

OpenDreamKit

Workpackage 1: Project Management



This project has received funding from the European Union's Horizon 2020 research and innovation programme.

Financial management

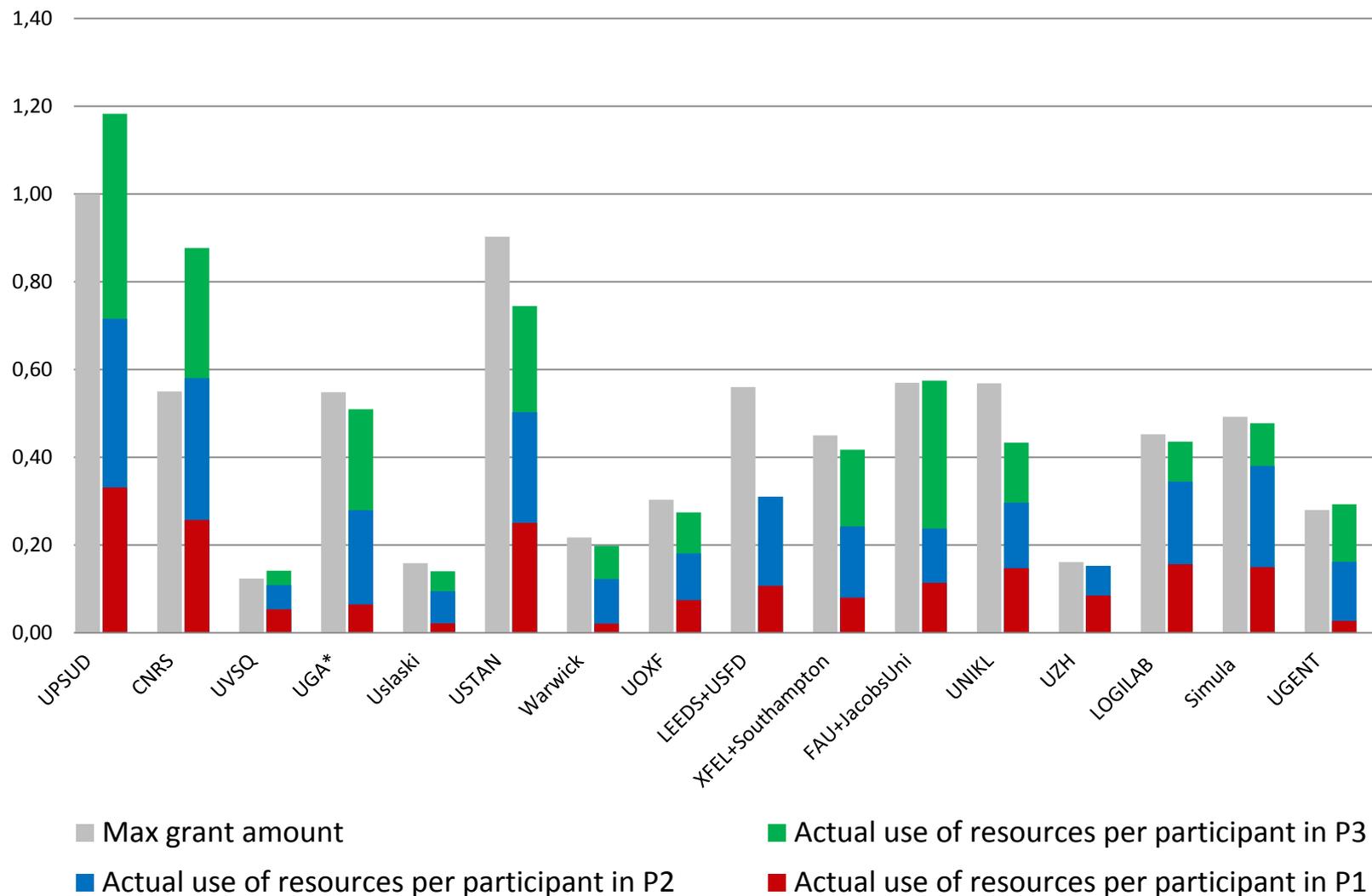
- **Key figures**

- **Spent 94% of max grant amount - 7 161 675,59 €**
- **(Requested EU contribution : 7 626 345,51 €)**

- **Spent 853 PMs (Overspending of 34,82)**



Use of resources per participants (in M€)



H2020

Justifications

Overspendings:

- **UPSud:** 115% of its budget, by 150k€ (5th amendment)
- **CNRS:** 110% of its budget, by 79k€ (40k€ formalized in the 5th amendment)
- **UVSQ:** 115% of its budget, by 18k€

→ higher involvement than was originally planned

→ additional dissemination activities

Underspendings

- **UGA:** 93%, by 38k€
- : fewer conference travels and meetings than expected.
- **UNIKL:** 76% of its budget, 135k€
- : involved in other funding projects, No declaration of Mr Decker working time on ODK
- **Uslaski:** 88% of its budget, 20k€?



Justifications

- Situation of the British beneficiaries: Underspendings

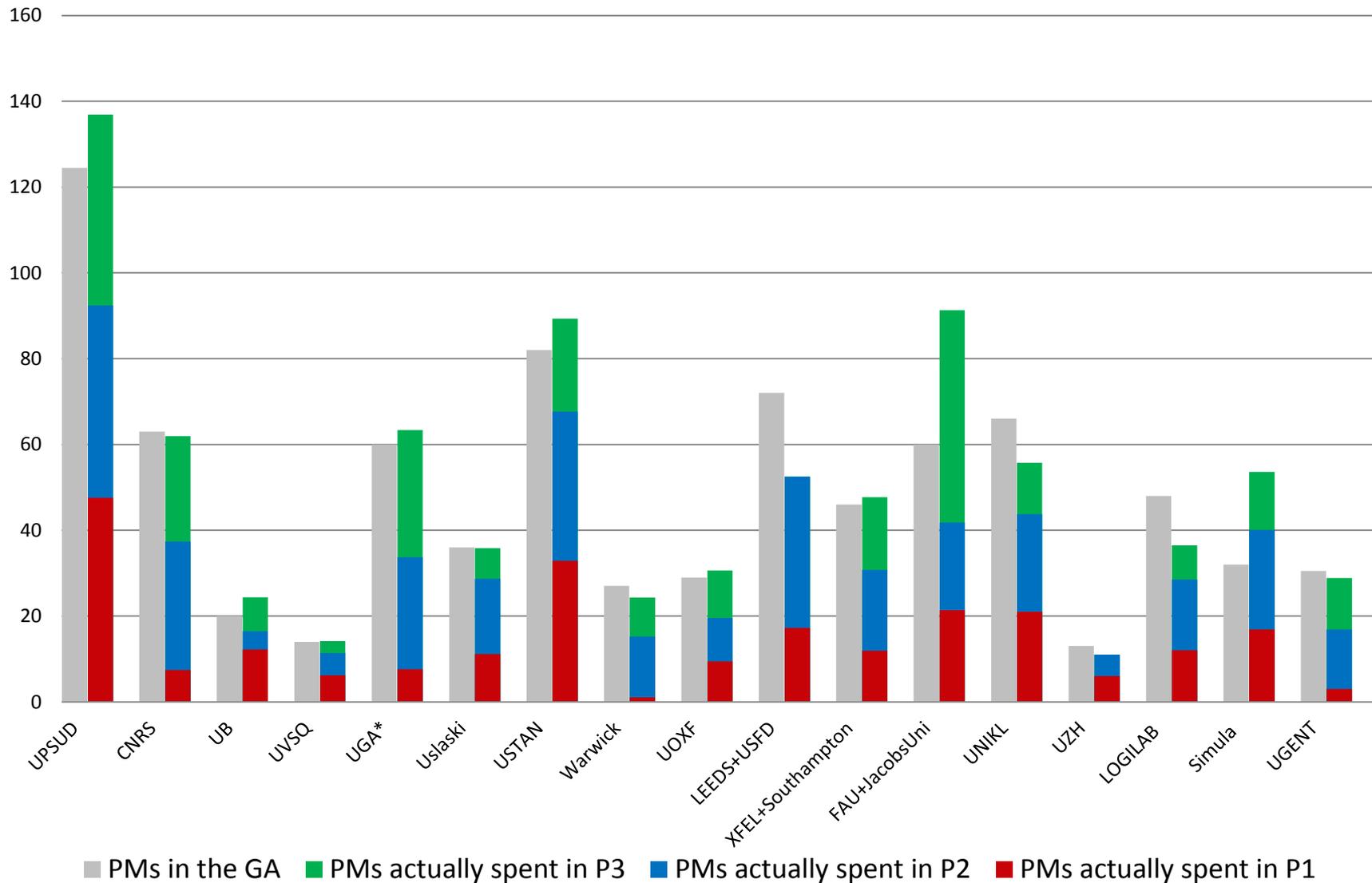
- UOXF: 90%, by -30k€
- USTAN: 82%, by -157k€
- UWarwick 91%, by -19k€
- SOUTHAMPTON+XFEL: 92%, by -37k€
- USFD+Uleeds: 56% of its budget, by 250k€

->BREXIT uncertainties: low exchange rate, difficulty of hiring and keeping personnel

->LEEDS: termination of all activities, departure to the industry if the lead PIs

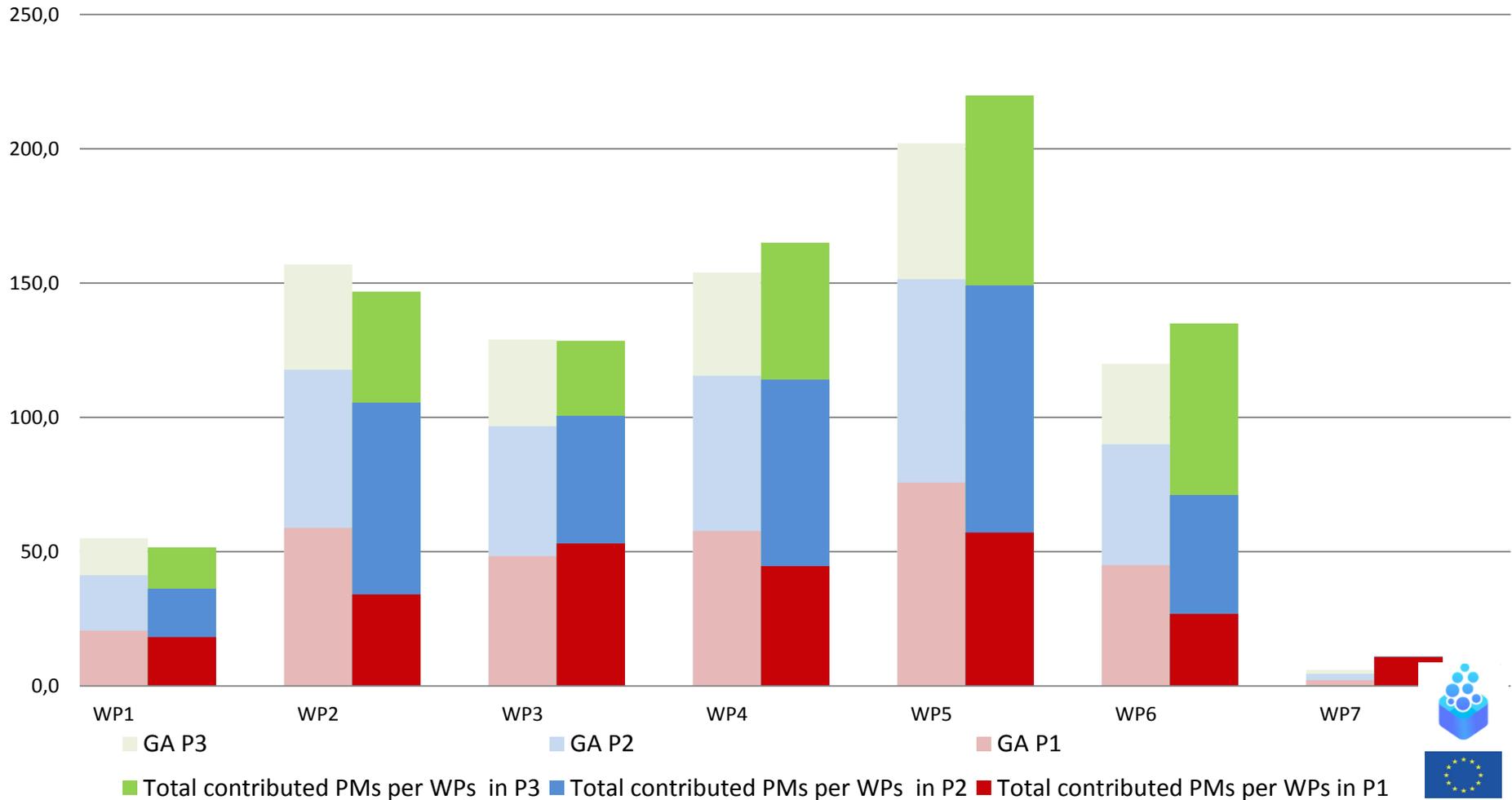


Use of resources per participant (in PMs)



H2020

Use of resources per WPs (in PMs)



Financial Overview

- Overspendings:

- UPSud: 110% , 12 PMs (124,5 in GA)
- UB: 122%, 4,3 PMs (20 PMs in GA).

- UOXF 106% , 1,6 PMs (29 PMs in the GA)
- USTAN 109%, 7,35 PMs (82 in the GA)

- Simula: 167%, 21,6 PMs (32 PMs in the GA).
- XFEL : 107%, (1,9 PMs in the GA).
- FAU: 161% , 26,2 PMs (43 PMs in the GA).

->hiring of a junior member of staff, cost-effective, using more person months with lower salary.



Justifications

- Underspendings:
 - UNIKL: 84% of PMs, 10,2 PMs (66 in the GA)
 - WARWICK: 90% its PMs, 2,7 PMs (27 in the GA).
 - LEEDS: 11%, of 19,55 PMs (22 PMs in the GA)
 - →difficulty of hiring and keeping personnel: BREXIT
 - Logilab: 76%, of 11,5 PMs (48 PMs in the GA,)
 - → subcontractor (12 PMs) no charged as regular
Directs costs



Risk management

- Recruitment of highly qualified staff **Mitigated!**
- Human Resources issues
 - 5 unplanned departures for industry
 - 3 PIs moving to other sites
 - 1 early retirement
 - 1 long term leave
 - 2 deaths
 - 4 paternity and maternity leaves
- Mitigations measures:
 - loose coupling between tasks, spreading of critical tasks over several beneficiaries
 - Flexible work plan & project agility
- Hiring during RP3
 - 4 recruited women: 1 Junior Researcher, 1 PostDoc at FAU, 1 RSE & 1 Project Manager at PS.



Risk management

- Different groups not forming effective team **Mitigated!**
 - Developers of the different pieces of software working solely for the benefit of the program they were initially working on and for.
- Mitigations measures:
 - many preexisting collaborations
 - organization of dozens of joint workshops
 - stimulation of collaborative efforts across communities



Risk management

- **Implementing infrastructure that does not match the needs of end-users** **Mitigated!**
- Mitigations measures
 - contributing to existing project with well established user communities
 - co-design, by-users for-users development model
 - open bottom-up approach strongly involving the community from the inception;
 - deep contact with the user community
 - counsel and feedback from our Advisory Board (including end-user representatives)
 - Flexible work plan & project agility



Risk management

- **Lack of predictability for tasks that are pursued jointly with the community** **Mitigated!**
- **Reliance on external software components** **N/A**
- **Mitigations measures:**
 - **Flexible work plan & project agility**



Follow-up on recommendations

- **Rec 2:** *To include the KPIs in a centralized way in the technical report (KPI table)*
 - All KPI's presented within a single section of the Technical Report for RP3
 - Introduced in each WP leader presentation
(21 success stories: 1 in KPIs/aim 1, 8 in KPIs/aim 2, 4 in KPIs/aim 3, 8 in KPIs/aim 4)
- **Rec 3:** *Demonstration of capabilities due to project results is crucial, especially for test cases/show cases. Often, such demonstrations are extremely technical. A higher level approach to such demonstrations is needed, so that potential users are not taken aback by the many actions they need to undertake. It would be good if the project team discusses this, and takes action to make demonstrations more attractive and appealing. This is also vital for the sustainability of the project results*
 - Discussed within the project & during the final review



Follow-up on recommendations

- **Rec 4:** *Financial statements must be made available to reviewers no later than 15 days before Review Meeting in final form and to the Commission much earlier.*
 - Submitted on time (except for the press release)
- **Rec 5:** *It is to be hoped that spend can be accelerated in the next year to make best advantage of the funds available and to ensure maximum benefit to the communities.*
 - Spent 7.6 million € (accelerated in RP3)



Follow-up on recommendations

- **Rec 6:** *Greater attention must be paid to acknowledgement of EU funding in all areas.*
 - References missing in preprints but not in the final versions
 - checked on the websites the corresponding softwares

Follow-up on recommendations

- **Rec 9:** *Some guidelines (set of recommendations) for using the different tools provided by OpenDreamKit would be recommendable. We have expanded our use case section on opendreamkit.org and will keep doing so.*
 - Expanded Use case sections on the website with guidelines



GA Key figures

- **5 amendments to the GA:**

- 4 relocations
- 85 →63: deliverables merged
- 6 deliverables names updated
- 6 updates of task lead institutions
- 3 deliverables postponed
- 8 Budgets transfers
- 8 Movements of PMs
- 1 subcontractor

Flexible work plan & project agility
Consensus decision-making
Support from Europe

