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Status of the use of resources, based on information at M18 (P1), and interim payments to come

3rd I.FAST Governing Board meeting

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Current contractual situation

- No amendment to the Grant Agreement so far.
- Voted modifications:
 - ✓ **Budget transfers** in **WP1** (GB Meeting#2, May 2022), **WP4** (GB e-vote, Feb. 2023), possibly **WP2** and **WP8** (GB Meeting#3, Apr. 2023) → *see next slide*
 - ✓ **New Partner Organisations joining**
 - In **WP4**: **CSIC**, **KCT**, **HZDR**, and **SBI** (GB e-vote, Feb. 2023 and GB Meeting#3, Apr. 2023)
 - In **WP10**: **TRUMPF** (GB Meeting#2, May 2022)
 - ✓ **New Linked Third Party to CNRS joining** in **WP4**: Ecole Polytechnique (GB Meeting#3, Apr. 2023)
 - ✓ **WP8 Work Plan** (GB Meeting#1, Oct. 2021 and possibly GB Meeting#3, Apr. 2023)

Current contractual situation

Budget transfer approved

- **WP1**

- **45k€** transferred from CERN to **GSI**

- **WP4 (IIF)**

- **900k€** from CERN EU contribution distributed to Beneficiaries **Elytt, PSI, VDL-ETG, CNRS** and its LTP, **CNR, UU, INFN, PICCOLI, RHP**



- **285k€** from CERN (matching funds) distributed to **Partner Organisations CSIC, KCT, HZDR** and **SBI**

- Pre-financing payments in April / May 2023

- **Possibly WP2, WP8**

- Votes to come later in this GB meeting

Current contractual situation

Outcomes

- An **amendment to the Grant Agreement** will be launched in 2023
 - EP as CNRS Linked Third Party (article 14)
 - Possibly WP4 and WP8 work plan: Annex 1 Part A & B
 - Possibly budget transfers: Annex 2 (budget)
- An **amendment to the Consortium Agreement** will be signed by CERN on behalf of the Consortium in 2023
 - Inclusion of new Partner Organisations budget, update of Beneficiaries budget

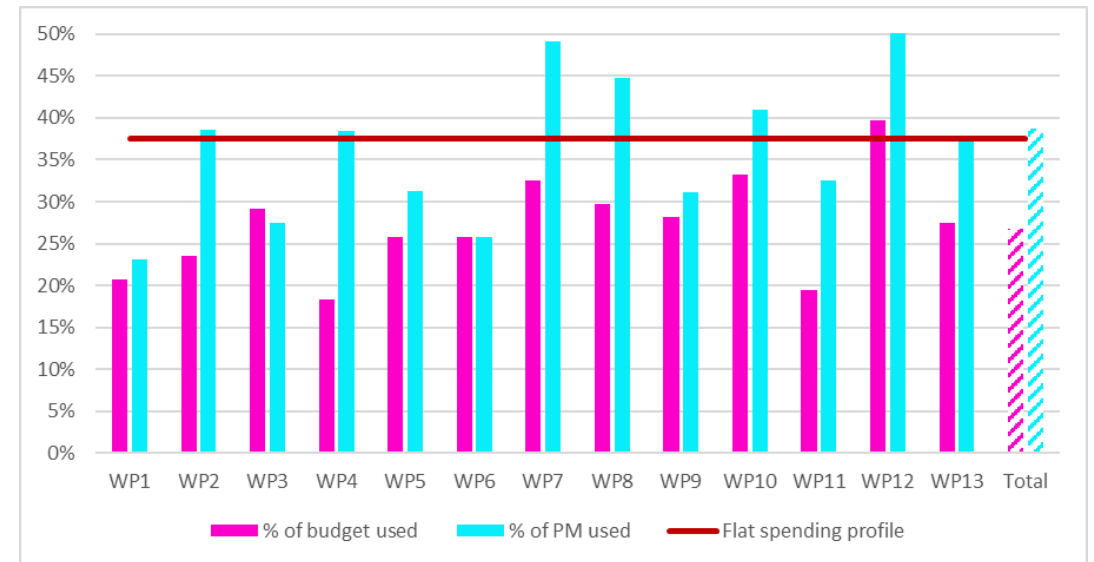
P1 repoting timeline

- End of P1 = M18 = October 2022
- Consortium: Consolidating preparation of P1 report
 - Technical part (WP Leaders, I.FAST Management)
 - Financial part (Beneficiaries, I.FAST Management)
- CERN: Submission of P1 report (deadline = Dec. 2022)
- EU: review
- Coordinator: Consolidating reviewed P1 report and resubmission (resubmission = 09/03/2023)
- EU: P1 report approval, interim payment to CERN [mid April 2023]
- CERN: interim payment to Beneficiaires [est. May-June 2023]

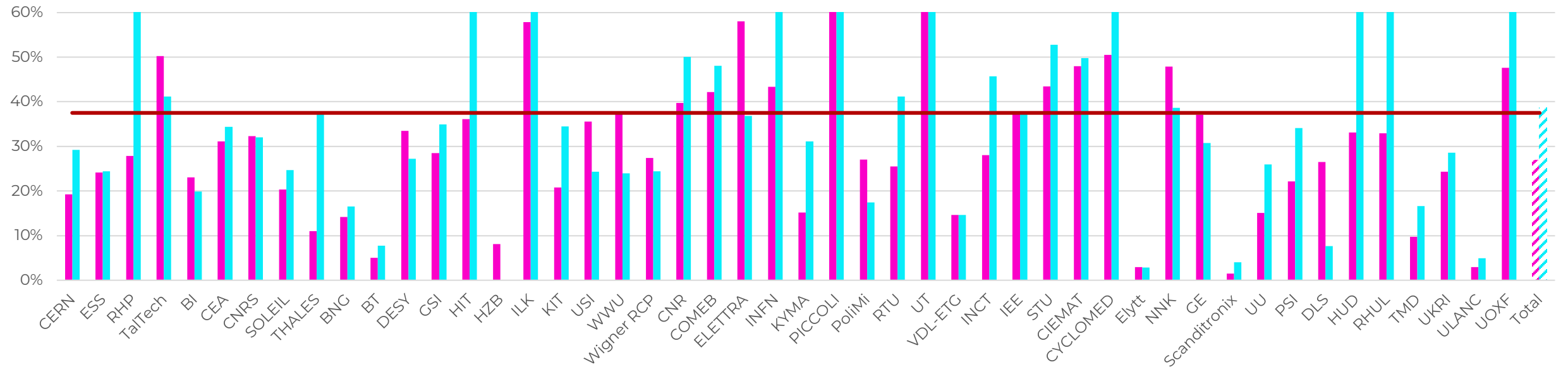
Use of resources in P1 per Work Package (full costs)

- At the end of Period 1, the participants have used resources for **4,991 k€**, which is **27%** of the total estimated budget for the 4 years of the project.
- The reported man-power utilisation amounts to **657 PMs**, which is **39%** of the total estimated person-months.

- **WP1:** KOM on-line due to Covid, admin support will increase as from P2 (P1 reporting, amendments, ...)
- **WP4:** IIF projects starts in P2
- **WP11:** delay of tasks 11.2 and 11.3. Procurement of components is starting only at the end of P1.



Full costs reporting per Beneficiary

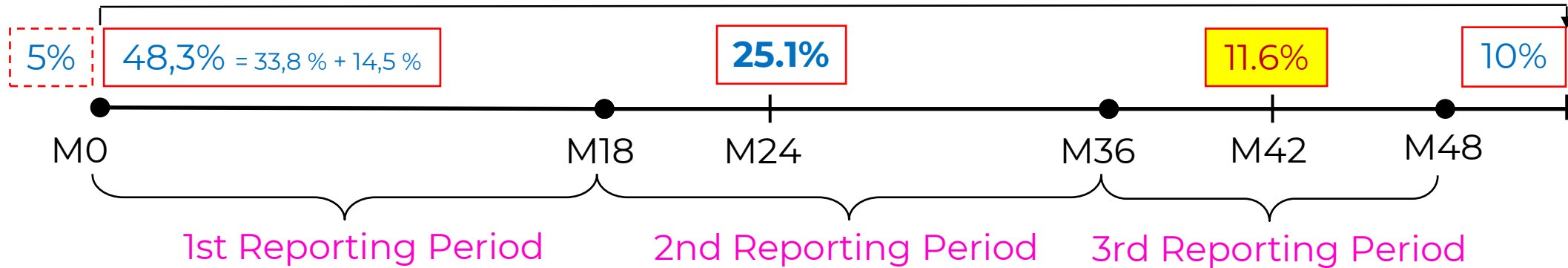


Under-spending:

■ % of budget used
 ■ % of PM used
 — Flat spending profile

- **THALES, BT, VDL, Elytt, TMD:** activities will (mostly) start in P2
- **BNG, Scanditronix:** due to global crisis and material prices increase, step out of the project
- Delays due to recruitment difficulties (**ULANC**) or cryo-plant maintenance (**HZB**)

Timeline of EC payments in I.FAST



Reminder

Full costs budget I.FAST = ~ 19 M€

→ Full costs reporting in **IRUS**

EC contribution = 10 M€

→ EC costs reporting in **FS (EC Portal)**

→ all partners contribute with a certain amount of **matching funds** and the funding rate for the beneficiaries varies between 26% and 75%

Articles 7.1 & 7.3 of the Consortium Agreement:

The financial contribution of the Funding Authority to the Project shall be distributed by the Coordinator according to the Consortium Plan, as set out in Attachment 1A (full costs), Attachment 1B (full costs of Partner Organisations) and Attachment 1C (reduced costs).

Funding of costs included in the Consortium Plan will be paid to Parties after receipt from the Funding Authority in separate instalments as agreed below:

Interim payments after the submission of each financial report in accordance with the reporting procedures as set out in Attachment 5

The sum of pre-financing and interim payments received by any Party shall not exceed 85% of its share of the maximum Funding Authority contribution.

P1 interim payment calculation

Step 0: Releasing 2nd part of pre-financing

Pre-financing payment is split in 2 payments for Beneficiaries with MGA \geq 100k€:

- PF_1 = 70% of PF at signature of CA.
- PF_2 = 30% of PF at the end of Y1 if costs declared in IRUS are above 10% of full costs (**on hold for ILK, KYMA, UU and PSI**).

Only for **ILK, KYMA, UU, PSI**: The payment of 2nd part of pre-financing is now released and will be paid with P1 interim payment.

EXAMPLES	ILK	KYMA
Maximum Grant Amount (MGA)	120,000 €	275,000 €
Pre-financing amount (48,33%) (PF)	58,000 €	132,917 €
Pre-financing payment: 1 st instalment paid at CA signature (PF_1)	40,600 €	93,042 €
Pre-financing payment: 2 nd instalment on hold at Y1 → now released (paid with P1 interim payment) (PF_2)	17,400 €	39,875 €

P1 interim payment calculation

Step 1: Funding rate applied to full costs

$$\text{Possible P1 interim payment} = \min(\text{EC}_1, \text{FC}_1 * \text{R} * 1,25)$$

EXAMPLES	CERN	TalTech
Maximum Grant Amount (MGA)	2,030,838 €	25,000 €
Full costs (FC)	4,652,620 €	43,500 €
Funding rate = (MGA ÷ 1,25) ÷ FC (R)	~35 %	~46 %
Requested EC contribution in P1 Financial Statement (EC ₁)	664,464 €	4,762 €
Full costs used in P1, declared in P1 Internal Resources Utilisation Summary (FC ₁)	1,077,238 €	21,841 €
Funding rate principle applied to P1 full costs = FC ₁ x R x 1,25	470,207 €	12,552 €
Possible payment for P1 = $\min(\text{EC}_1, \text{FC}_1 \times \text{R} \times 1.25)$	470,207 € = $\text{FC}_1 \times \text{R} \times 1.25$	4,762 € = EC_1



For partners claiming EC funds in P1 according to the Funding Rate principle → they will receive EC₁ (and PF₂, in case it was on hold)

For partners not providing enough matching funds → they will receive FC₁ x R x 1,25 (and PF₂, in case it was on hold)

In any case, another cap is possible (85% ceiling) → see next slide

P1 interim payment calculation

Step 2: 85% of max. grant amount ceiling

Ceiling for the sum of all payments: 85% of MGA
 Only the balance payment (after the end of the project) will be possible to go above this ceiling.

EXAMPLES	CERN	TalTech	PICCOLI
Maximum Grant Amount (MGA)	2,030,838 €	25,000 €	40,000 €
Prefinancing (PF ₁ + PF ₂) (PF)	1,438,321 € - 450,000 € IIF	12,083 €	19,500 €
Possible payment for P1 (PP ₁) <i>= min(EC₁, FC₁ x R x 1.25)</i>	470,207 € = FC₁ x R x 1.25	4,762 € = EC₁	28,998 € = FC₁ x R x 1.25
Total payments amount after PP ₁ = PF + PP ₁	1,458,528 €	16,845 €	48,498 €
Ceiling: 85% of MGA	1,726,212 €	21,250 €	34,000 €
Effective payment for P1 **	470,207 €	4,762 €	14,500 €
<i>if PP₁ + PF ≤ L → payment = PP₁ (+ PF₂ if applicable)</i>	= FC₁ x R x 1.25	= EC₁	
<i>if PP₁ + PF > L → payment = L - PF</i>			= L - PF

P1 interim payment calculation

Overview: possible scenarios

EXAMPLES	TalTech	GSI	PICCOLI
Maximum Grant Amount (MGA)	25,000 €	398,000 €	40,000 €
Requested EC contribution in P1 Financial Statement (EC ₁)	4,762 €	120,756 €	33,184 €
Effective payment for P1	4,762 € = EC ₁	107,482 € = FC ₁ x R x 1.25	14,500 € = L - PF

Not capped:

The requested EC contribution for P1 (in addition to the pending PF₂ if applicable) will be **fully paid**, since the 85% ceiling is not reached yet, and sufficient full costs have been declared in the IRUS.

Such beneficiaries can request EC funding for P2 and P3, and may get interim payment at the end of P2 and the balance payment after the end of the project.

Capped due to Funding rate:

The requested EC contribution for P1 (in addition to the pending PF₂ if applicable) will be **capped**, since the 85% ceiling is not reached yet, but **no sufficient matching funds have been used in P1**, according to the Funding rate principle.

The amount is not lost, as it is possible to be paid at P2 interim payment if sufficient matching funds are used.

Such beneficiaries can request EC funding for P2 and P3, and may get interim payment at the end of P2 and the balance payment after the end of the project.

Capped due to 85% ceiling:

The requested EC contribution for P1 (in addition to the pending PF₂ if applicable) will be **capped**, since the **85% ceiling is reached**.

The amount is not lost, it will be paid in the balance payment after the end of the project.

Such beneficiaries can request EC funding for P2 and P3, as long as the maximum grant amount is not reached, but there will be **no P2 interim payment**.

P1 interim payment (vote)

Do you approve the P1 interim payment calculation as presented in the previous slides?

!! P1 interim payment cannot be done before reception of EC Payment

☺ P1 Payment Letter received 12/04/2023

!! The final amounts for P1 interim payment will be calculated **after the votes on budget transfers (WP2, WP8)**

Next steps

- P1 interim payment from EU to CERN [mid April 2023]
- **P1 interim payment from CERN to Beneficiaries**
 - Confirmation of bank details [est. April 2023]
 - Payment [est. May – June 2023]
- Collection of financial data from Partner Organisations regarding Y2 (01/05/2022 – 30/04/2023)
 - IRUS collection [May 2023]
 - Information of Beneficiaries in charge (CERN, GSI, CEA, RTU) [est. June 2023]
 - Possible **Y2 interim payment from Beneficiaries in charge to Partner Organisations** [est. July 2023]
- GA Amendment & CA Amendment to come [est. Q3 2023]

Partner Organisations (CERN)

Beneficiary	Partner Organisation	Task	Total direct costs	Funding
CERN	JGU	Task 5.2	71k€	35k€
CERN	Amplitudes	Task 6.2	20k€	10k€
CERN	Amplitudes	Task 6.4	20k€	10k€
CERN	FTMC	Task 6.3	60k€	30k€
CERN	Thales lasers	Tasks 6.2, 6.4	29k€	15k€
CERN	UNIGE	Task 8.2	19k€	11k€
CERN	UNIGE	Task 8.3	41k€	23k€
CERN	CDTI	Task 3.3	23k€	13k€
CERN	INEUSTAR	Task 3.3	31k€	17k€
CERN	ESI	Task 2.3	146k€	100k€

Partner Organisations (GSI, CEA, RTU)

Beneficiary	Partner Organisation	Task	Total direct costs	Funding
GSI	MIT	Task 5.3	40k€	16k€
GSI	CNAO	Task 5.3	40k€	16k€
GSI	MedAustron	Task 5.3	40k€	16k€
GSI	SEEIIST	Task 5.3	20k€	8k€
CEA	IFJPAN	Task 13.1	31k€	22k€
RTU	VMU	Task 9.5	10k€	5k€

Concluding messages

- Many thanks to all sc. & fin. contacts for their support in the P1 report preparation & answers to reviewers' questions
- Bank details to be prepared, to receive interim payment
- Next reporting will be in May 2024 (Y3 = P2) for all Beneficiaries + Partner Organisations → matching funds to be reported in the IRUS

iFAST

**Many thanks for your attention
Any questions?**



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