



# Report from WP2: Dissemination, Communication & Outreach (DCO)

Ryszard Romaniuk, WUT  
Agnes Szeberenyi, CERN

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EuCARD'13 final meeting



- 1. Newsletter**
- 2. Public website**
- 3. Scientific publications**
- 4. Monographs**
- 5. PhD statistics**

- From April 2009 to December 2011
- Issues 1 to 11 available in archive

<http://cern.ch/EuCARD/news/newsletters/archive/>

- Subscribers rose from 200 to 800
  - All EuCARD members (~260)
  - + related projects
  - + requests via website

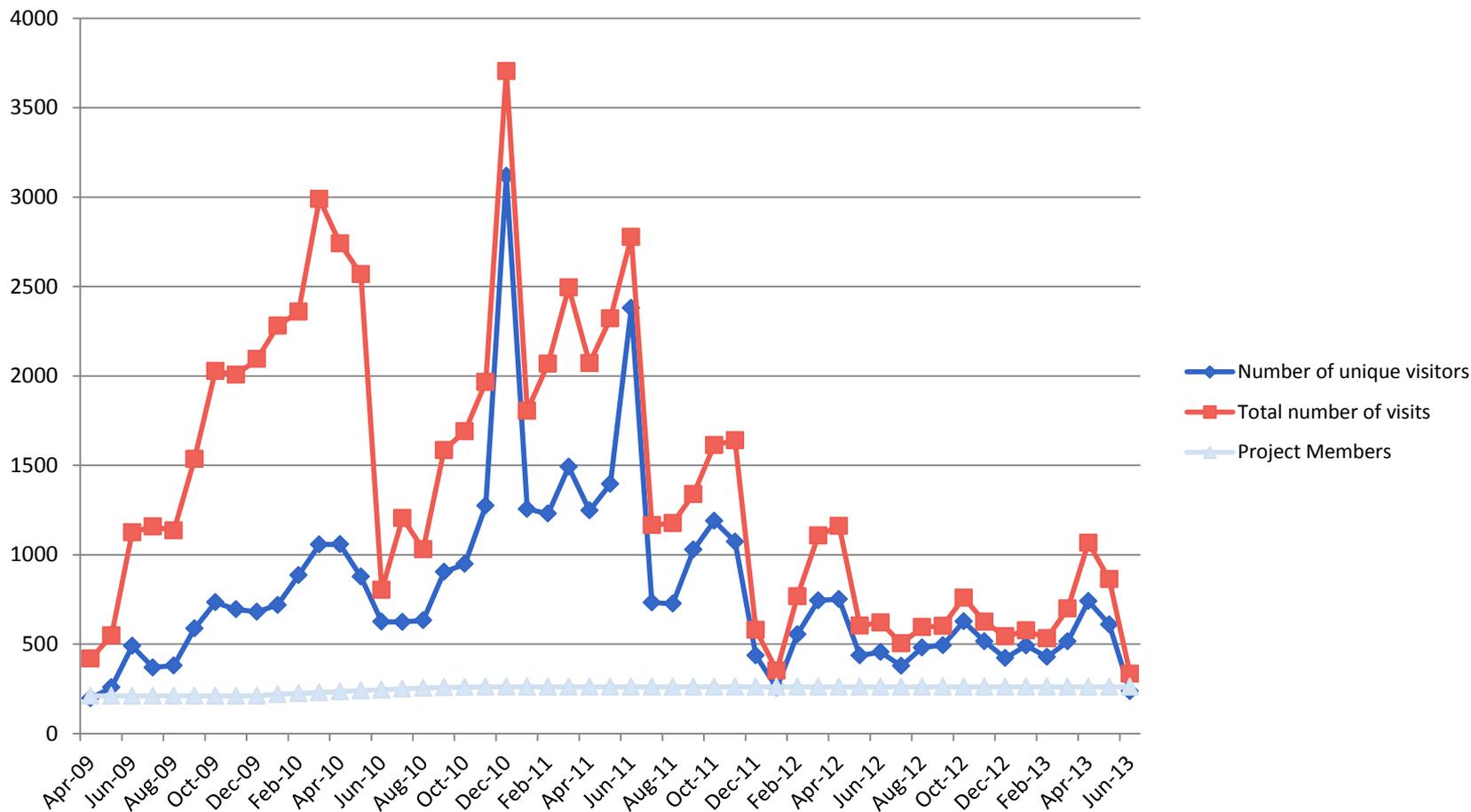


- 5 issues, 6<sup>th</sup> upcoming (after EuCARD'13): [www.acceleratingnews.eu](http://www.acceleratingnews.eu)
- Collaborative newsletter
  - EuCARD / EuCARD-2
  - HiLumi LHC
  - TIARA
  - External stories on CRISP
  - EUROnu (finished)
- More than 1000 subscribers
- Will be continued under EuCARD-2

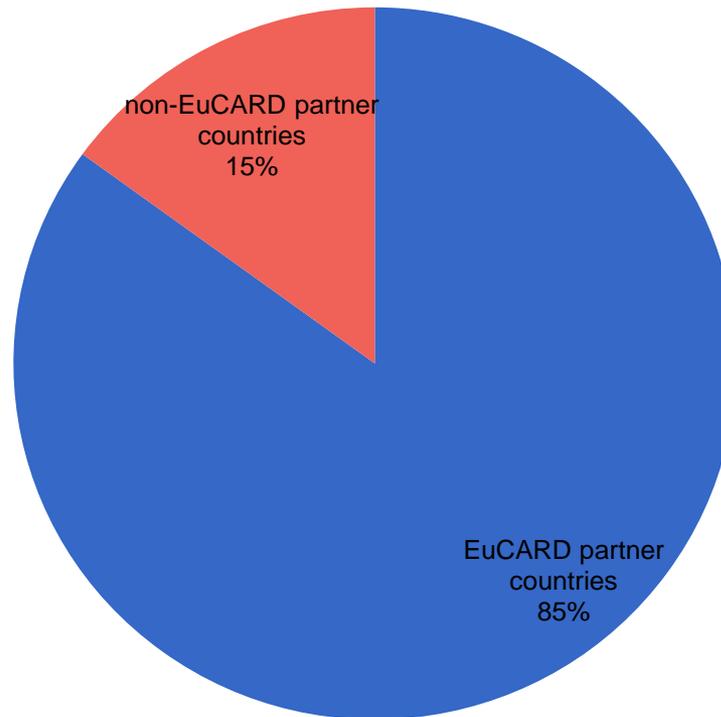




- Fluctuations over the lifetime of the project



- Visits from non-partner countries incl. India, Japan, Philippines, South Korea, US



- **Acknowledgement text**

- Please acknowledge EuCARD in your publication  
e.g. *Research supported by FP7 EuCARD*  
<http://cern.ch/eucard>

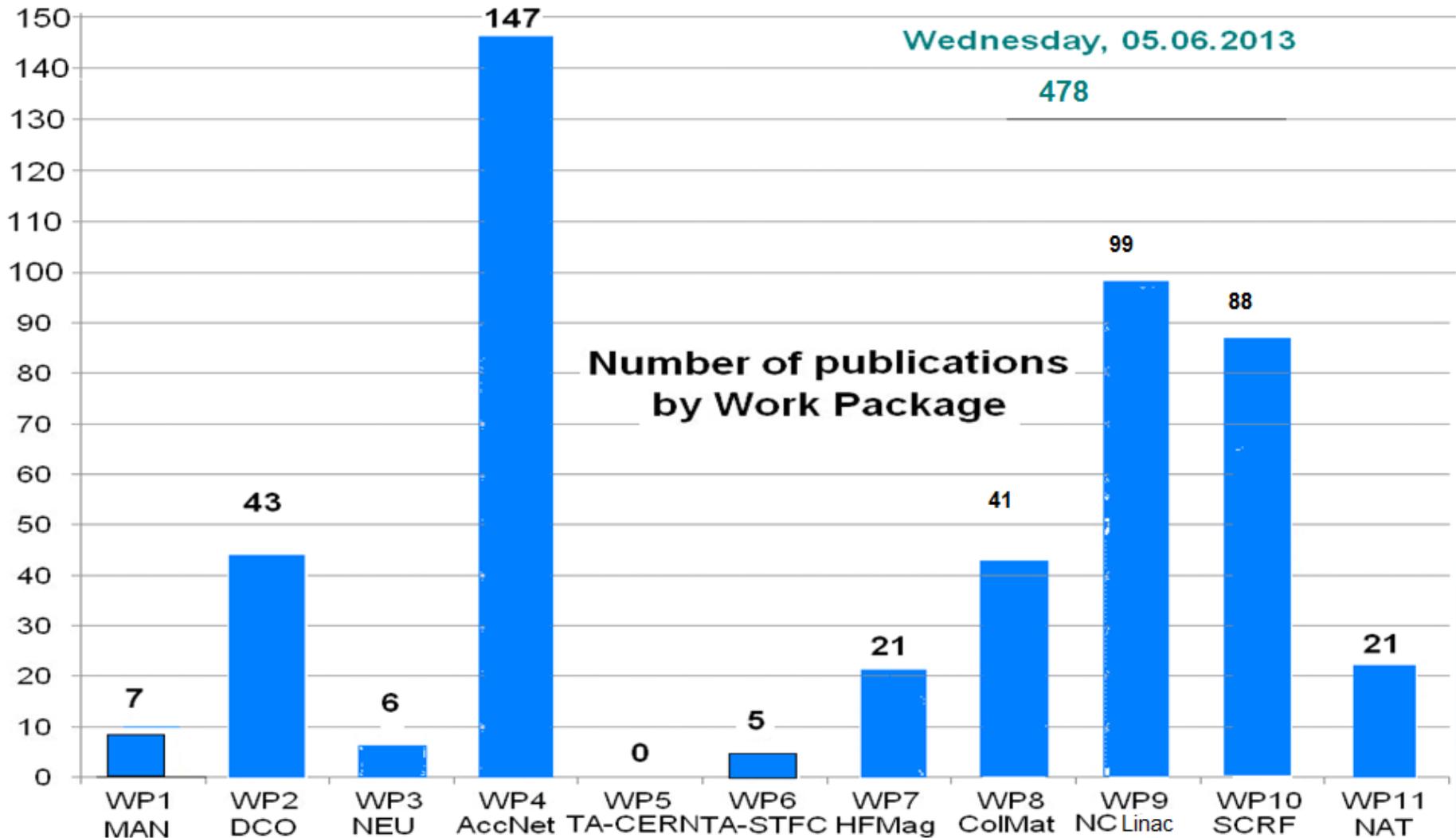
- **Copyright issues**

- For copyrighted material e.g. journals
- Upload an as-final-as-possible preprint to avoid issues

## Copyright issues

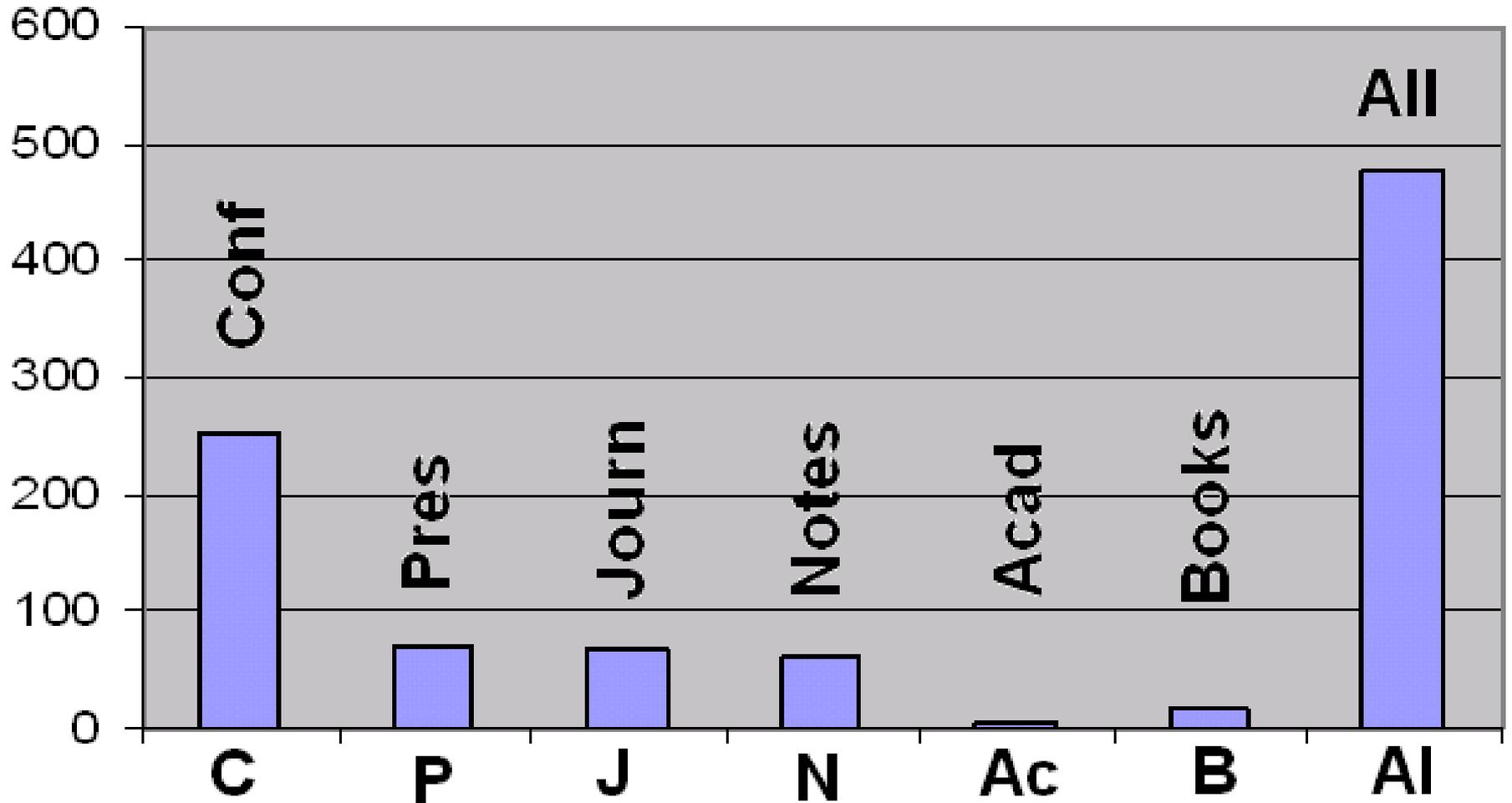
- Actions of **Katherine Chapman**
  - EuCARD publications
  - Booklets
- Actions of **Annette Holtcamp** – CERN Library and INSPIRE
  - EuCARD Booklets are in INSPIRE

Wish list for version 2	Status
New “miscellaneous” category	<b>Done</b>
More info in notification emails	<b>Done</b>
Allow publications from multiple work packages	<b>Done</b>
Link EuCARD publications to those already in CDS	<p><b>Done</b></p> <p>Simple tagging does not fulfill consortium agreement:</p> <ul style="list-style-type: none"> <li>- Need automatic front page of acknowledgements</li> <li>- Need to send out automatic approval emails</li> </ul> <p>For now <b>submit file</b> copy/pasting details &amp; CDS report number, library then automatically notified to merge 2 CDS entries</p>

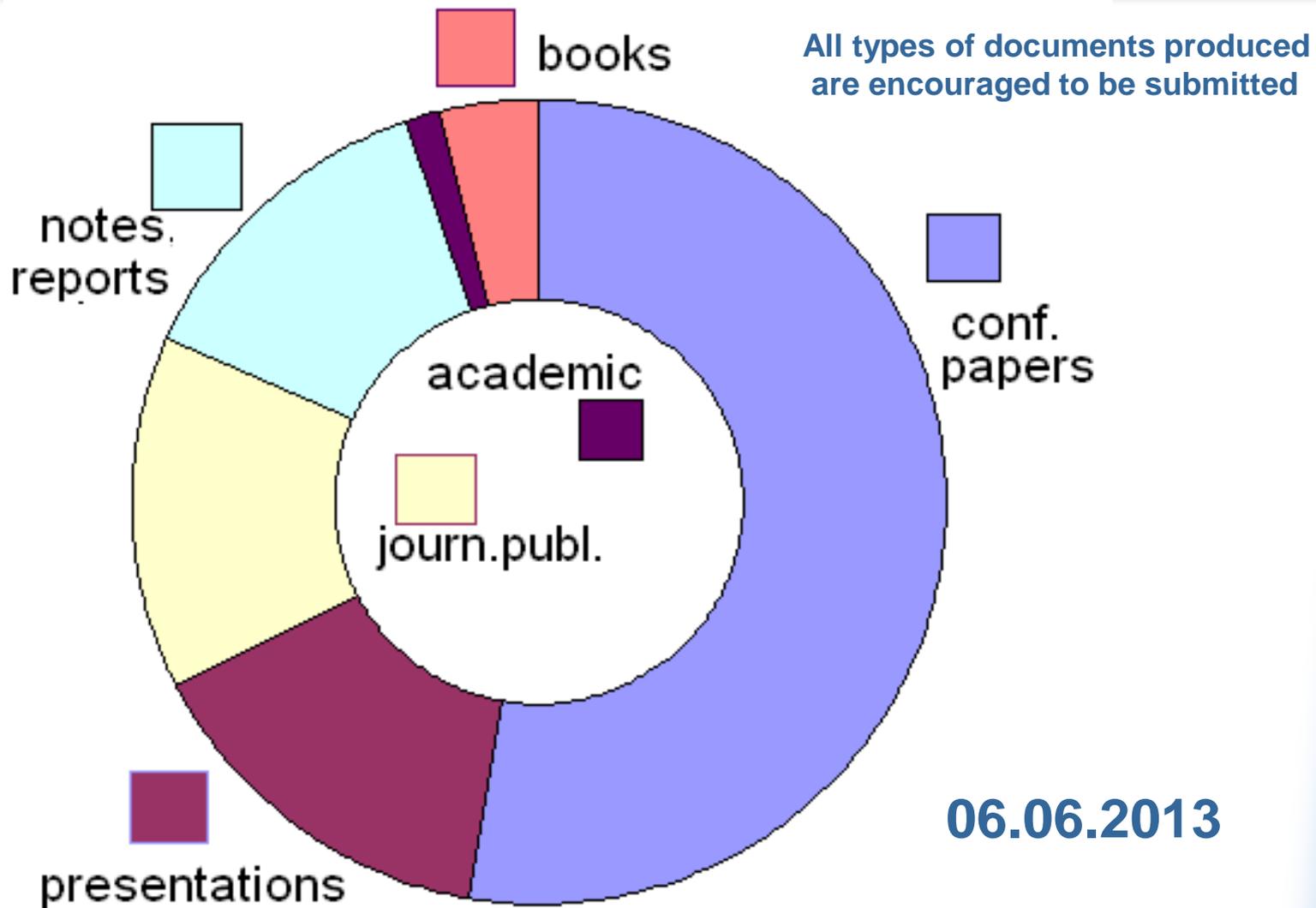


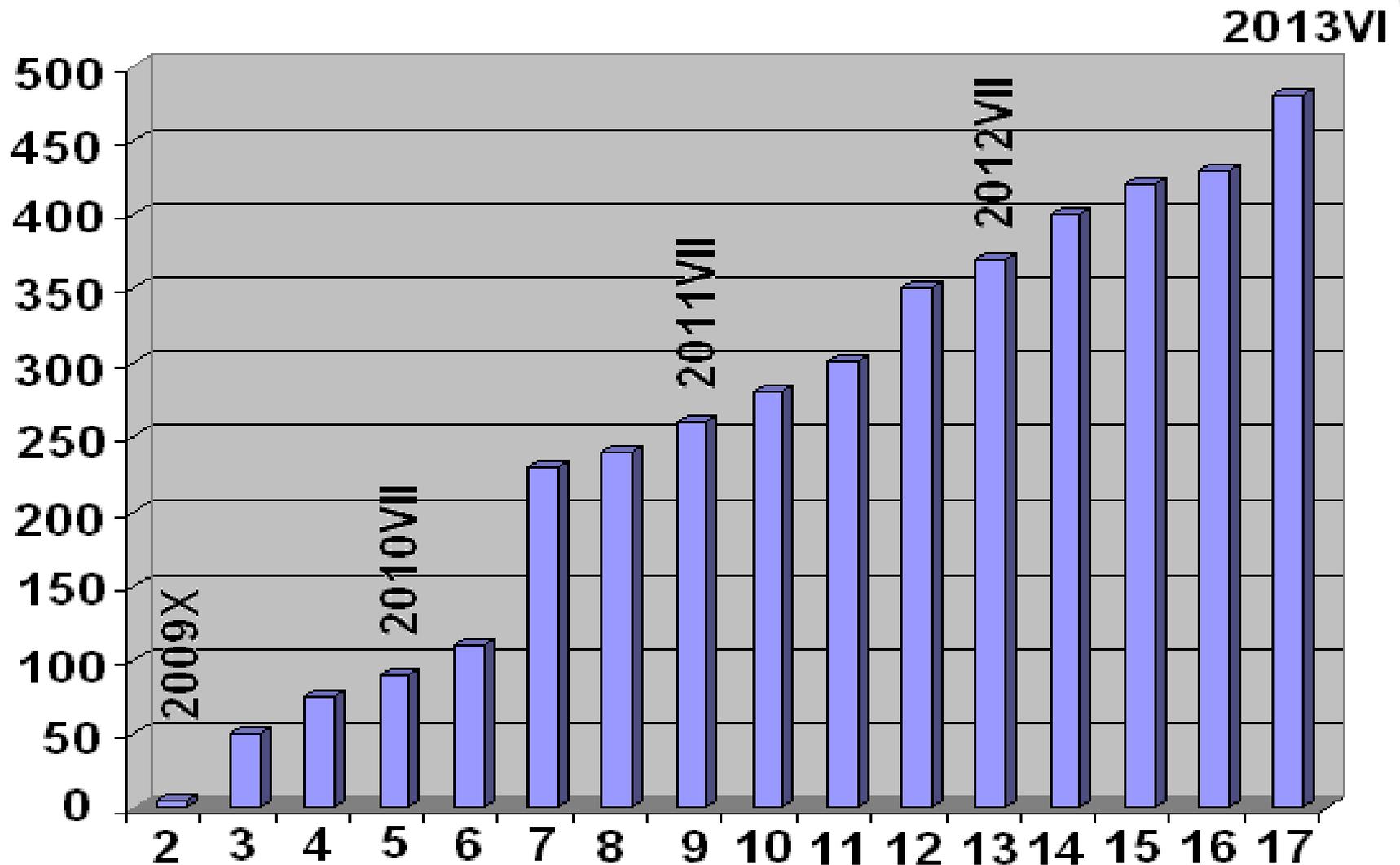
## Publications and presentations (05/06/2013)

	M12	M24	M36	M44	M48
Conf. papers	40	135	179	201	252
Presentations	...	60	63	63	70
Journal publications	19	38	49	59	67
Notes, reports, other	...	36	53	60	63
Academic	2	4	5	6	7
Books	...	...	13	15	18
<b>TOTAL</b>	<b>77</b>	<b>273</b>	<b>362</b>	<b>400</b>	<b>477</b>



## Publications by type





## **EuCARD Series: 18 volumes published**

- Vol.1.** J.Sekutowicz, *Multi-cell Superconducting Structures for High- Energy e+e- Colliders & Free Electron Laser Linacs*
- Vol.2.** K.Pozniak, *TRIDAQ Detector Systems for High Energy Physics Experiments*
- Vol.3.** Z.Szadkowski, *Triggers for the Pierre Auger Observatory, the current status and plans for the future*
- Vol.4.** R.Aleksan, O.Napoly, *Coordinated Accelerator Research in Europe, Summary of Project Achievements*
- Vol.5.** H.Mais, *Some topics in beam dynamics of storage rings*
- Vol.6.** G.Sterbini, *An early separation scheme for the LHC luminosity upgrade*
- Vol.7.** T.Czarski, *Complex envelope control of pulsed accelerating fields in superconducting cavities*
- Vol.8.** P.Grybos, *Front-end electronics for multichannel semiconductor detector systems*



## **EuCARD Series: 18 volumes published**

- Vol.9.** V.Khan, *A damped and detuned accelerating structure for main linacs of the compact linear collider*
- Vol.10.** W.Weingarten, *European infrastructures for R&D and test of superconducting RF cavities and cryo-modules*
- Vol.11.** G.Kasprowicz, *Determination of beam intensity and position in a particle accelerator*
- Vol.12.** C. Antoine, *Materials and Surface Aspects in the Development of SRF Niobium Cavities*
- Vol.13.** M.A. Fraser, *Beam Dynamics Studies of the ISOLDE Post-Accelerator for the High Intensity & Energy Upgrades*
- Vol.14.** M.Dziewiecki, *Measurement based characterization of multipixel avalanche photodiodes for scintillating detectors*
- Vol.15.** T.Junginger, *Investigations of the surface resistance of superconducting materials*
- Vol.16.** Pei Zhang, *Beam position diagnostics with higher order modes in superconducting accelerating cavities*
- Vol. 17.** A.Wysocka, *Advances in Conformal Radiotherapy (IMRT and IORT accelertaors)*
- Vol.18.** K.Czuba, *RF phase reference distribution system for TESLA technology based projects*



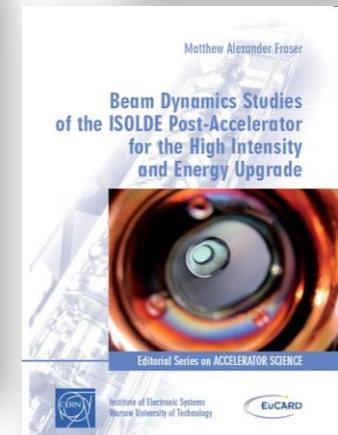
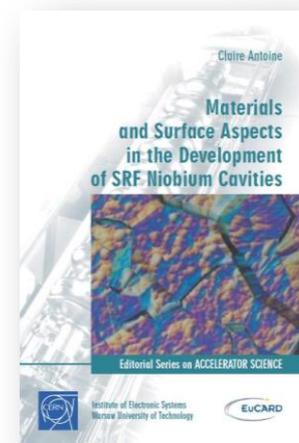
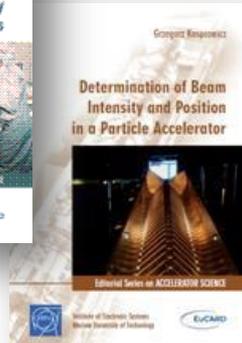
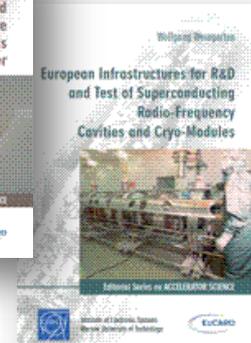
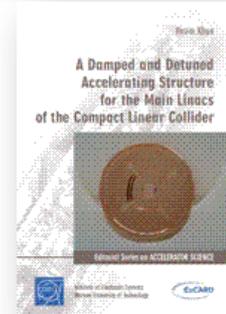
**5 Vols. published since last annual meeting**  
**Next volumes foreseen**

- Vol.19.** T. Plawski, *CEBAF LLRF upgrade*
- Vol.20.** S. Wronka, *Selected aspects of security applications based on electron accelerators*
- Vol.21.** W.Scandale, *"Crystals" in Accelerator technology*
- Vol.22.** J.Szewinski, *RF field control in linear SC accelerators*
- Vol.23.** *Phase jitter and noise in LLRF systems*
- Vol.24.** *SC RF Guns of low emittance*
- Vol.25.** M.Kwiatkowski, *Dependable, next-generation Interlock for LHC*
- Vol.26.** *Precision Time Protocol – White Rabbit PTP in LHC synchronization network*
- Vol.27.** *Plasma diagnostics in JET/ITER*



## Suggestions for next volumes?

- *EuCARD WP achievements / reports*
- *EuCARD Final Report*
- *EuCARD 2 Opening White Book?*
- *TIARA Report*
- *European Strategy for Particle Physics*
- *LEP3-TLEP*
- *HE-LHC*
- *HiRadMat*
- *MICE*
- *HFM*
- *Beam dynamics in HL-LHC,*
- *More Ph.D. Theses*

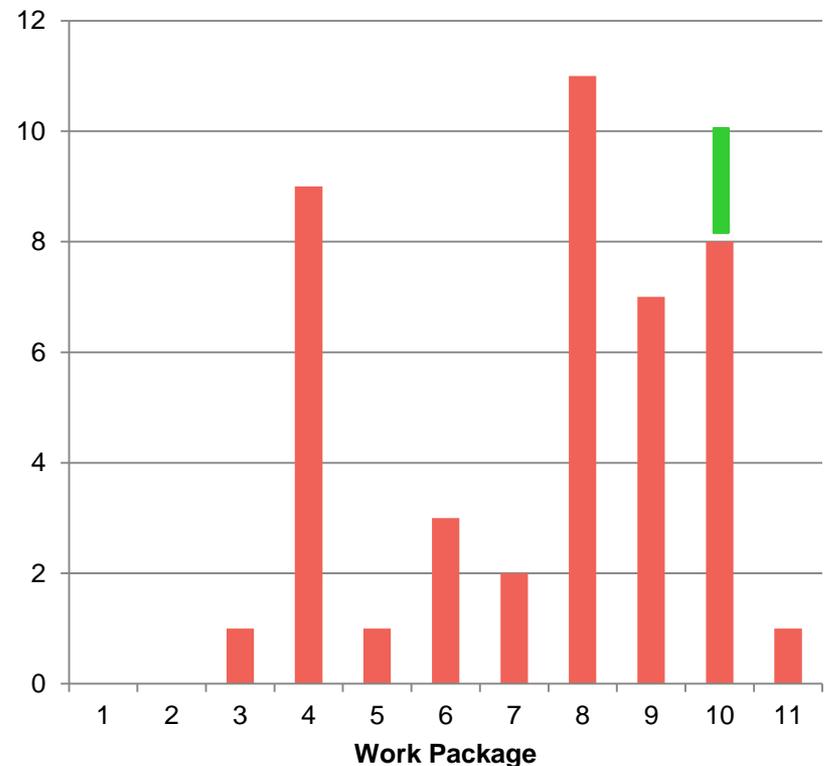


- **Distribution to**
  - EuCARD partner libraries
  - Steering Committee members
  - Governing Board members
  - SLAC
  - Fermilab
  - KEK
  - Small quantity at CERN for online requests
- **Extension to EuCARD-2**



- We are aware of 45 PhDs being undertaken as part of the project
- PhDs can be added to the list on the intranet  
<https://espace.cern.ch/EuCARD/WP2/Lists/EuCARD%20PhDs/AllItems.aspx>
- Please let us know if data is incomplete!

Number of EuCARD PhDs by work package



- **DCO Network:** Work with DCO contacts to enhance flow of information
- **Web site:** Keep events, news and results are up-to-date
- **Newsletter:** Continue extended newsletter
- **Publications**
  - Encourage publications to be submitted into publication database
  - Link EuCARD publications to those already in CDS
- **Monographs**
  - Publish several volumes of EuCARD monographs
  - Distribute monographs
  - Encourage WP coordinators to publish technical results in monographs
- **DCO Final Report**

## ***WP2: Dissemination, Communication & Outreach (CERN, WUT) Evaluation by Project Coordinator***

Results	Possible issues or improvements
D&C: results well beyond contract O: modest	<ul style="list-style-type: none"><li>▪ D&amp;C: insufficient reference to EuCARD support in publications &amp; presentations; focus and distribution of monographs.</li><li>▪ O: all partners invited to contribute in Outreach, or inform DCO of their actions.</li></ul>

- Showcase your work package achievements by:
  - Suggesting articles for *Accelerating News*
  - Providing images for EuCARD **website**
  - **Acknowledging EuCARD** in your publications
  - **Uploading** scientific publications in **CDS database**
  - Authoring EuCARD **monographs**
  - Informing us of any **outreach** activities you have done
  - Updating **PhD** statistics
- Send material to [EuCARD-editor@cern.ch](mailto:EuCARD-editor@cern.ch)

## Any Questions?

## EuCARD DCO Team

- **Kate Kahle, DCO WP2**
- **Catherine Brandt, distribution of booklets**
- **Katherine Chapman, publication copyrights**
- **Naomi Gilraen Wyles, outreach**
- **Anette Holtcamp, publ.database, coop. With INSPIRE**
- **Agnes Szeberenyi, DCO WP2**
- **Merethe Morer-Olafsen, fullhearted support**
- **Ryszard Romaniuk, DCO WP2**