

Lines of activity of the project (2015-2017)

Summary

VLC/CAMPUS
VALENCIA, INTERNATIONAL CAMPUS OF EXCELLENCE

1. Future forecast

VLC/CAMPUS has requested an extension of the CEI programme loan, whose transfer was completed in 2013. It envisages a very important resource execution scenario during the 2015 fiscal year and, to a lesser extent, during that of 2016. This scenario includes the availability of 1.2 millions of euros to develop activities during 2015, out of which 63% are centred around the areas of scientific improvement and knowledge transfer and around ICE's internationalisation strategy. In 2016, the forecast on resource availability is of €650,000.

VLC/CAMPUS will launch a specific agreement in order to materialize the representation of the Valencian Government and other big regional enterprises and institutions in each of its three fields of expertise, in the direction bodies and in CEI assessment. Within the teaching scope, we will continue supporting the **general mobility programme VLC/CAMPUS** described above in section 2.3.1 as a complement to **IGSP VLC/CAMPUS** activities and to the strategy used for the consolidation of Valencia as a main ERASMUS destination. According to the plan, the Steering Committee of the **IGSP VLC/CAMPUS** will hold a meeting in September in order to elaborate the action plan for the following academic year which, foreseeably, will still have ICE's programme resources available for its funding.

We will keep on supporting student participation in contests and in international academic excellence programmes such as those mentioned along the report, giving particular emphasis to facilitating VLC/CAMPUS students the participation in academic programmes established within the frame of the **California Spain Campus** initiative or those which arise from the activities carried out by the **Metropolitan Networks of Excellence**, formalised by the CEI at a European level. In order to facilitate the development of the **California Spain Campus** initiative it is relevant to extend partnership agreements in order to carry out activities with other centres of the UC Berkeley. An example could be the meeting which took place recently at the headquarters of the VLC/CAMPUS initiative, with the vice-principal of the Center for Entrepreneurship & Technology de la UCB, Ken Singer, a meeting where the projects related to simulators and virtual reality were presented; other meetings were held with principals and vice-principals of international so as to tackle student mobility topics and work placements in start ups which are dependant on the San Francisco CET. For the promotion of joint research efforts, the California-Spain Campus initiative expects to facilitate the organization of joint events, such as the international session "VLC-Plant-Biotech"¹ which will take place next 28 and 29 September 2015 and which will count with experts from the UCB, VLC/CAMPUS and ANDALUCIA-TECH to address several advances in plant biology and biotechnology. Contacts have also been made with the Hass School of Business in order to establish links in terms of mobility following the lines of the existing MOU. In this context, it is anticipated that, within the field of this initiative.

Other initiatives with American centres of excellence would be those launched with the Complutense University of Madrid in order to facilitate the participation of the UV with the RCC (Real Colegio Complutense de la Universidad de Harvard) These contacts will foreseeably be formalised in October 2015 after the signature of a partnership agreement which opens up another door to carry out activities of academic and research excellence under collaboration with such prestigious American university. Along these lines, in September we foresee the celebration of a scientific event in the IECO-UNESCO² Chair (UV-UPV), appointed to VLC/CAMPUS through Doctor Donna Hicks, from the University of Harvard. There is also a will to deepen in cooperation activities with the University Of Texas Southwestern Of Dallas which have already started with the organisation of a joint scientific meeting focused on biomedicine, a meeting which took place thanks to the existing Partnership agreement.

Regarding the development of joint resources for research and innovation, we expect to review and extend the following calls promoting the participation of research staff appointed to the MCI of the VLC/CAMPUS in joint R&D&i projects

¹VLC_PlantBiotech Session <http://vlc-plantbiotech2015.es/>

² Instituto IECO-UNESCO: <http://ieco.us/>

with hospital research foundations and companies; this way we aim at extending the existing partnership agreements in order to include these projects to the researching staff of the "Fundación de Investigación del Hospital General de Valencia" and to the CIPF (Prince Felipe Research Centre). On the other hand, we pretend to launch special research actions to position VLC/CAMPUS in the development of the *Alianza ER-CV* and the "Centro de Referencia Estatal de Atención Sociosanitaria a personas con Trastornos Mentales Graves del IMMSERSO".

Another future challenge would be to support the creation of new joint research structures and to support the development of the following projects:

IFIMED: The Installation of Medical Physics (IFIMED) arose as a spin-off project of the research carried out by IFIC groups (CSIC-UV) on Image and Accelerators applied to Medicine and it was included, at the time, in the National Map of Scientific and Technological Infrastructures (ICTS). It has been included in the European ENLIGHT Platform of Medical Physics Centres, which is coordinated by CERN, since 2007. In 2010, IFIMED's Scientific, Technic and Economic Report was approved by CAIS (Assessing Committee for Singular Infrastructures) for its development in two periods. Within the first period, the equipment of Research Labs for Image Accelerators is being completed in 2015 along with the installation of a research PET, funded thanks to FEDER Funds of MINECO, co-financed by the UV.

Our future forecast presents a key project based on the participation in OPENMED (under collaboration with CERN) for an ideal design and construction of an accelerator sample to perform Therapy of Particles.

In case of having the budget, VLC/CAMPUS would prioritize actions oriented to co-funding an innovation manager programme to support the launching of the installation's future projects.

The **Institute for Integrative Systems Biology (I2SysBio)** is a joint project UV-CSIC for the development of interdisciplinary researches on the same dynamics and the evolution of complex biological systems which includes theoretical, computational and experimental researchers. As stated above, the **I2SysBio** was created with the objective of being connected to the economic environment through cooperative research partnerships with technology based companies such as the Valencian enterprise BIOPOLIS SL (<http://www.biopolis.es/>). In the case of the **Institute for Integrative Systems Biology (I2SysBio)**, there is already a building and scientific equipment to give a start to the activities of the Institute. The priority of VLC/CAMPUS is to support internationalisation activities within excellence research initiatives of the new centre and the complementary programmes of scientific equipment which are understood as necessary in a newly-created centre. .

Within the field of campus transformation, we will continue on developing the existing initiatives, giving special emphasis to the campus' social character through the elaboration of a plan aimed at recruiting resources for the development of an inclusive and sustainable campus. Regarding the development of an innovation and open-collaboration model of the ICE, we aim at recruiting resources to promote specific innovation networks appointed to the activities carried out by the existing living labs through an action plan aimed at translating the products, new services and innovations which are being generated to other social contexts. It is a priority for VLC/CAMPUS to search for resources to promote and internationalize the activities carried out by ABACO (**Observatory of Knowledge-Based Activities**) as well as to develop an **Innovation and Strategy Programme** as a vehicle to show society and ICE's partners the results of the joint activities and which allows the aparition of new joint projects.

Within the field of ICE's interaction with the production and territorial environment, the success of the programme for the promotion of innovation ecosystems of the VLC/CAMPUS invites to continue stablishing alliances within ICE's territorial environment to strengthen current programmes from a double approach: continuing the programme **VLC/CAMPUS Start Up** under collaboration with the **Spanish Association of Entrepreneur Scientist** and promoting the promotion programme of Living Labs through the creation of specific innovation networks under collaboration with public administration and enterprises and developing the alliance with UAB's CEI for the creation of an **CEI Networks**

'**Campus as Living Labs**'. It is also planned to support the activities carried out by the VLC/CAMPUS Metropolitan Network of Excellence with the objective of internationalizing good practises and generating new joint projects.