



Management Report

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Outline

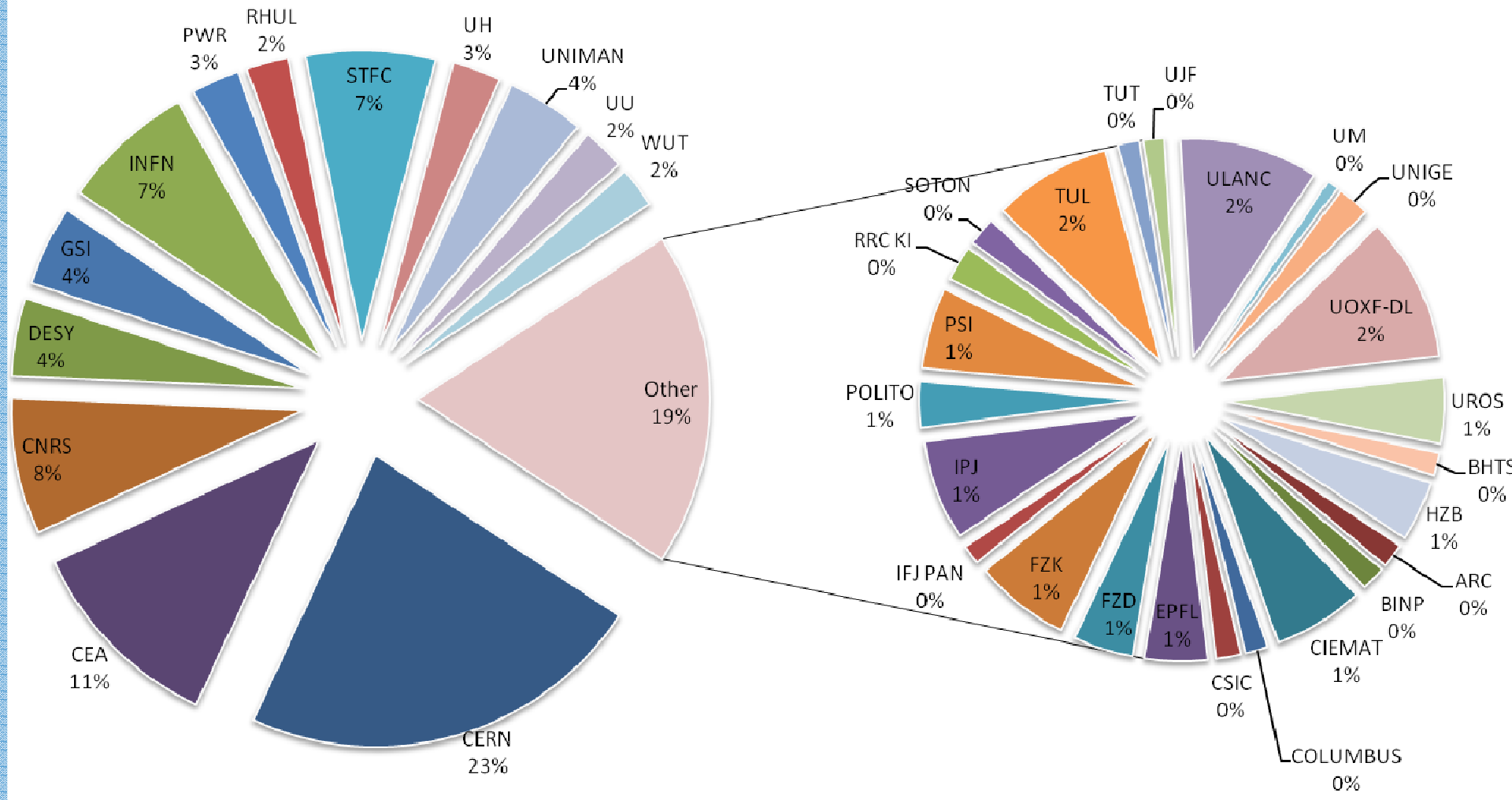
- 1. EuCARD in brief**
- 2. Activities of the management bodies**
- 3. Contractual changes**
- 4. Distribution of the EC funding**
- 5. EuCARD dashboard- year 1**
- 6. Toward more sustainable collaborations**
- 7. Plans for next year**

1- The EuCARD Project in brief

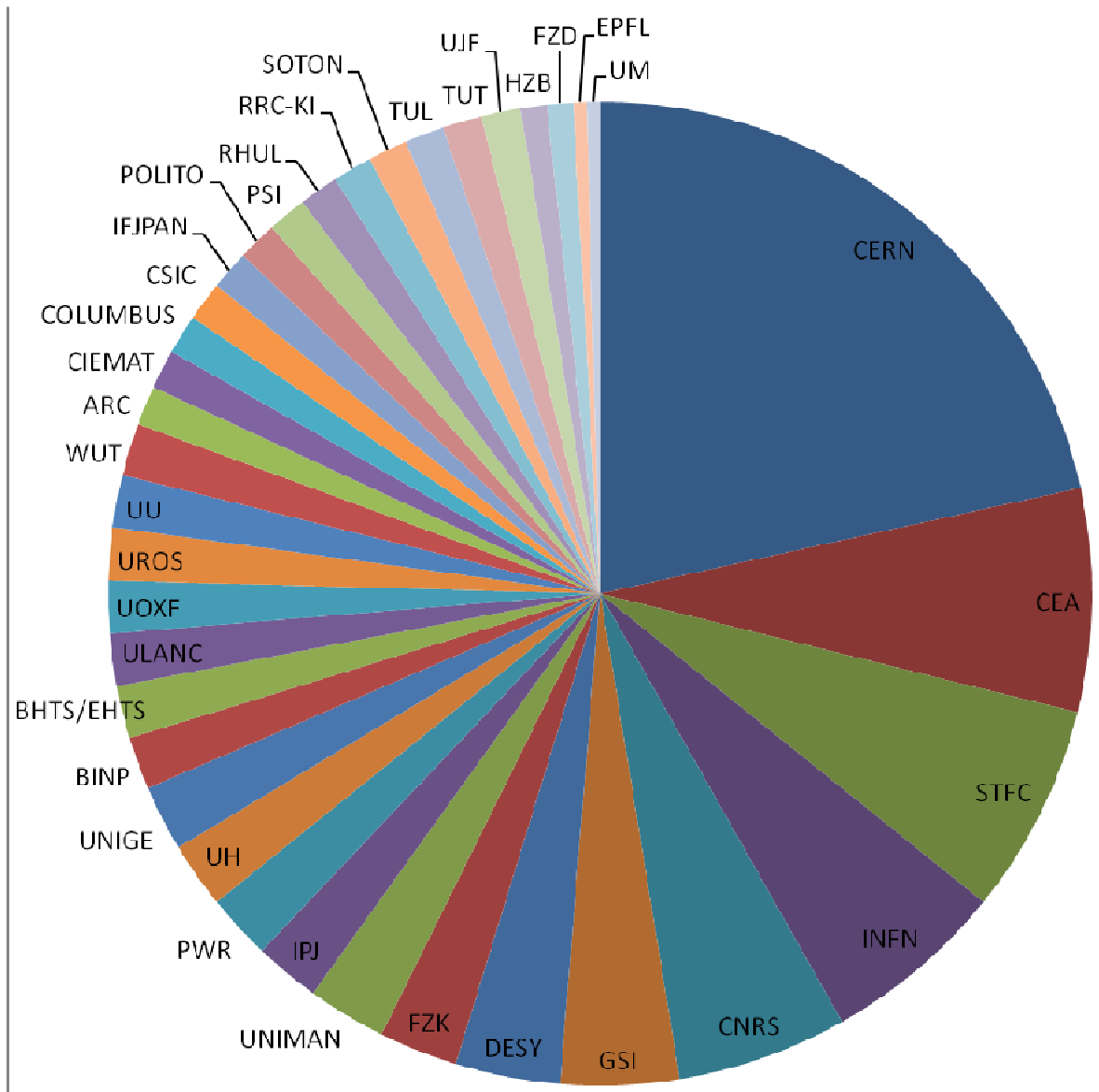
- **Initiative of ESGARD**, *building up on FP6-CARE*
- **Collaborative R&D in accelerator sciences** *throughout Europe on topics defined of highest priorities by European Strategy Group for Particle Physics & ESFRI Roadmap.*
- **FP7 « Integrating activities » (JRA's, NA's, TA's)** *aiming at the upgrade of existing infrastructures (accelerators and test stations)*
- **37 partners & 40 « associates », CERN coordinator**
- **11 Work packages, 28 tasks + coordination tasks**
- **Resources: ~ 50 FTE's (232 persons involved) & 31 M€ over 4 years, including 10M€ EC funding**

1	MGT	J.P. Koutchouk, R. Assmann, S. Stavrev/CERN	0.2%
2	Dissemination	R. Romaniuk/WUT, K. Kahle/CERN	1.5%
3	Neutrino network	V. Palladino/U. Napoli, S. Pascoli/U. Durham	3%
4	Accelerator sciences networks	F. Zimmermann/CERN, A. Variola/CNRS-LAL	6%
5	Access to HiRadMat@SPS	I.Efthymiopoulos/CERN	0.5%
6	Access to MICE	N. McCubbin/STFC-RAL	2%
7	High Field Magnets	G. De Rijk/CERN, F. Kircher/CEA	21%
8	Collimation & Materials	R. Assmann/CERN, J. Stadlmann/GSI	12.8%
9	NC linac technologies	G. Blair/RHUL, E. Jensen/CERN	20%
10	SC RF technologies	O. Napoly/CEA , O. Brunner/CERN	24%
11	Novel concepts	M. Biagini/INFN, R. Edgecock/STFC-RAL	9%

The EC funding per participant (except TA users)



Persons involved per participant



2- Activities of management bodies

- **Coordination office:** Meets every second week; organization, contractual issues, finance, reporting (S1+S2), communication & tools, meetings, support to workshops, support to partners, contact with EC.
- **Governing Board:** met 1/4/2009; policies: scientific, financial, contract, reporting, publications.
- **Steering Committee (= programme com. of this meeting)**

3-4-2009	CERN	F2F	scientific reports of WP activities, reporting methods, communication.
30-6-2009	(CERN)	audio	scientific reports of WP activities, reporting methods, web site, work space and publication portal, annual meeting.
4-11-2009	Frascati	F2F	scientific reports of WP activities, reporting methods, INFN-LNF activities (talks & visit).
19-1-2010	(CERN)	audio	Interim report, annual meeting, publication portal.

3- Contractual changes

Changes in the consortium

The following changes concerning some of the partners have occurred in the first 12 months:

1. **Austrian Research Centers (ARC, partner no. 2) has changed its name to Austrian Institute of Technology (AIT).**
2. **Gesellschaft fuer Schwerionenforschung (GSI, partner no. 15) has changed its name to Helmholtzzentrum fuer Schwerionenforschung (GSI).**
3. **Forschungszentrum Karlsruhe (FZK, partner no. 14) has merged into a new legal entity Karlsruhe Institute of Technology (KIT).**
4. **Tampereen Teknillinen Yliopisto (TUT, partner no. 27) has changed its legal status and name to TTY-SAATIO (TUT).**

As a result of these changes, Amendment no.1 to the EuCARD Grant Agreement has been implemented and approved by the EC on 10.3.2010. There are only administrative changes (i.e. names and acronyms) in the updated version of Annex I (Description of Work).

4- Distribution of the funding

Date	title	Amount (Euros)	% of total EU budget
June 2009	1rst installment	2.34 M€	23%
April 2010	2nd installment	1.56 M€	16%

The payment of the second installment is conditional to:

- the approval of the progress or achievements of the milestones and deliverables by the GB (CA),*
- the receipt of the documents on Use of Resources (difficult for S1, much better for S2)*

*Next fraction of the EC funding is expected **around M23-24**, upon acceptance of the 1st Periodic Report.*

5- EuCARD dashboard – year 1

- **Production of contractual results (M12):**

	Deliverables	Milestones
Coordination/Communication	5	10
Accelerator R&D	1	14
MICE TA	1100 access units granted/3384	

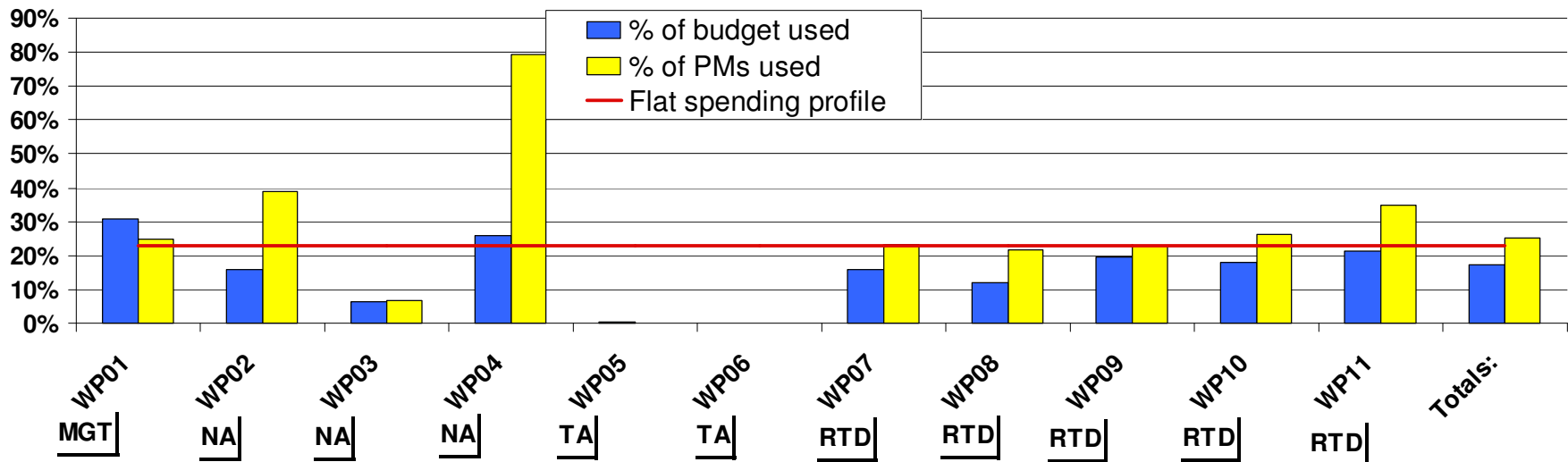
Early information shows that all contractual results will be delivered in time or close, except one milestone delayed by almost one year due to unavailability of ATF2.

- **Publications**

Conf. papers	40
Journal publications	19
Academic	1PhD + 1 tech. report

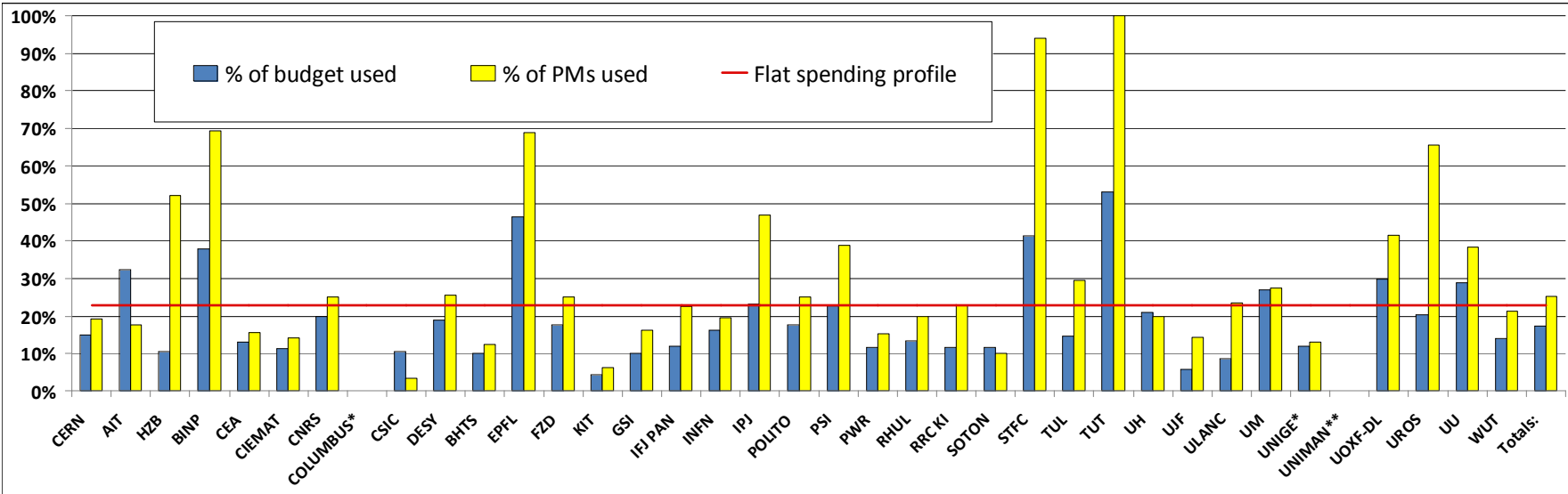
5- EuCARD dashboard – year 1

Use of resources by Work Package



5- EuCARD dashboard – year 1

Use of resources by participant



6- Towards more sustainable accelerator R&D collaborations

EuCARD strategy: support of initiatives (“start-ups”), identification of synergies, insertion of EuCARD in a larger context.

- *Medical accelerators: support to “Health for Physics” workshop with possible follow-up’s in discussion,*
- *Plasma wave acceleration: support to a MPI initiative, discussions with LOA, follow-up expected.*
- *Contacts: ESGARD, USLARP, CERN, INFN, RAL, Lancaster U., Cesinvtav (Mexico), LOA, EC thru ECRI2010.*

No specific budget foreseen in Annex 1. Some modest funds obtained from CERN (transfers from former EU projects after closing the books).

7- Management activities for next year

- 1. First exercise of periodic EC reporting in fall 2010: active collaboration and help expected from partners.*
- 2. Follow up scientific results (visits,...)*
- 3. Investigate the organization of events to bring together the communities of*
 - Plasma wave acceleration*
 - Medical accelerators*

Goal: investigate synergies, possibly define common concrete objectives and need in infrastructures. Use the existing competences amongst the 37 EuCARD partners.

Conclusions - 1

From the completion of deliverables, milestones and publications, the EuCARD project appears on good tracks. We will hear more during the meeting.

A motivated coordination office and a number of SC meetings have allowed setting up an efficient internal collaboration and communication.

We plan to take new initiatives extending EuCARD to two new accelerator R&D fields.

Conclusions - 2

An important exercise is the periodic EC report from end of September 2010. The management shall need a proactive contributions from all tasks, WP and partners. The interim reporting should have trained all participants to the first periodic EC report to be delivered after Sept. 2010.

Soon after (April 2011), a mid-term review on scientific results will be carried out by the EC.

Additional material

The EC funding per country

EuCARD, EC request by countries: 10,000,000 €

