



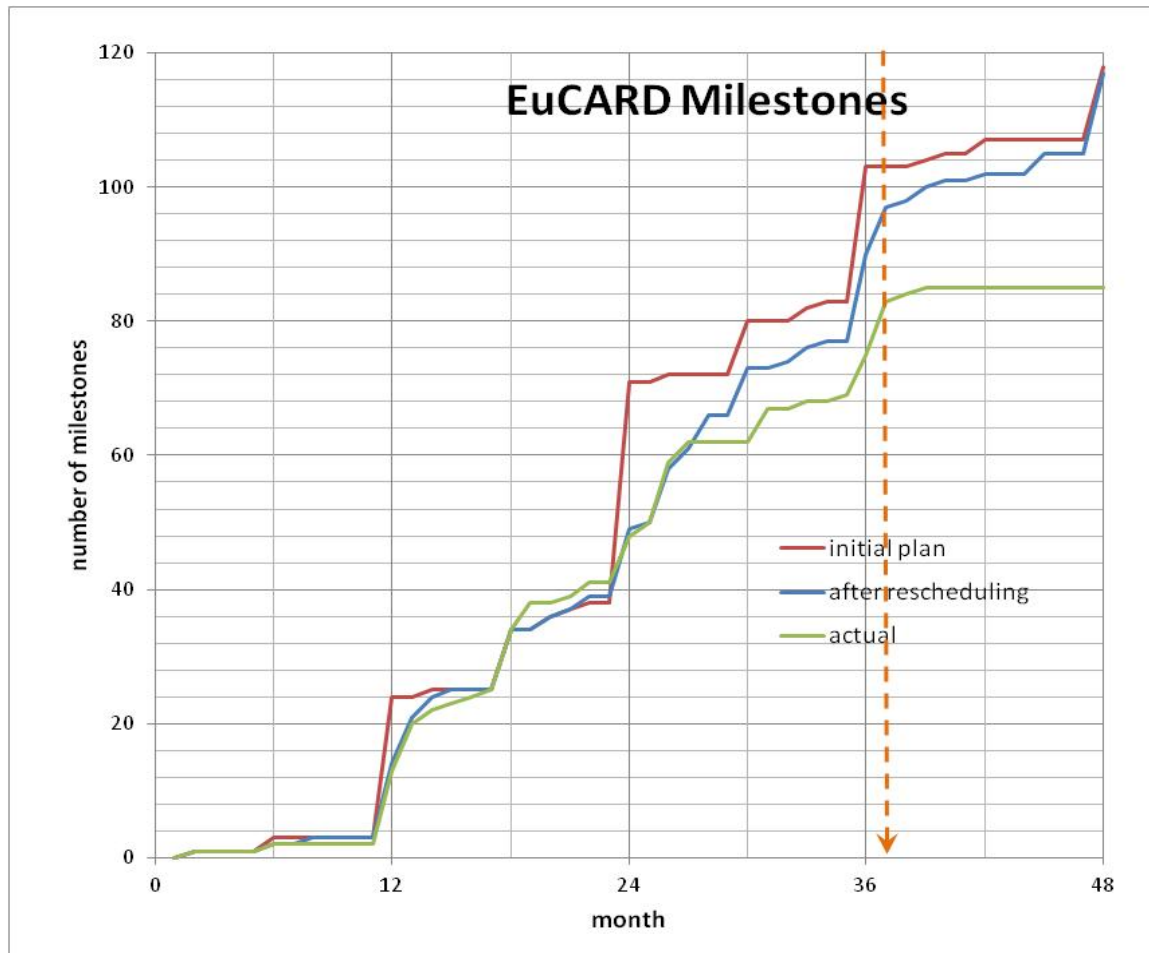
# Management Report

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# Outline

- 1. Progress towards objectives**
- 2. Mid-term review**
- 3. Human resources**
- 4. [Use of the resources]**
- 5. Changes in EuCARD**
- 6. Activities of management bodies**
- 7. Plans for next year**

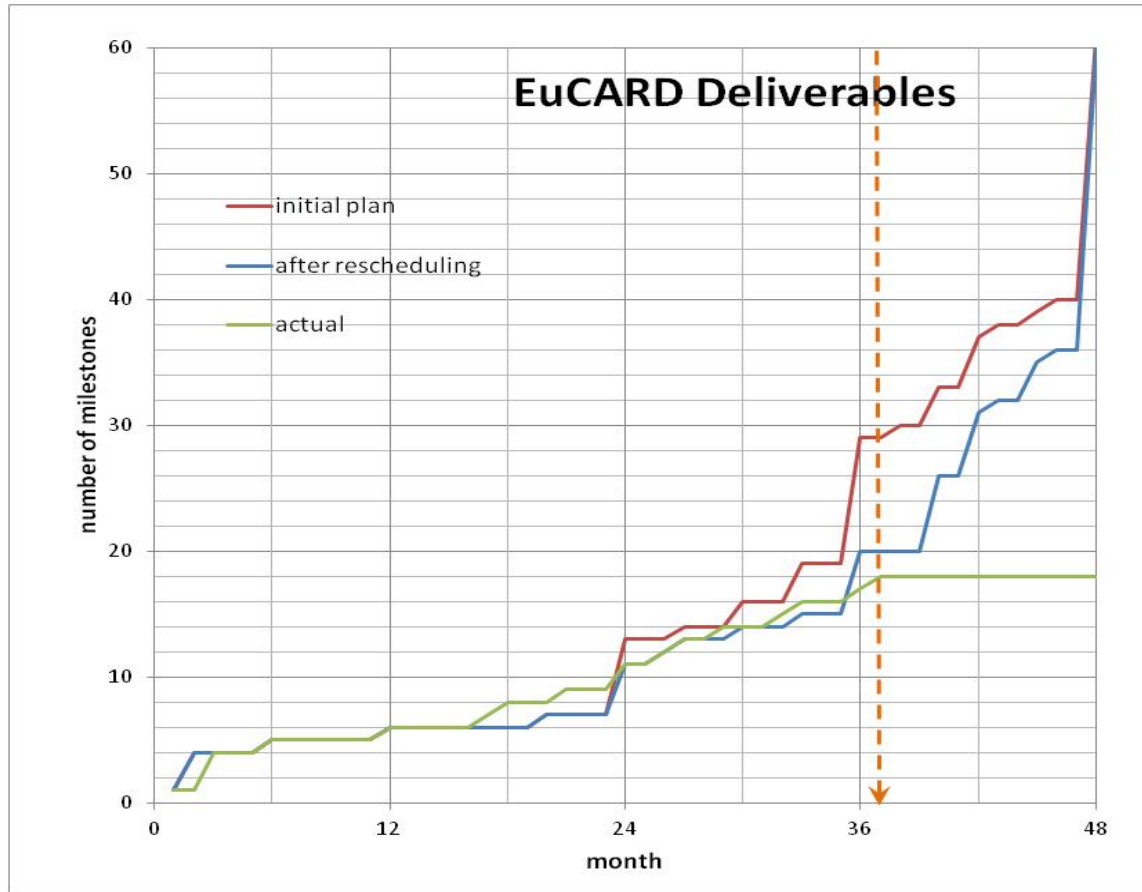
# 1a- Progress towards milestones



*Not including M36 results due at end of M37*

20/04/2012

# 1b - Progress towards deliverables



*Not including all M36 results due at end of M37*

23/04/2012

# 1c - Publications

## Publications and presentations (12/4/2012)

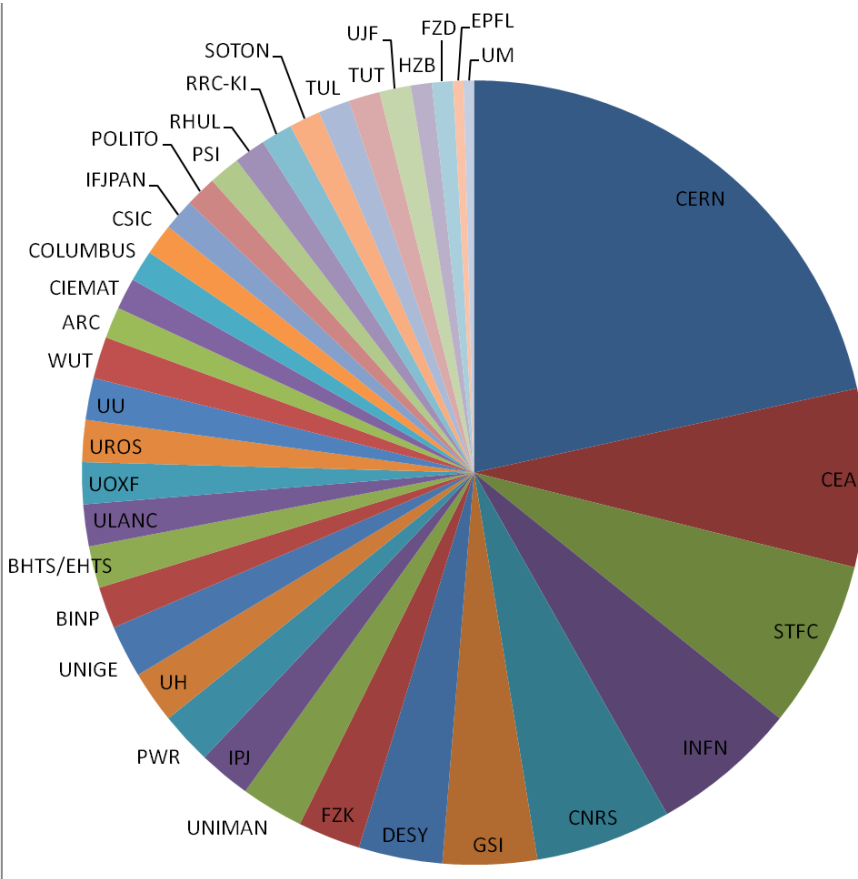
	M12	M24	M36	
<b>Conf. papers</b>	<b>40</b>	<b>135</b>	<b>179</b>	<b>+44</b>
<b>Presentations</b>	...	<b>60</b>	<b>63</b>	<b>+3</b>
<b>Journal publications</b>	<b>19</b>	<b>38</b>	<b>49</b>	<b>+11</b>
<b>Notes, reports, other</b>	...	<b>36</b>	<b>53</b>	<b>+17</b>
<b>Academic</b>	<b>2</b>	<b>4</b>	<b>5</b>	<b>+1</b>
<b>Books</b>	...	...	<b>8</b>	
<b>TOTAL</b>	<b>77</b>	<b>273</b>	<b>357</b>	<b>+84</b>

## 2 – Mid-term Review

- Participants: EC Officer H. Crutzen and Steering Committee, no external reviewers.
- Conclusion (oral): All our requests for changes (Amendment 2) found justified and accepted; excellent appreciation on the scientific progress, on the organization, on the management and on the collaborative spirit in the Steering Committee.

# 3- Human resources

**Total effort: ~ 50 FTE's spread over ~267 persons (235 last year)**



*Number of persons involved per participant*

*On-going PhD's ~40*

# 4 – Use of resources

*Data not yet available for 2011/2012.*



## 5 - Changes in EuCARD

*All changes made are included in the Amendment 2 of the EuCARD contract, received in Feb 2012, but taking force back on October 1st 2010.*

<https://espace.cern.ch/EuCARD> -> General Information -> Contractual doc

# 5a – Changes to the scientific program

- WP4 (Accnet): a new network on laser and plasma WF acceleration; Deliverables: 2 workshops and preparation of a proposal for EuCARD2.
- **WP5 (HiRadMat): delay due to the LHC incident.**
- WP7 (HFM): modification of the final deliverable of task 7.3 (high field model): model with one Nb<sub>3</sub>Sn coil.
- WP9 (NCLinac): the suppression of the installation of an interferometer at CTF3 is acknowledged (change of strategy). A new study: Design of nm-level beam stabilization system for ATF2
- WP10 (SRF): change of strategy for sputtering cavities, starting with a classical elliptical one; 5 tasks (out of 8) planned over three years are extended to four years.

## 5b – Changes to the management

**F. Zimmermann** replaced R. Assmann as deputy project coordinator as of January 1<sup>st</sup>, 2012.

## 5c - Contractual changes

- Partial transfer of rights and obligations from AIT to RHP
- FZD →HZDR
- New partner: University of Huddersfield
- New associates:
  - Ecole Polytechnique, Paris (WP4),
  - University of Music and Performing Arts, Gratz (WP8)
  - Active Structure Laboratory of Universite Libre de Bruxelles (WP9)
  - Laboratory for Materials and Mechatronics of Polytech Annecy (WP9)

# 6a- Activities of management bodies

- **Coordination office:** meets whenever necessary.
- **Governing Board:** met 11/5/2011;
- **Steering Committee (= programme com. of annual meetings)**

11-5-2011	CNRS, Paris	F2F	Joint GB-SC meeting.
1 & 2-12-2012	GSI	F2F	scientific reports of WP activities, preparation of EuCARD2012, GSI talks and visit.
06-3-2012	CERN	audio	Status of milestones and deliverables, preparation of EuCARD2012 and of period 2 reporting

## 6b- Activities of management bodies

- Mid-term review with the Steering Committee and EC Officer
- Organize and launch the « Accelerating News »
- Organization of the third Annual Meeting
- Organization of events in support to networks:  
NuFACT2011 (WP3), in support to related EC projects: FP7  
ICAN kick-off,
- Administrative follow up of contract
- Follow-up of scientific progress and mitigations
- Contributions in support to accelerator R&D beyond  
EuCARD: support to TIARA-PP, ESGARD and EuCARD2,  
EU Conferences (poster in ICRI2012,...).

# 7- Plan for year 2012/2013

- 1. Second periodic reporting NOW,*
- 2. Assessment of the delivery date of project results (May),*
- 3. Decisions on modifications of deliverables or calendar and contract; information of EC Officer (June).*
- 4. Third periodic reporting (April-June 2013)*
- 5. Final Reporting.*
- 6. Collaboration with the EuCARD2 coordinator to optimize the transition between EuCARD1 and 2.*

# Conclusions

*The EuCARD project is approaching completion, and I wish all partners success in meeting the promised goals. Many of these results are very significant not only for the upgrade of accelerators but as well for the progress of Accelerator Science. Success is important as well to keep and further enhance the trust in EC, that is a condition of later funding.*

*R&D results can however never been fully planned and guaranteed. It will be essential in this final phase to tightly collaborate (Project coordinator, WP and task coordinators, partners) and exchange information to allow anticipation and resolve potential problems (if any!!!).*