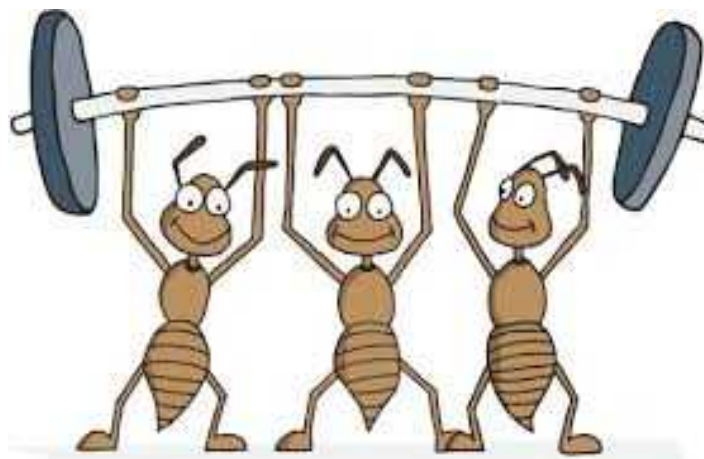


Expanding Potential in Particle and Radiation Detectors, Sensors and Electronics in Croatia

PaRaDeSEC

Work package 5 - Dissemination, communication and networking

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The primary goals of the dissemination and exploitation strategy

1. **Strengthening cooperation** within RBI, as well as with national and international partner institutions and existing collaborations.
2. **Informing the scientific community** of the achievements of the CDSE for detector, sensor, and electronics system development and testing, and joining **new top collaborations**.
3. Motivating **excellent researchers** and **the best graduating students** of Croatian universities to join the related research programs at RBI, resulting in increased research excellence.
4. Informing the **general public** and **industry** on the project achievements.
5. Facilitating **technology innovations** emerging from research at RBI.
6. Informing **national authorities** on progress of structural changes and research and innovation improvements at RBI.

Financial report for the 1st reporting period

WP 5

EUR	Executed	Planned RP1	Planned Total
Permanent staff	2.917,41	4.000,00 (16.000/60months*15 months)	16.000,00
Attendance to conferences and workshops	3.109,04 (2 international, 2 national)	10.800,00 (54.000/20*4)	54.000,00 (20 international conferences in 5 years)
Other promotional activities	5.209,90 (meetings about international collaboration projects with TUM, ETH Zurich, Helsinki Institute of Physics, CERN)	0,00	0,00
Organisation of events	871,07 (costs related to visibility and catering for kick-off meeting)	871,07	15.000,00
Project website	0,00 (designed and maintained at no Project cost, internal RBI resources)	8.000,00 (design and maintenance over 60 months)	8.000,00
TOTAL	12.107,43	23.671,07	93.000,00

Financial report for the 2nd reporting period

WP 5

EUR	Executed RP2	Planned RP2	Planned Total
Permanent staff	4.349,85	5.600,00 (16.000/60months*21 months)	16.000,00
Attendance to conferences and workshops	9.452,50	25.000,00	54.000,00
Other promotional activities	9.812,58 (meetings regarding international collaboration projects with ETH, PSI, CERN, INFN, Helsinki Institute of Physics)	0,00	0,00
Organisation of workshops/seminars	3.845,02	22.000,00	44.000,00
Other	3.532,07 (international collaboration membership fee)	0,00	0,00
TOTAL	30.992,03	52.600,00	114.000,00

Activities

- ✓ creation of the dedicated web site (<http://Inr.irb.hr/PaRaDeSEC/>)
- ✓ visibility in the yearly RBI Open days (June 2016, May 2017)
- ✓ visibility in the main national TV and radio stations, daily newspapers and web portals
- ✓ the European Researchers' Night (09/2018)



The kick-off event

Participation of targeted stakeholders:

- ✓ partner research institutions in Croatia
- ✓ national science policy makers
- ✓ potential new partners from academic institutions and industry
- ✓ public media



Outcome (invitations to present PaRaDeSEC):

- ✓ meeting of the Astroparticle Physics European Consortium (APPEC) “Astroparticle in Horizon 2020” (09/2015) Zagreb
- ✓ workshop of the Croatian Physical Society, (10/2015), Umag, Croatia
- ✓ Horizon 2020 Workshop - “Spreading Excellence and Widening Participation & Marie Skłodowska-Curie Actions”, 10/2015, Zagreb
- ✓ International Summer School of Science, 09/2016, Požega, Croatia

Conferences, workshops

During the 2nd reporting period there were **eleven** visits for attendance to the conferences and workshops organised abroad, and **five** visits to workshops at York and Helsinki co-organised by the PaRaDeSEC project.

12th European Conference on Accelerators in Applied Research and Technology (ECAART12), Jyväskylä, Finland, 07/2016, J. Härkönen

INFO DAY Spreading Excellence and Widening Participation in Horizon 2020, Bruxelles, 04/2016, N. Soić, T. Antičić

Networking

CERN RD50 “Radiation hard semiconductor devices for very high luminosity colliders” (~250 members, ~50 institutions, the research and development collaboration

Micronova Center operated by Aalto University / VTT (Technical Research Centre of Finland Ltd)

CMS (Compact Muon Solenoid) experiment at CERN
University of York, Edinburgh, Birmingham, UK



Short stay exchange visits

→ a very efficient way to communicate and disseminate project results, to initiate new, and strengthen existing collaborations

There were **14 visits** organised in the 2nd reporting period related to networking with our partners with aim to establish new or strengthen existing collaborations (D5.6).

- **Helsinki Institute of Physics** ↔ **RBI** → established close collaboration between HIP and RBI
- **CERN**, potential participation of Croatia as a partner in the **Accelerate@CERN** program
- **CERN**, the course on work with silicon pixel detectors of the **CMS collaboration** and discussions about silicon pixel CMS detector collaboration activities
- **Technische Universität München (TUM)**, scientific TUM-RBI cooperation on R&D on research equipment → signed formal **Memorandum of understanding** between TUM and RBI.
- **ETH Zurich** → signed formal **Memorandum of understanding** between ETH and RBI, with the participation of ETH in PaRaDeSEC



ETH zürich



Update

Update of the plan for exploitation and dissemination of result (if applicable):

→ (cancelled) three-day international workshop (funds for the 1st workshop used for (5 more than planned 20) short stay exchange visits) → proposed corrected work and financial plans: the final workshop planned to take place in the last project year, May or June 2020.

Kokopelli: links distant and diverse communities together.



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LOREM
IPSUM