INSTITUTE OF SOLID STATE PHYSICS
UNIVERSITY OF LATVIA

CAMART²

H2020 WIDESPREAD TEAMING PROJECT CAMART²

OBSTACLES AND KEY SUCCESS FACTORS

M. Rutkis

THE EXCELLENCE CENTRE OF ADVANCED MATERIAL RESEARCH AND TECHNOLOGY TRANSFER

H2020 Work Programme 2014-15:
Spreading Excellence and Widening Participation Call:
WIDESPREAD 1-2014: Teaming Project

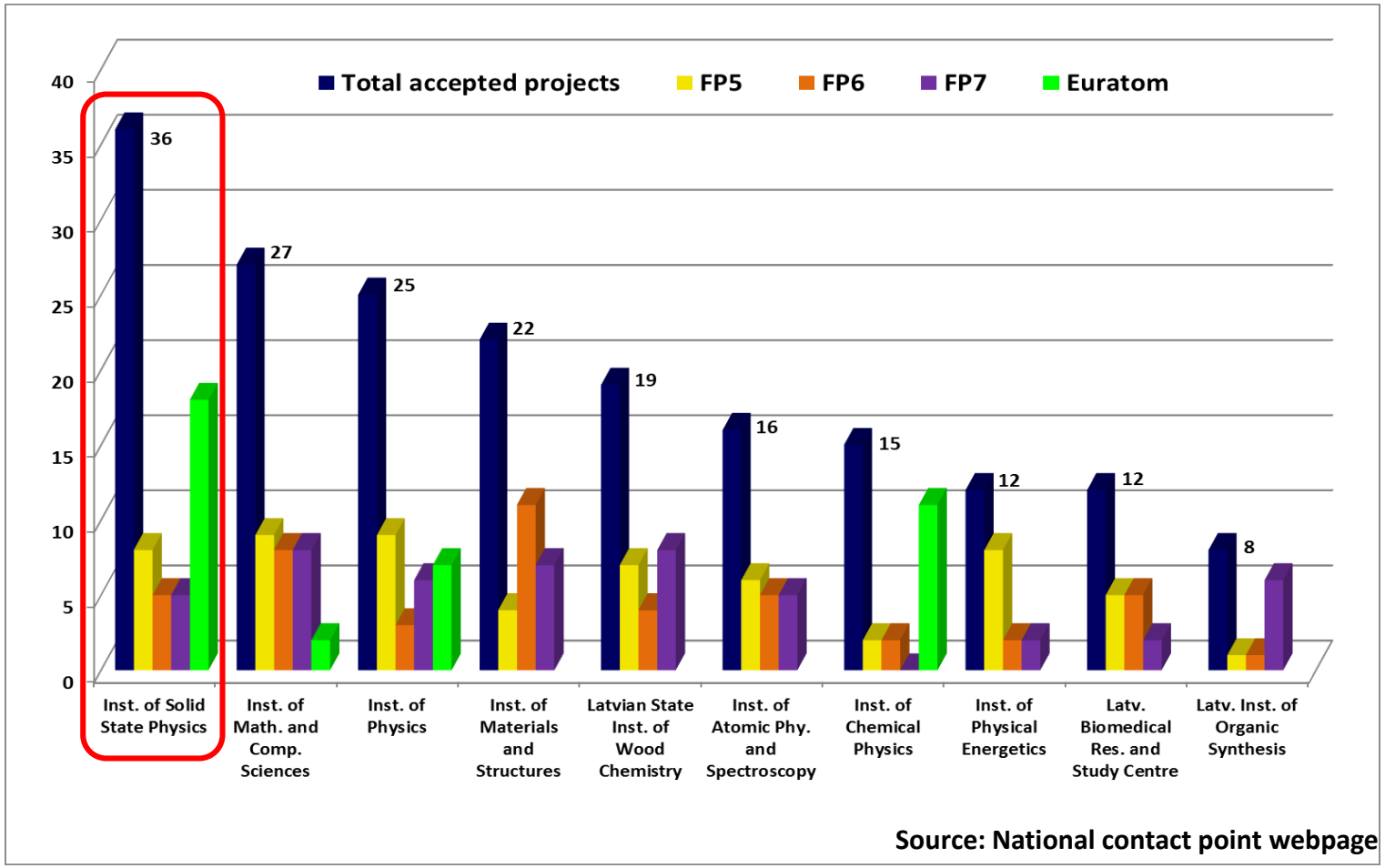
ISSP UL SUCCESS IN PREVIOUS FRAMEWORK PROGRAMS

FP5 Project realized 2001 - 2004

EXCELLENCE CENTRE OF ADVANCED MATERIAL RESEARCH AND TECHNOLOGY - CAMART

The ISSP UL has become an internationally recognized institution, and a leader in the material sciences and cross-disciplinary topics in Latvia

ISSP UL SUCCESS IN PREVIOUS FRAMEWORK PROGRAMS



Source: National contact point webpage

ISSP UL FAILURES IN FRAMEWORK PROGRAMS

CAMART²

Overall success rate (financed proposals):

- 89% from FP5
- 15% from FP6
- 23% from FP7
  - Particularly 3 REGPOT applications failed ...
- 25% from H2020
  - Just 2 (out of 8 proposals) projects get financed – Teaming_2014 (CAMART²) and MSCA_RISE_2015

CAMART² A WINNING PROPOSAL

CAMART² proposal was the **5th best proposal among 169 submitted to EC projects** (the only supported project in the nearest 1500km)

CAMART² WHY A WINNING PROPOSAL?

Because «Teaming» Call exactly fits us:

Specific challenge: Despite its strengths, the European Research and Innovation landscape presents a lot of structural disparities, with research and innovation excellence concentrated in a few geographical zones. These disparities are due to, among other reasons, **the insufficient critical mass of science and centres having sufficient competence** to engage countries and regions strategically in a path of innovative growth, building on newly developed capabilities. This could help **countries and regions that are lagging behind in terms of research and innovation performance** reclaim their competitive position in the global value chains. Teaming will address this challenge **by creating or upgrading such centres of excellence**, building on partnerships between leading scientific institutions and low performing partners that display the willingness to engage together on this purpose.

CAMART² WHY A WINNING PROPOSAL?

Because project partners from «well performing» country exactly fits us:

KTH Royal Institute of Technology:

- the **largest technical university** in Sweden;
- KTH is **among the world top universities** (overall rank 117 in the Times Higher Education World University Rankings 2013-2014);
- recorded for **industry income** - **innovation score 100 out of 100** (Times Higher Education World University Rankings).

CAMART² WHY A WINNING PROPOSAL?

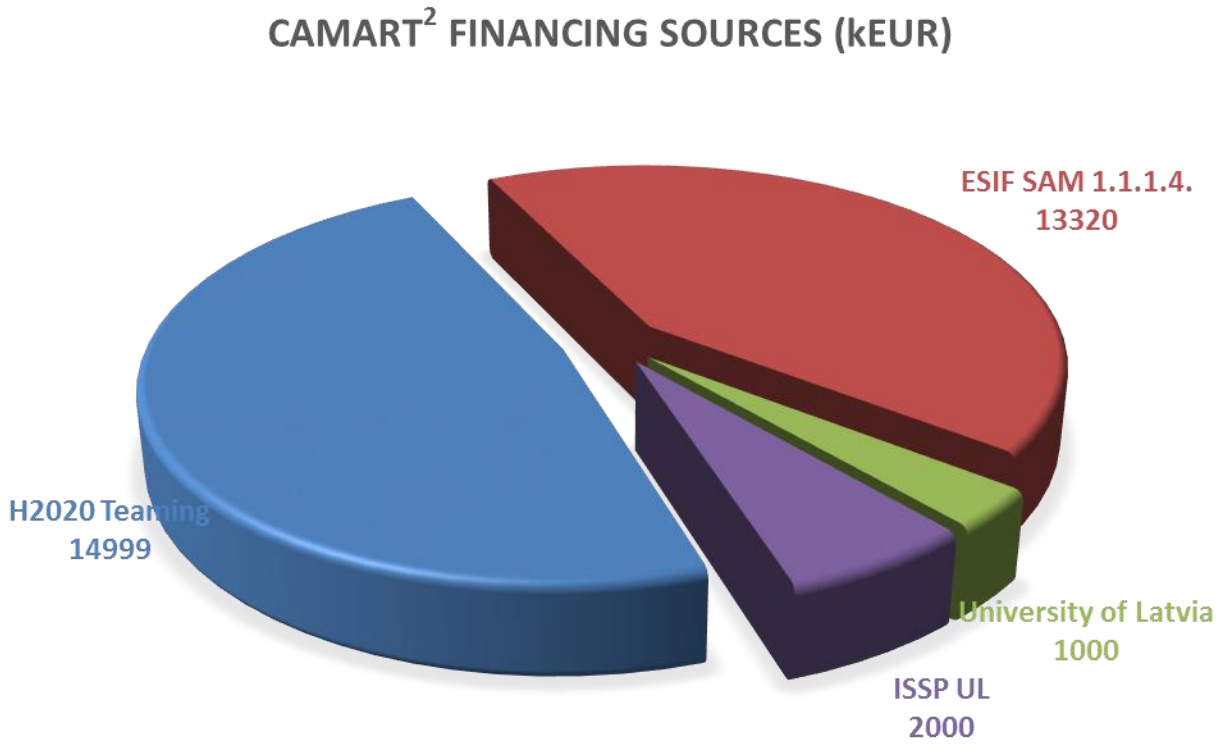
Because project partners from «well performing» country exactly fits us:

RISE Acreo:

- the Swedish research institute for **microelectronics, photonics, and communication technology;**
- more than **20 spin-off companies** have been successfully started from Acreo since 1999.

CAMART² WHY A WINNING PROPOSAL?

Because we have strong support from Latvian government and University of Latvia:



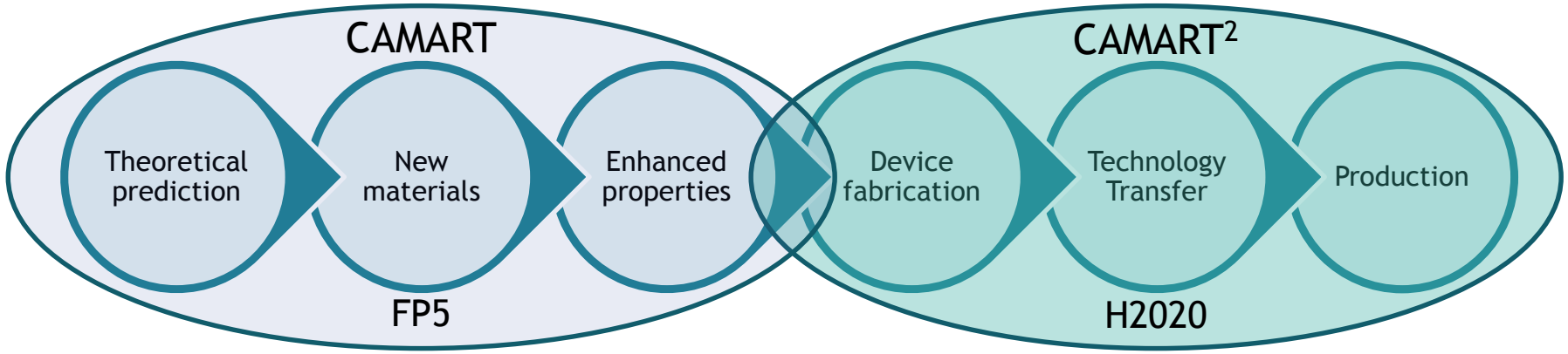
CAMART² WHY A WINNING PROPOSAL?

Because we managed to set up excellent project proposal team:

From left: Andris Anspoks, Andris Ozoliņš, Mārtiņš Rutkis, Teresita Qvarnström, Andris Šternbergs, Līga Grīnberga, Nils Nordell, Anatolijs Šarakovskis

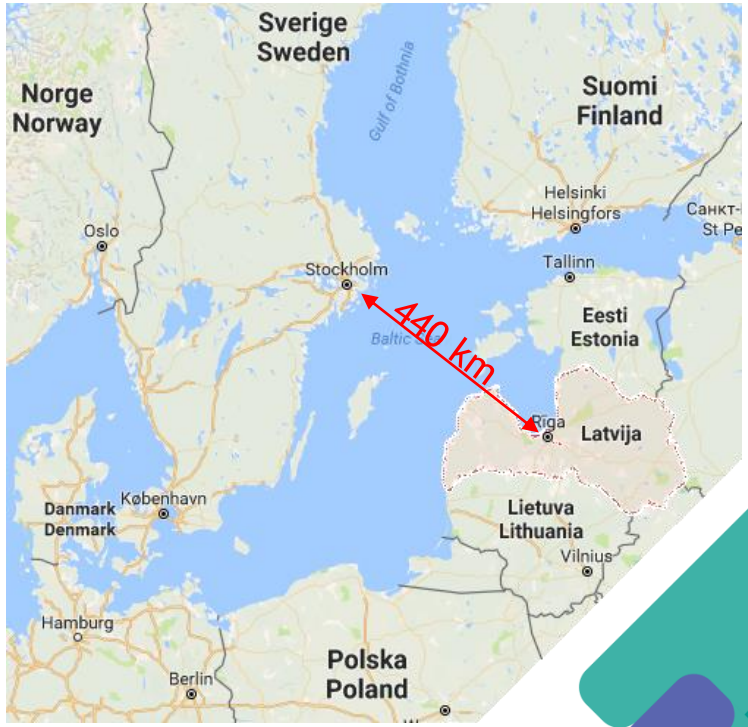
PROJECT CAMART^2 IS AIMING TO UPGRADE THE EXISTING CENTRE OF EXCELLENCE

The current project **CAMART^2** ("Excellence **C**entre of **A**dvanced **M**aterial **R**esearch and **T**echnology **T**ransfer") is aimed to **upgrade** the existing Centre **to a new, significantly stronger Centre of Excellence** and open the research knowledge and infrastructure of ISSP for Innovation and Technology Transfer.



CAMART² IMPACT

- **ISSP UL** as the most important centre of excellence for education, science, innovation and technology transfer in the BSR and a hub for **Riga-Stockholm** region
- Broad upgrade for **ISSP UL**, in-depth strengthening of the **Open Access Research Infrastructure** at ISSP UL
- Closer collaboration between academia and industry for applied materials physics on **both sides of the Baltic** (starting between **CAMART² Consortium partners**)
- Injection of highly educated young people as result of revised **education** programs at ISSP UL via collaboration with **KTH**



Thank you for your attention

CAMART²

THE EXCELLENCE CENTRE OF ADVANCED MATERIAL RESEARCH AND TECHNOLOGY TRANSFER

Project partners:

KTH Royal Institute of Technology

SWEDISH ICT ACREO

Project coordinator and main beneficiary:

INSTITUTE OF SOLID STATE PHYSICS
UNIVERSITY OF LATVIA