

L4 EVM status January 2010

Suitbert Ramberger, CERN, BE-RF-LR

- Excel sheet extraction prepared by Benoît Daudin (GS-AIS)
- Contains
 - EV, PV, AC from start (1.1.2008) until now (18.1.2010) wrt Baseline 1
 - PV2010 = PV in 2010 represents the “current” PV / year
 - PVtrend = PV taking delays announced by WU holders into account
 - SPI = EV / PV (=1.00 if on time)
 - CPI = EV / AC (=1.00 if on budget)
 - SV in months = $\Delta t(PV=EV_{\text{now}})$ in months
 - CV in months = $(EV - AC) / PV2010 \cdot 12$
- Outliers marked in yellow and orange.
- **Your numbers are marked in order to understand**
 - to improve the modelling.
 - to retrieve information on the project.
- Project follow-up can only be as good as the information that you provide.

Reporting **deteriorated** considerably since the last reporting period.

New reminders since December 2009, in order to bother you less:

- Only **1** e-mail / month
- Containing a list of all your WUs
- Only if you do **not** report, a reminder is sent in the following weeks.
- **No** additional reminders will be sent **before extraction**.

- In case you have to announce delays, please change dates on deliverables!
- In case you have nothing to report, please hit the button “No progress”!

Help pages:

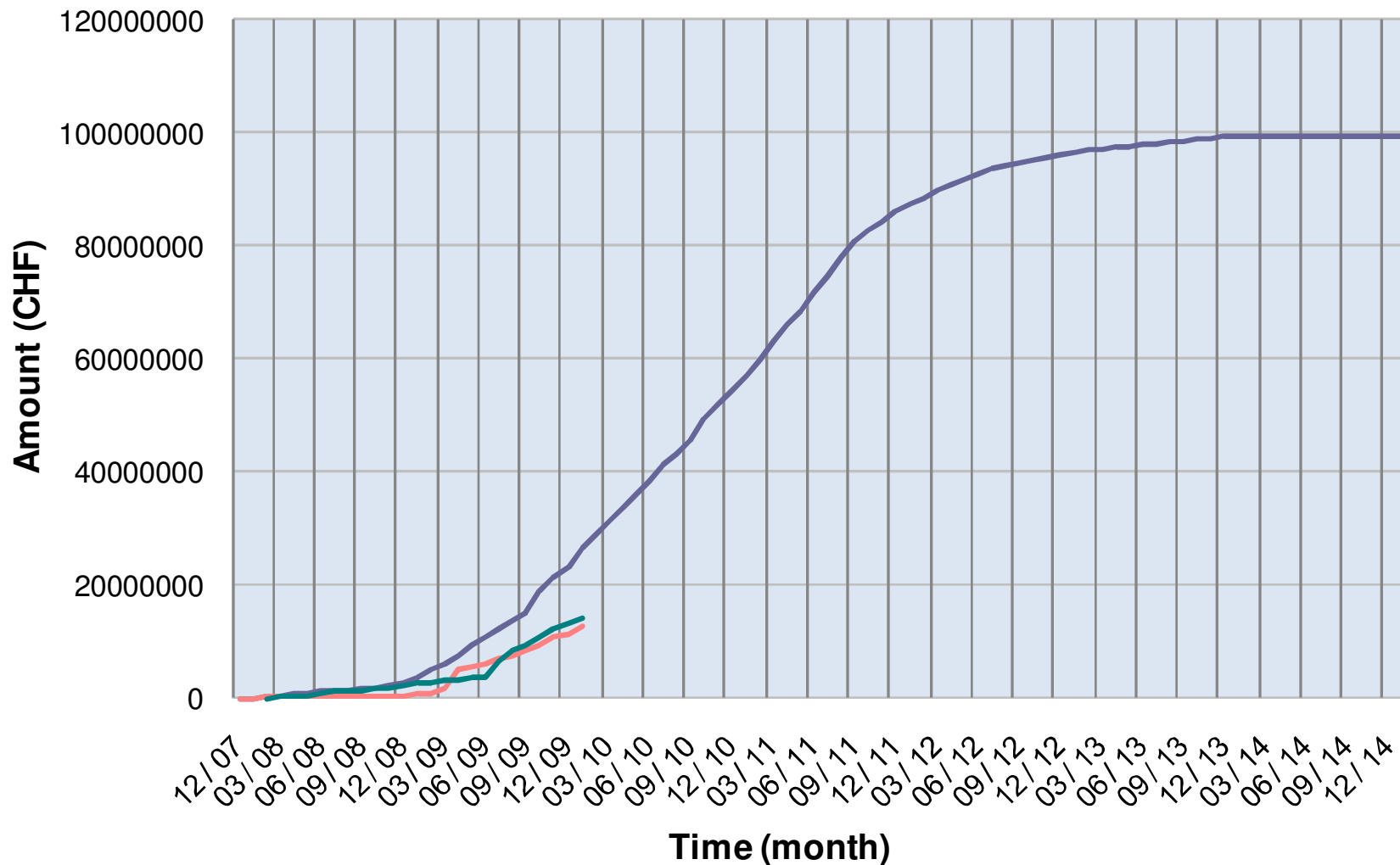
<https://pptevm.cern.ch/docs/download/attachments/16194/APT-EVM-Doc.pdf>

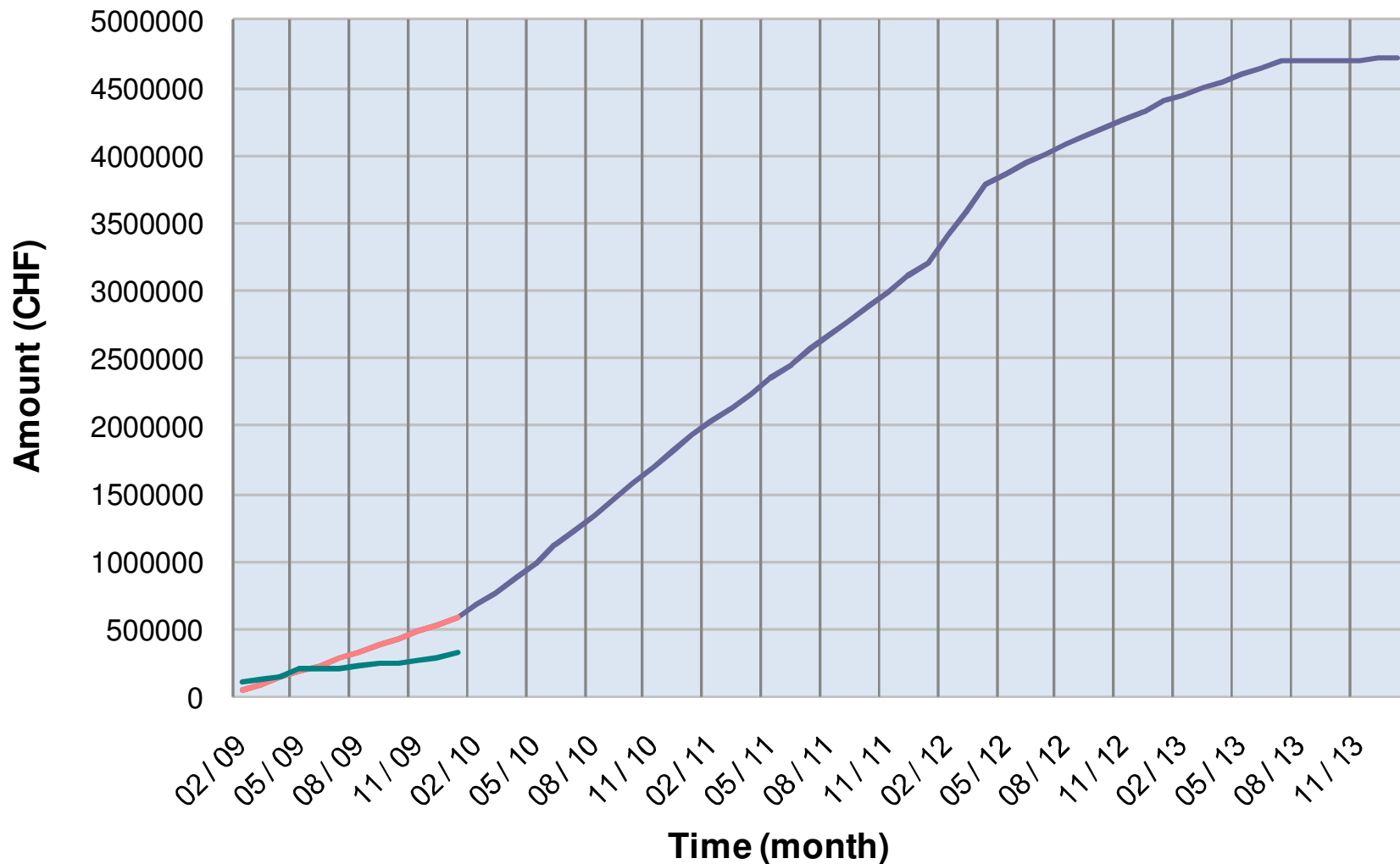
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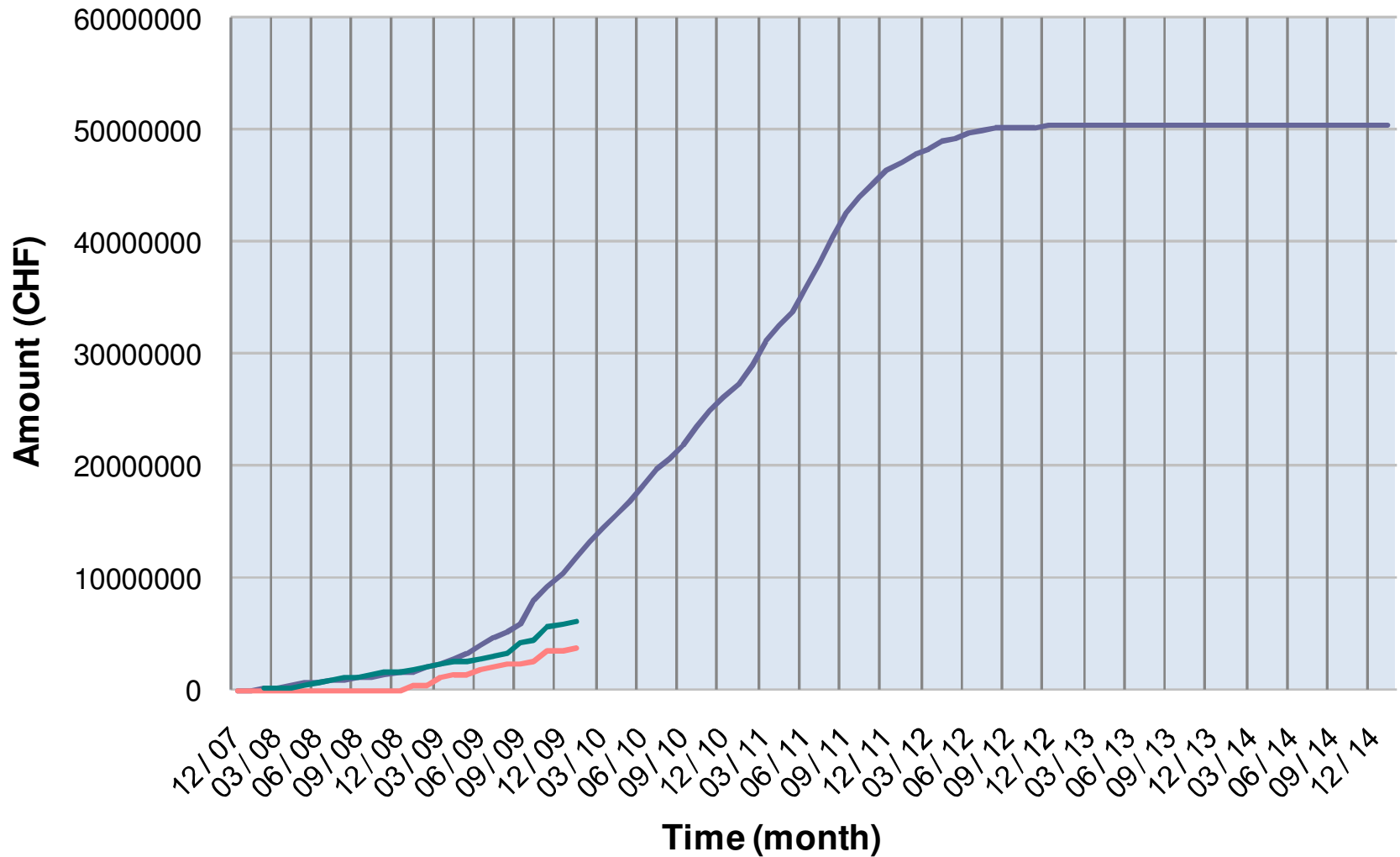
Wu Id	Description	Holder	WBS	Start date	Finish date	Reports	Last report
46563	Infrastructure	P. Baudrenghien (BE-RF)	LINAC4 2.6.1	01-Oct-08	03-Aug-11	1	29-Apr-09
46565	Cavity controller	P. Baudrenghien (BE-RF)	LINAC4 2.6.1	03-Nov-08	03-Oct-12	1	29-Apr-09
46564	RF synchronisation	P. Baudrenghien (BE-RF)	LINAC4 2.6.1	01-Mar-09	08-Jul-11	1	29-Apr-09
46662	Emittance Meters	D. Gerard (BE-BI)	LINAC4 2.7	01-Jan-08	31-May-10	2	19-May-09
45759	Magnetic Test Bench	M. Buzio (TE-MSC)	LINAC4 2.9.2	01-Sep-08	12-Oct-12	3	06-Jul-09
46789	LINAC4 Design & construction of transfer line elements	S. Maury (BE-ABP)	LINAC4 2.8	01-Jun-09	30-Jun-11	2	11-Aug-09
45760	PMQ/DT Magnetic Tests	M. Buzio (TE-MSC)	LINAC4 2.9.2	01-Apr-08	01-Jul-11	2	02-Sep-09
45761	EMQ Magnetic Tests	M. Buzio (TE-MSC)	LINAC4 2.9.2	01-Apr-08	20-Dec-12	1	02-Sep-09
45762	Other Magnetic Tests	M. Buzio (TE-MSC)	LINAC4 2.9.2	01-Apr-08	20-Dec-12	6	02-Sep-09
45245	HVAC systems for LINAC4	Y. Body (EN-CV)	LINAC4 5.2	01-Jun-08	31-Dec-11	4	04-Sep-09
45246	Chilled water P&D	Y. Body (EN-CV)	LINAC4 5.2	01-Mar-09	31-Dec-11	3	04-Sep-09
45248	Other systems	Y. Body (EN-CV)	LINAC4 5.2	15-Mar-08	31-Dec-11	4	04-Sep-09
45659	Build Tuner driver	L. Arnaudon (BE-RF)	LINAC4 2.6.3	01-Jan-09	31-Dec-10	8	07-Sep-09
45662	Control system cabling	L. Arnaudon (BE-RF)	LINAC4 2.6.3	01-Mar-09	30-Sep-11	4	07-Sep-09
45658	Build Fast Interlocks	L. Arnaudon (BE-RF)	LINAC4 2.6.3	01-Jan-09	31-Dec-10	4	07-Sep-09
45665	Klystron control test stand	L. Arnaudon (BE-RF)	LINAC4 2.6.3	01-Jan-09	31-Dec-09	4	07-Sep-09
45661	Build RF Structures control	L. Arnaudon (BE-RF)	LINAC4 2.6.3	01-Jan-09	31-Dec-10	4	07-Sep-09
45657	Build Klystron PLC control	L. Arnaudon (BE-RF)	LINAC4 2.6.3	01-Jan-09	15-Dec-10	3	07-Sep-09

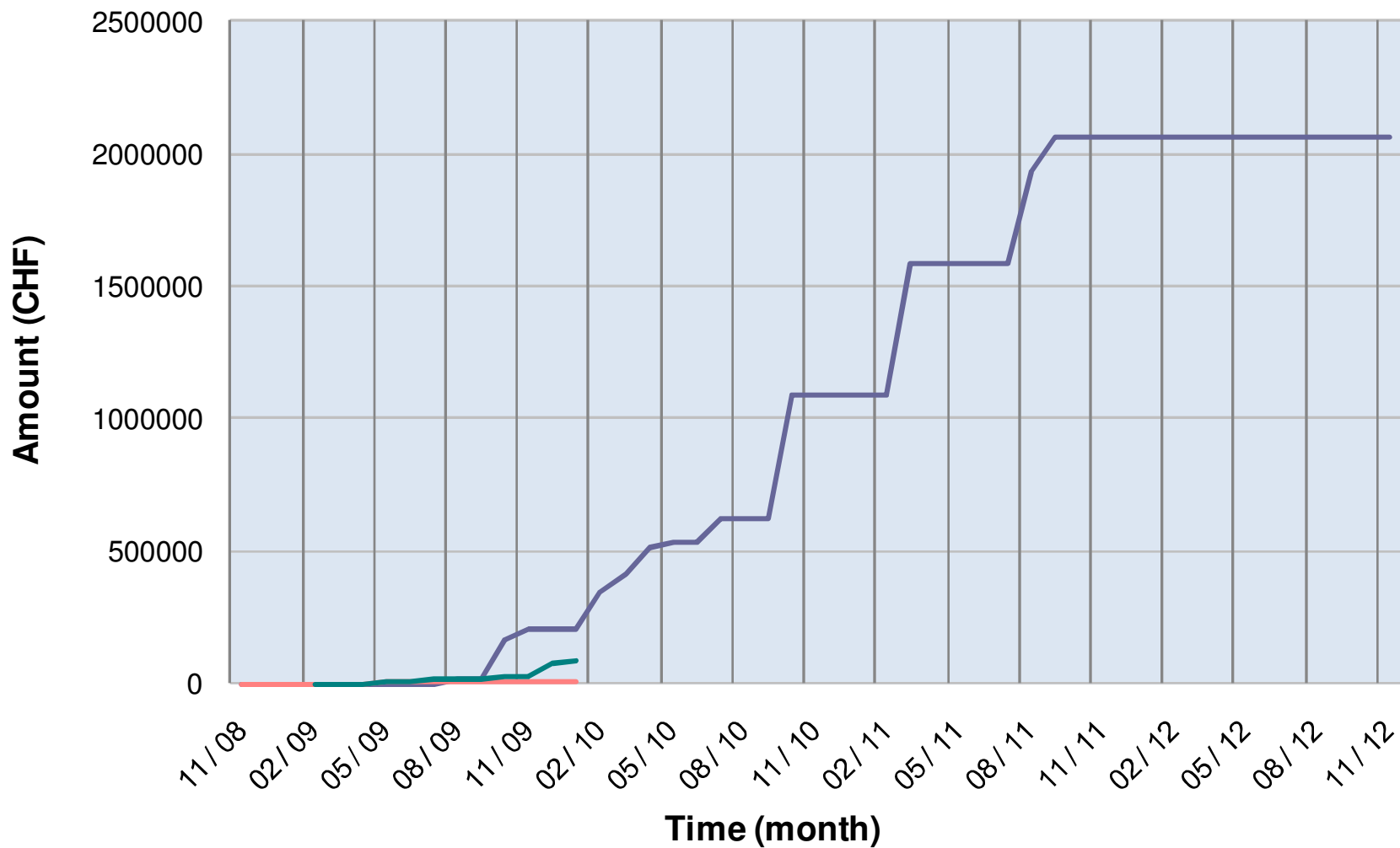
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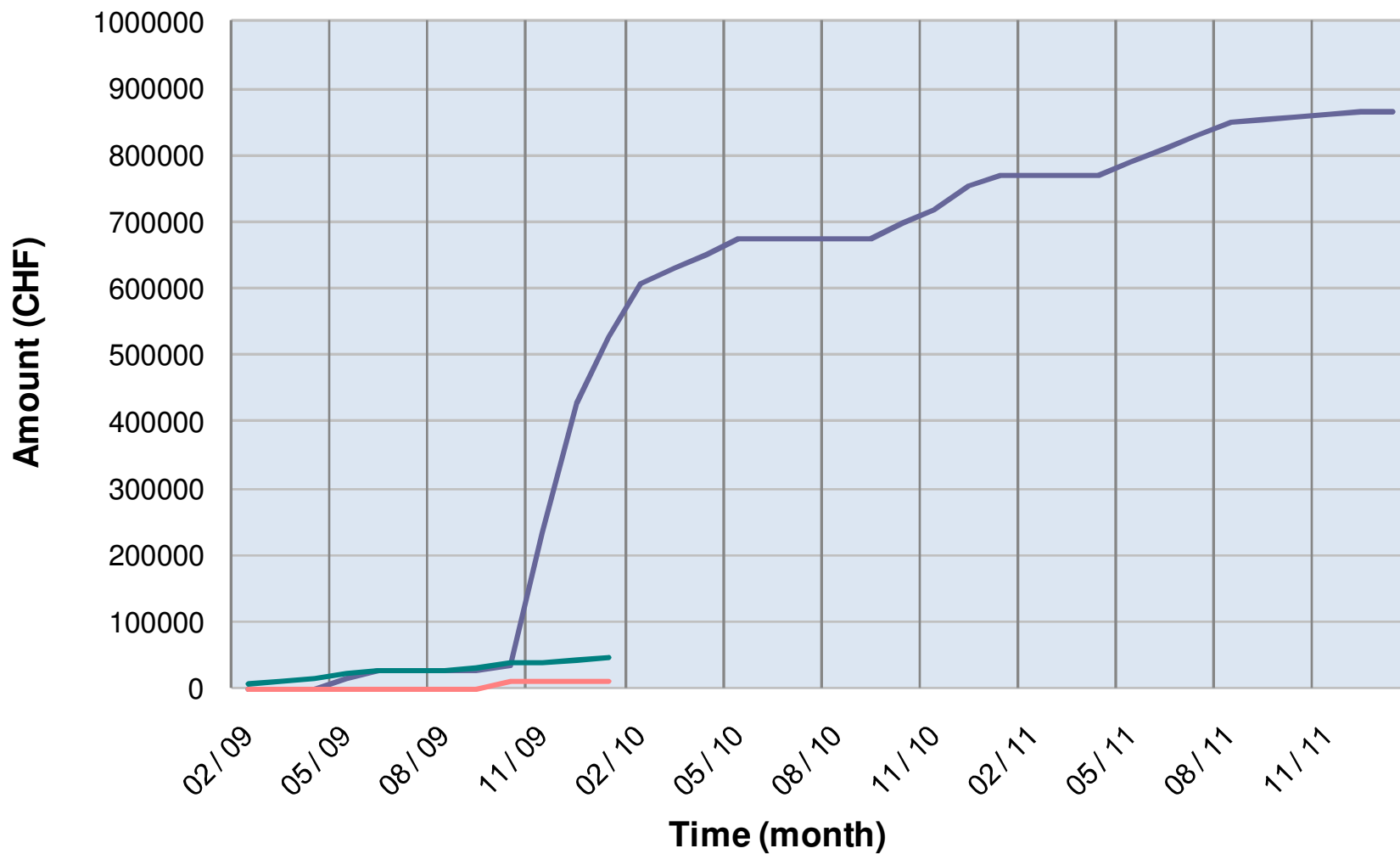
Wu Id	Description	Holder	WBS	Start date	Finish date	Reports	Last report
45653	PREPARATION & TEST OF KLYSTRONS	O. Brunner (BE-RF)	LINAC4 2.6.2	01-Jan-09	01-Aug-12	6	24-Sep-09
45655	AUXILIARIES PREPARATION & TESTS	O. Brunner (BE-RF)	LINAC4 2.6.2	01-Jun-09	01-Dec-11	4	24-Sep-09
45688	Controls for Vacuum	I. Laugier (TE-VSC)	LINAC4 2.11	01-Jan-09	31-Dec-11	4	01-Oct-09
45703	Grounding	J. Pierlot (EN-EL)	LINAC4 5.3	15-Mar-09	31-Oct-09	1	06-Oct-09
45702	Power supply for temporary electrical cabinet	J. Pierlot (EN-EL)	LINAC4 5.3	01-Sep-08	01-Jul-11	4	06-Oct-09
45654	PREPARATION & TEST OF CIRCULATORS & RF LOADS	O. Brunner (BE-RF)	LINAC4 2.6.2	01-Apr-09	01-May-12	5	08-Oct-09
45425	Booster Injection Septa converters	D. Nisbet (TE-EPC)	LINAC4 2.10	21-Apr-08	06-Dec-11	14	08-Oct-09
45247	ED Cooling	Y. Body (EN-CV)	LINAC4 5.2	01-Mar-09	31-Dec-11	5	09-Oct-09
45719	Amplifiers tendering	J. Broere (BE-RF)	LINAC4 2.6.4	01-Jan-09	30-Oct-09	4	12-Oct-09
45720	Amplifiers construction and testing	J. Broere (BE-RF)	LINAC4 2.6.4	15-Oct-09	31-Dec-10	1	13-Oct-09
45701	Electrical distribution drawings & studies	J. Pierlot (EN-EL)	LINAC4 5.3	01-Jan-08	01-Nov-11	6	16-Oct-09
46666	Bunch Shape Monitor	U. Raich (BE-BI)	LINAC4 2.7	01-Mar-09	01-Sep-10	10	20-Oct-09
45704	Modifications in ME*23 Electrical Substation	J. Pierlot (EN-EL)	LINAC4 5.3	01-Nov-09	01-Feb-10	0	-
45685	Vacuum components - structures	G. Vandoni (TE-VSC)	LINAC4 2.11	01-Jul-09	01-Jul-11	4	05-Nov-09
45684	Vacuum components - 3MeV	G. Vandoni (TE-VSC)	LINAC4 2.11	01-Apr-09	31-Dec-09	3	05-Nov-09
45686	Vacuum transfer line	G. Vandoni (TE-VSC)	LINAC4 2.11	01-Jul-09	31-Dec-11	3	05-Nov-09
45683	Vacuum system design	G. Vandoni (TE-VSC)	LINAC4 2.11	01-Jan-09	31-Dec-09	3	05-Nov-09
45687	Vacuum tests and installation for L4	G. Vandoni (TE-VSC)	LINAC4 2.11	01-Jan-09	31-Dec-11	5	05-Nov-09
46663	BPMs	L. Soby (BE-BI)	LINAC4 2.7	01-Jan-09	30-Mar-12	8	11-Nov-09

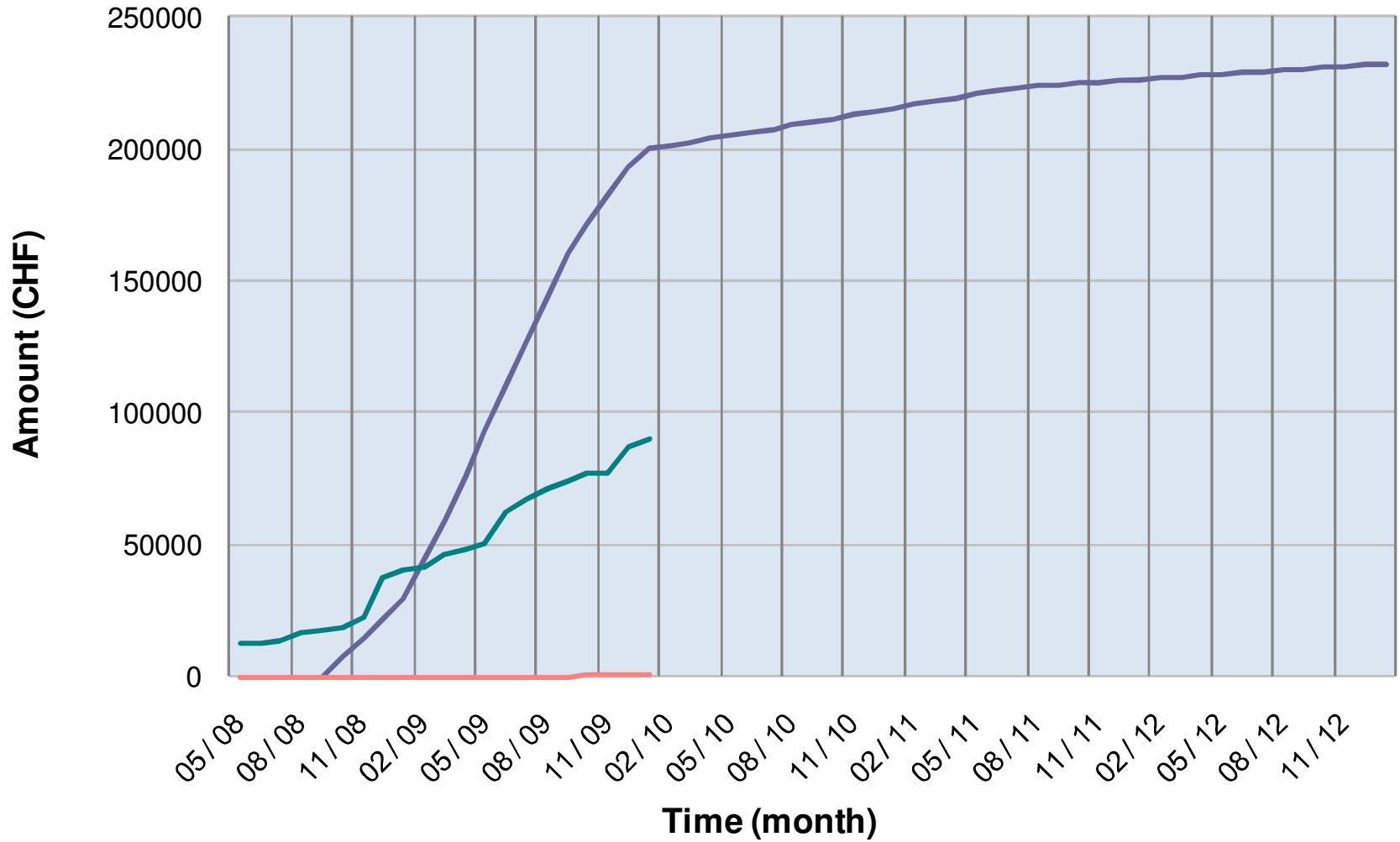


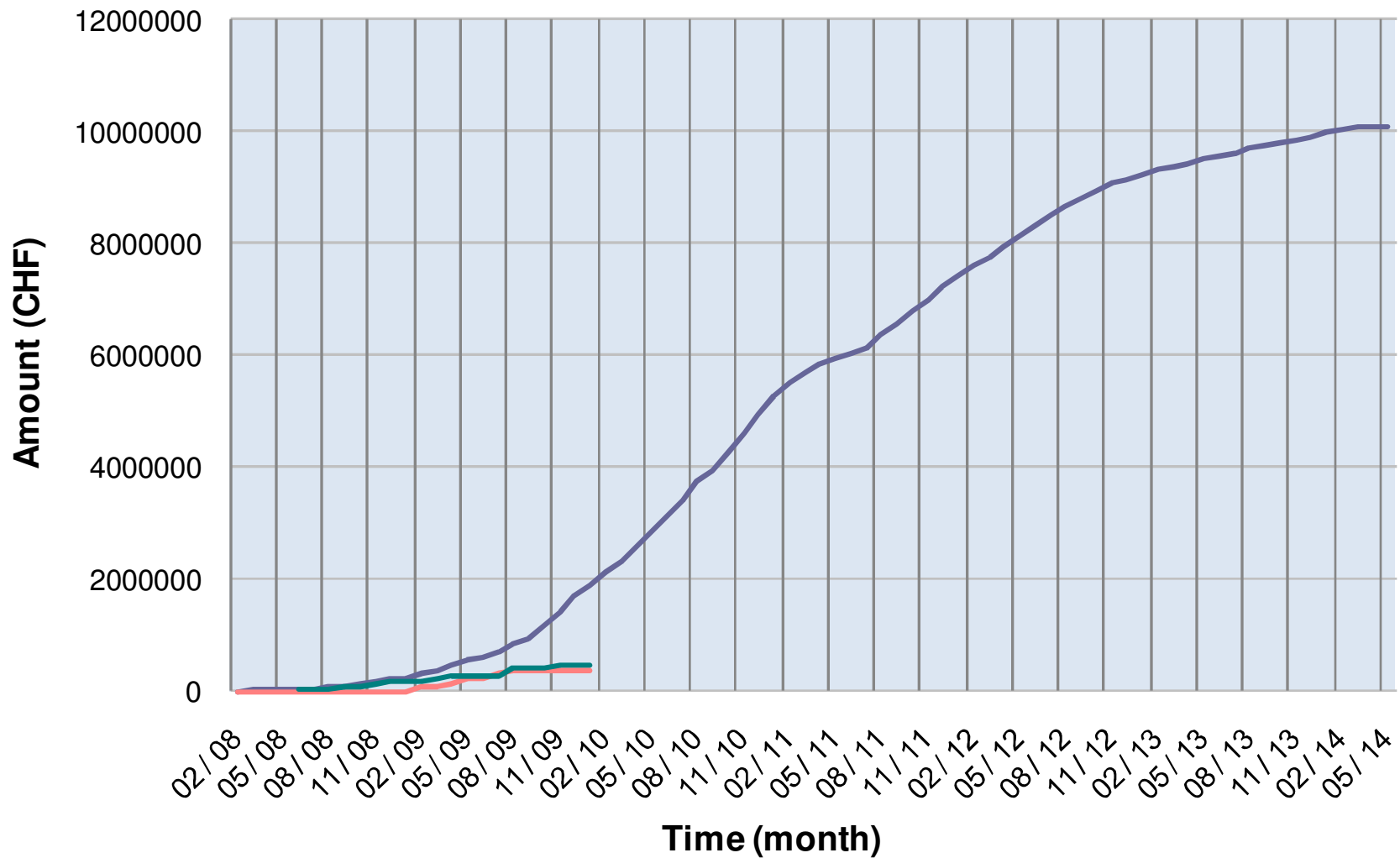


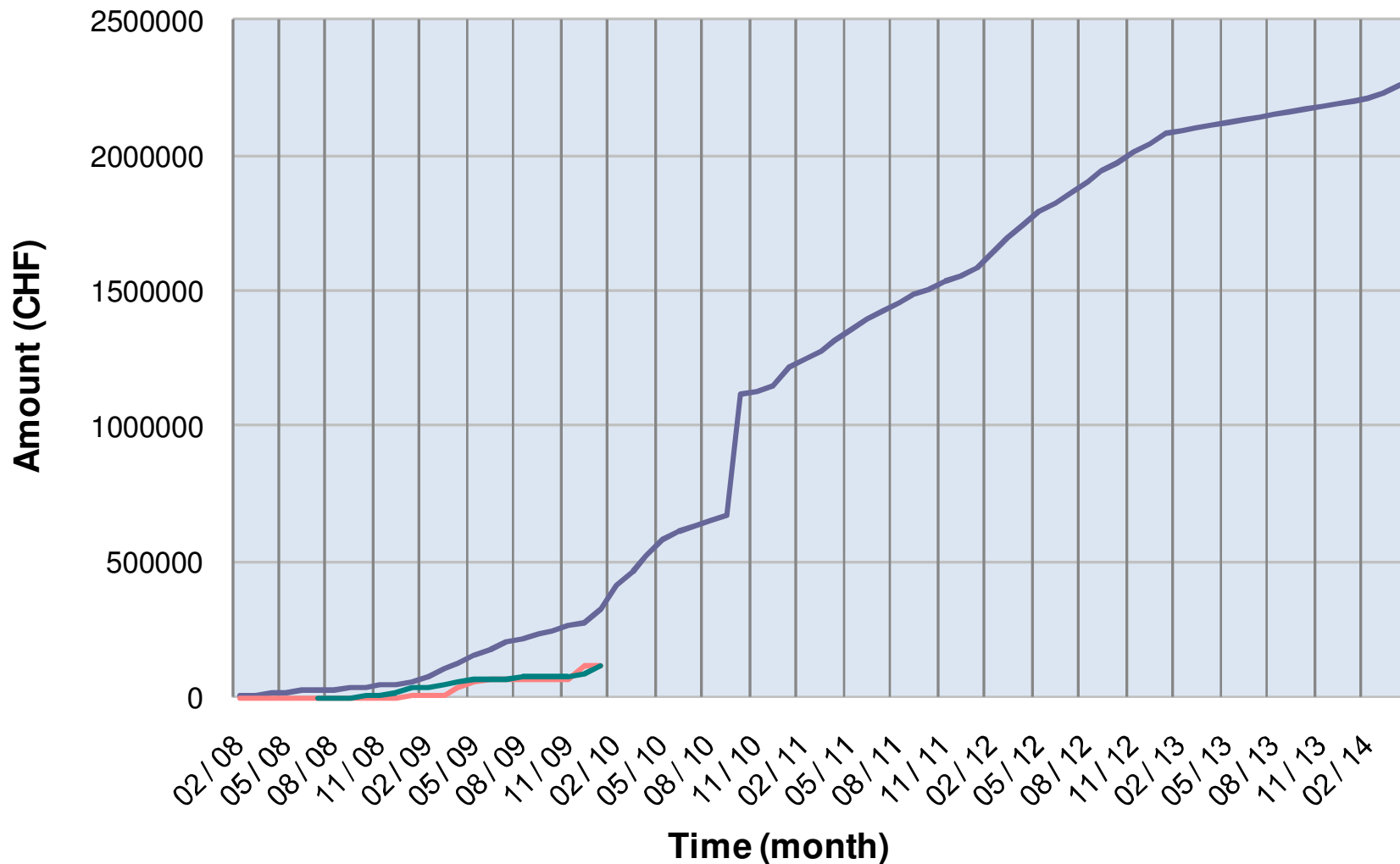


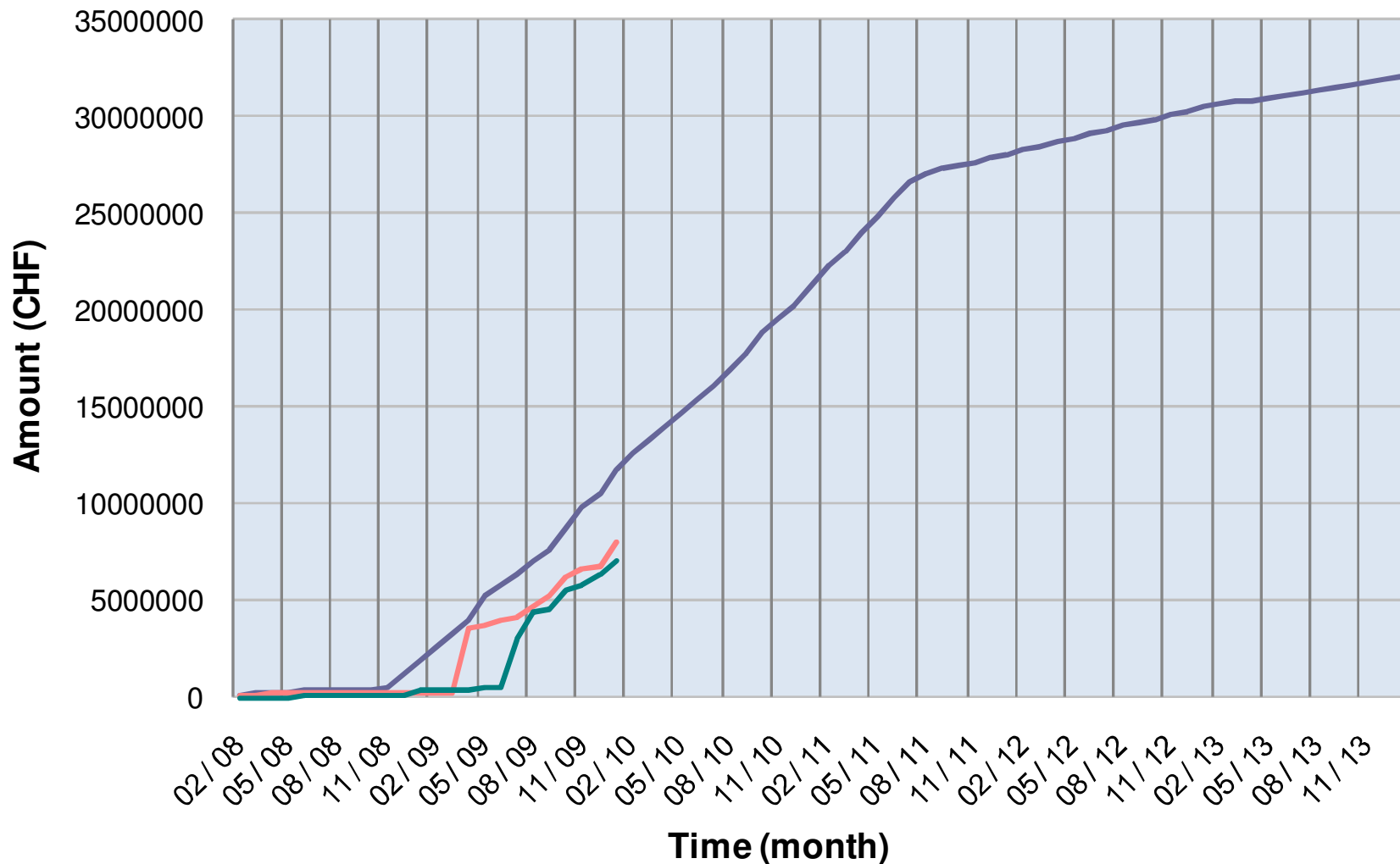












A new baseline will be created in 2010 to include the changes in schedule

For changes in your schedules, please

- Change dates on DEs and WUs in line of what was requested!

For other modifications of the WUs, please

- Download the WUs as Excel sheet,
- Modify the WUs in the Excel sheet,
- Mark each line that was modified with an “M” in the first column,
- Use “D” to delete and “N” for new lines,
- Send the modified file to Annabel Cobas
(You cannot upload it yourself into the baseline.)

Changes in budgets need to be discussed with Maurizio

Setting up the new baseline requires **your** help!