

Trīskāršoti ieņēmumi un ieguldījumi darbiniekos un infrastruktūrā - LU CFI transformējošais CAMART² projekts noslēdzas

Avots: LU CFI

Ar Eiropas Komisijas apstiprinājumu noslēdzies CAMART² projekts, kas astoņu gadu garumā tika īstenots programmas Horizon 2020 Teaming ietvaros. Projekta kopējais finansējums bija 30 miljoni eiro (15 mlj EUR no ES un 15 mlj EUR no nacionālajiem avotiem), un tā mērķis bija modernizēt Latvijas Universitātes Cietvielu fizikas institūtu (LU CFI), pārvēršot to par pasaules līmeņa izcilības centru zinātnē, inovācijās un starptautiskajā sadarbībā.

CAMART² projekta ietvaros institūts piedzīvojis būtiskas pārmaiņas. Ir paplašināta pētnieku komanda un piesaistīti starptautiski talanti (pieaugot no 200 līdz 300 darbiniekiem), izveidotas jaunas maģistra un doktora studiju programmas, kā arī 15 miljoni eiro ieguldīti modernā zinātniskajā infrastruktūrā. Zinātniskā izcilība un publikāciju kvalitāte ir pieaugusi, sadarbība ar industriju un ārvalstu partneriem ir pastiprinājusies, un ir radušies vairāki jaunuzņēmumi no institūta inovāciju ekosistēmas – tas viss rezultējas ar ikgadējo ieņēmumu trīskāršošanos no 3 mlj EUR uz 9 mlj EUR.

Projekta panākumus uzsver arī Eiropas Komisija: “Projekts ir sasniedzis iesaistīto rezultātus ar sevišķu ietekmi gan īstermiņā, gan ilgtermiņā [...] ir sasniedzis tā galvenos mērķus un ļaus LU CFI efektīvi darboties arī pēc CAMART² noslēgšanās”.

LU CFI direktors Andris Anspoks saka: “CAMART² apliecina, ka, apvienojot stratēģiskas, ilgtermiņa investīcijas zinātnē ar kapacitātes

stiprināšanu un modernas infrastruktūras attīstību, iegūstam nozīmīgus rezultātus.”

Nākotnē LU CFI turpinās attīstīt CAMART² projekta gaitā iedibināto pamatu, lai vēl vairāk stiprinātu savu starptautisko konkurētspēju un paplašinātu sadarbību ar akadēmisko vidi, industriju un sabiedrību.

Institūts pateicas visiem darbiniekiem, projekta komandai un partneriem – KTH Karaliskajam Tehnoloģiju institūtam un RISE Zviedrijas pētniecības institūtiem – par ieguldījumu šīs pārveides īstenošanā.

Vairāk par CAMART² projekta ietekmi lasiet [šeit](#).

“CAMART²” (granta līgums Nr. 739508) īstenošanā ieguldīts 30 milj. EUR: Eiropas Komisijas piešķirtais finansējums – 14 999 955 EUR, kā arī LR Izglītības un zinātnes ministrijas, LR Ekonomikas ministrijas un LU CFI līdzfinansējums specifiskā atbalsta mērķa projekta Nr.1.1.1.4/17/I/002 ietvaros – 15 320 196 EUR.

Latvijas Universitātes Cietvielu fizikas institūts ir starptautiski atzīts materiālzinātņu un starpdisciplināru pētījumu līderis Baltijas jūras reģionā. Institūtā strādā 300 darbinieku, tostarp vairāk nekā 100 augsti kvalificētu zinātnieku, kas veic starptautiski konkurētspējīgus pētījumus, izglīto studentus un piedāvā inovatīvus pētnieciskos risinājumus rūpnieciskām vajadzībām.

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Tripled Revenue & Investments in Employees and Infrastructure: The Transformational CAMART² Project Officially Concludes

The CAMART² project, an eight-year Horizon 2020 Teaming initiative, has officially concluded with the European Commission's approval of its final report. With 30 million EUR in total funding (15M from the EU and 15M from national sources), the project's goal was to modernize the Institute of Solid State Physics, University of Latvia (ISSP UL) into a world-class Centre of Excellence in research, innovation, and international collaboration.

Over the past decade, CAMART² has reshaped ISSP UL. The institute has expanded its team and attracted more international talent (from 200 employees to 300), developed new Master's and PhD programmes, and invested 15 million EUR in cutting-edge infrastructure. Scientific output has grown in both quality and volume, collaborations with industry and international partners have intensified, and several spin-off companies have emerged from its innovation ecosystem all resulting in annual revenues tripling from 3M EUR to 9M EUR.

The success of the CAMART² project is also lauded by the European Commission: "The project has delivered exceptional results with significant immediate or potential impact [...] has reached its main objectives and established the structural conditions for ISSP UL to operate effectively in the post-CAMART² era".

Andris Anspoks, Director of ISSP UL, says: "CAMART² proves that strategic, long-term investments in science, combined with capacity building and modern infrastructure, yield significant results."

Looking ahead, ISSP UL will build on the foundations laid by CAMART² to further increase its international competitiveness and deepen cooperation with academia, industry, and society.

The Institute thanks its staff, project team, and partners KTH Royal Institute of Technology and RISE Research Institutes of Sweden for their dedication and support in making this transformation possible.

[More about the impact of the CAMART² project \[link to camart webpage and long press release\]](#)

CAMART² concludes decade of Teaming project development as European Commission gives final approval

The final report of the CAMART² project has been approved by the European Commission, releasing the remaining funding of **2.25M EUR** in August 2025.

With this the project is formally concluding.

In total the project has brought **30M EUR** to the Institute of Solid State Physics, University of Latvia (ISSP UL / Institute), including 15M EUR from the European Commission's Horizon 2020 Teaming program and 15M EUR as national complementary funding.

The project has been highly esteemed by Brussels – as reflected also in the final review report which reflects on overall project performance and results – ***“The project has delivered exceptional results with significant immediate or potential impact” and “has reached its main objectives and established the structural conditions for ISSP UL to operate effectively in the post- CAMART² era”.***

The project has fostered organization-wide transformation of processes and culture, in essence building a brand new approach in the Institute for research, innovation and extended international collaborations based on the extensive experience and knowledge transfer from the Consortium Swedish partners KTH and RISE.

Some of the key facts about results reached and main activities of the project:

- Annual **revenue** of the centre has grown from **3M to 9M EUR**,
- **Staff** has **grown from 200 to 300**, also engaging many of the younger and mid-age generation as well as internationally experienced researchers,
- A strong **support organisation** has been created for attracting **international funding**, resulting in **international revenue** growth from **0.5M to 2.5M EUR / year**,
- **Research excellence** has been **boosted** and output has substantially grown in terms of quality of **publications** and their numbers (to **180** in a year, **71%** in **international** collaboration),

Komentēja [MM1]: Ja ir tikai viens 'center', vai te vajag dsk?

Komentēja [MM2]: tas pats jautājums, kas iepriekšējā komentārā

- New processes and team were engaged for **innovations development** resulting in attracting **5M EUR** in innovations **funding**, more than **10 Deep-tech Hackathons**, many research **commercialization projects** and **5 startups** created,
- **Industry service offers** attracting in total **1.6M EUR** from domestic and international clients,
- **New**, more applied-research-focused **Master and PhD programs** developed, which also contributed to the rise of students working in the Institute (from 20 to 60 on average),
- **15M EUR** invested in **scientific infrastructure**, enabling new research and talent attraction,
- **Open access** process to lab tools implemented (**ISO 9001** certified),
- New organisational structure with **service-oriented mindset** implemented,
- Various **culture changes**, educational, inspirational seminars and activities conducted within the Center of Excellence and disseminated to the wider community.

As noted by the review “*emphasis is on a ‘Culture of Excellence’, encouraging science, innovation, dialogue with industry and interdisciplinarity*”, which was an essential target of the project – to establish culture for **internationally competitive research and innovation** that will enable change to last and grow beyond the project.

During the project, special attention was given to the establishment of a strong support organisation to foster research collaborations, innovation and international projects. This has resulted in substantial annual revenue growth, attraction of numerous international research grants, as well as application success rate reaching 14%. Among the international projects are collaborative research grants and Widening projects (such as ERA-Chairs, Twinning, Hop-on). Ambition and actual progress to reach excellence in science has significantly contributed to these results.

Annual **revenue** growth has long surpassed the additional 1M EUR annually that were brought to the Institute by the CAMART² project since 2017. It has been replaced by additional international projects of 2M EUR / year and total **revenue** growth by 6M EUR. Base funding for the institute has grown from 1M to 2M EUR in part due to pure performance-based allocation where competitive funding attraction as well as quality of science performance are among the key

Komentēja [MM3]: tas pats par dsk

Komentēja [MM4]: dsk?

parameters. CAMART² has clearly made a strong impact on **long-term sustainability** for the centre.

All the project complexities and the extensive team were carefully orchestrated by dedicated leadership. As noted in the final report – *“**The whole team proved again to be highly competent and in control of the project, which consistently progressed towards the objectives and delivered the expected outcomes, including positive outlook for financial sustainability**”*. To ensure efficient implementation, it was crucial to establish a strong core team early in the project and make all the key players of the Consortium take active part in building towards success.

As the project Coordinator and Chairman of the Steering Committee Dr. Andris Sternbergs notes – *“It was a special honour to work with the team which had a clear vision, was **results-oriented and efficient** – allowing to bring excellence into all levels of the project operations. Special thanks to project manager Dr. Martins Rutkis and his deputy Andris Ozolins, who were the nucleus to steering the project to the highest quality standards. It was a great pleasure to see all the work package leaders, ISSP UL management, Consortium partners and all the specialists strive for the best for the project and the Institute – significantly increasing its **international prestige** and making ISSP UL an ever-better place for science and innovations.”*

One of the relevant efforts in the project was the engagement of the Consortium partners – in helping the Institute to grow and for joint research and innovation. Thus, making the project well balanced to benefit all the partners engaged. The project review report esteems the project as a **success story** for regional strategic alliance and ecosystem building and recommends it as a case study, namely *“We **recommend capitalising on CAMART², by building a case to communicate and widely disseminate the key learnings** (ingredients, methods, successes, achievements, etc.) from the project.”*

The director of ISSP UL Dr. Andris Anspoks summarizes – *“As the CAMART² project concludes, we are proud to have modernized our science and innovation centre of excellence and strengthened our position in the global scientific community. Our Swedish partners have been instrumental in this success. CAMART² proves that strategic, long-term investments in science, combined with capacity building and modern infrastructure, yield significant results.”*

The project team thanks all the contributors for the results and success of the project from all areas of the organization – research, innovation and administration. A special thanks goes to project Consortium partners KTH and RISE – their diligence and professional support through the years has made a lasting impact to the new potential developed at ISSP UL.

All the best wishes for new and even greater achievements in the future.

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CAMART² – a European Commission Horizon 2020 Teaming project of 8 years aiming to upgrade ISSP UL to a new, significantly stronger Centre of Excellence and open the research knowledge and infrastructure of ISSP UL for Innovation and Technology Transfer. The project was preluded by an EU-funded 1st phase between 2015-2016 when a business plan for CAMART² Center of Excellence had to be prepared. The project was coordinated by ISSP UL as the main beneficiary and was supported by 2 advanced partners from Sweden – KTH and RISE. The project was funded under the European Commission Horizon 2020 Widening program's Teaming call of 2016.

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Project website: www.camart2.eu

CORDIS project site: <https://cordis.europa.eu/project/id/739508>