research assessment, and paper, because every transfer of information is made using electronic formats.

- Eight Provinces
- 87.268 Km^2
- 8.370.975 inhab
- Government: «Junta de Andalucía»
- Political Capital: Sevilla
- Nine Universities



Nine universities and research centers, hosting the activity of around 25.000 researchers.

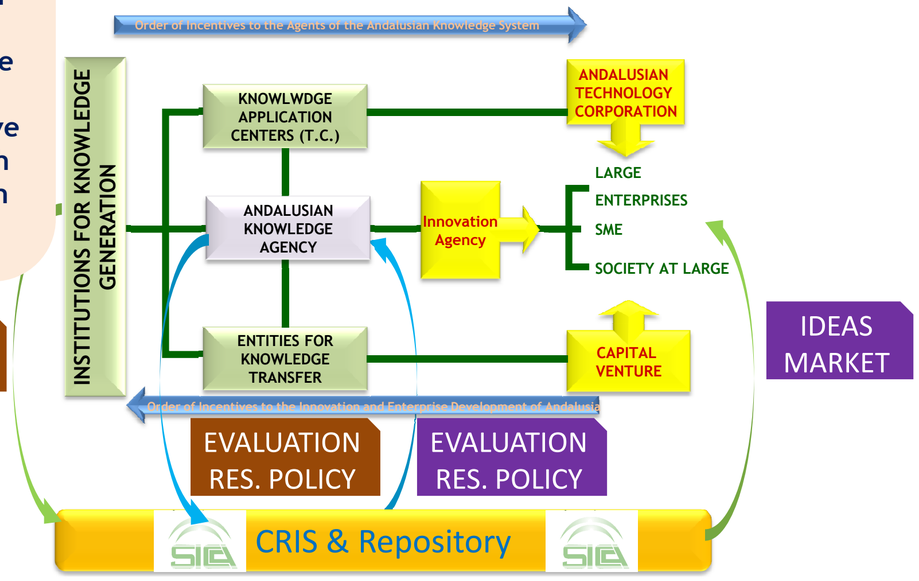


The original aspect of the CRIS including the validation process, in 2001. Researchers must provide the production to the validation authority.

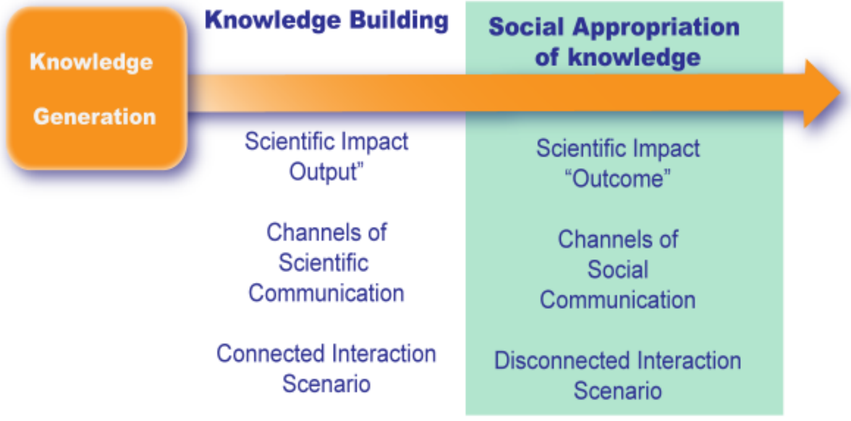
SICA is coordinated with the Spanish institutions related to Science, there is a unique interchange format, CVN (Normalized CV), that plays a key role in the dialogue with other institutions.

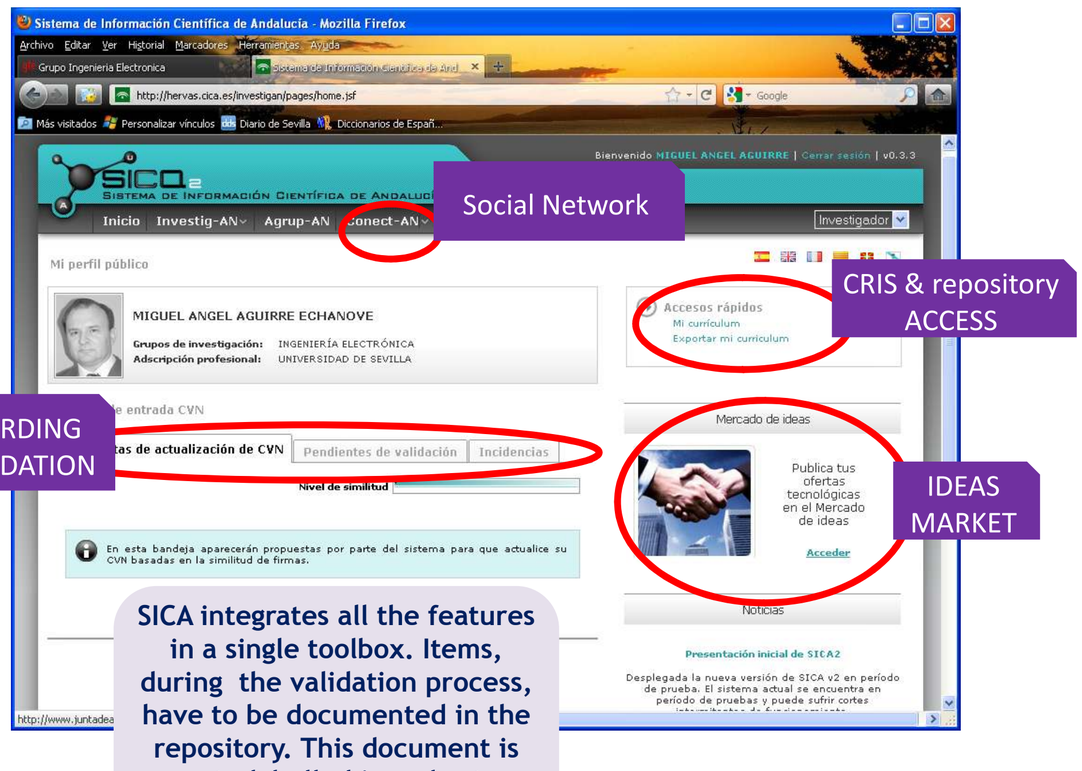
SICA plays and essential role in the Andalusian ecosystem of innovation. The system records the knowledge, register, label and organize the production. It is presented to the productive system as an offer through the "Ideas Market", which put in value the registry contents

CV ITEMS
OA Repository

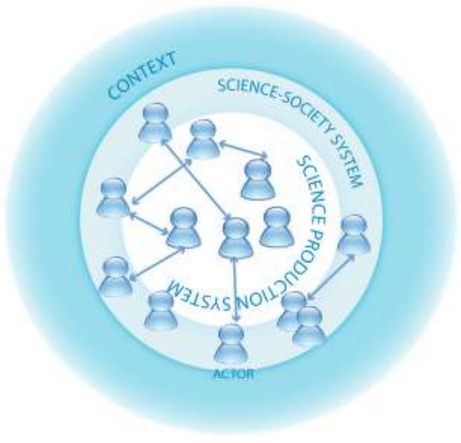


IDEAS MARKET





SICA integrates all the features in a single toolbox. Items, during the validation process, have to be documented in the repository. This document is meta-labelled in order to provide a smart access.



SISOB pursues methods and tools for the assessment of the real impact of the activity of researchers in the society at large. Modern computer methods and tools are being built, that collect information, feed indicators that will perform the evaluation