

Annex to GB decision CleanHydrogen-GB-2024-13

2.2.4 Calls for tenders and other actions

2.2.4.1 Calls For Tenders

In 2024, the Clean Hydrogen Joint Undertaking will carry out a number of operational activities via calls for tenders (i.e. public procurement) for an indicative amount of **EUR 2 million**. These activities will be financed with Horizon Europe funds.

In addition and from the RePowerEU funds, a procurement will be executed for an indicative amount of **EUR 12.5 million** to accelerate the number of hydrogen valleys in Europe by providing dedicated project development assistance.

The procurement activities are covering subjects of a strategic nature for the Clean Hydrogen JU, providing input to R&I priority setting and supporting further financing, deployment and commercialisation of renewable hydrogen and fuel cells projects.

The following indicative list of procurements is currently foreseen:

Subject (Indicative title)	Indicative budget (EUR)	Expected type of procedure	Indicative Schedule
<i>Sustainable paths for the use and management of water in the hydrogen value chain</i> The Clean Hydrogen JU is planning to launch a tender to assess the techno-economic, environmental and social sustainability of water use in green hydrogen value chain. The study will also analyse the resilience of water availability with respect the concurrent demand from different sectors and in the proximity to upcoming large hydrogen production capacities in Europe and neighbouring countries at regional levels and across the seasonal changes. Proposed recommendations to develop a circular approach to reduce and manage water consumption in a sustainable way is also part of the study.	600,000 EUR	Open procedure	Q3
<i>Potential of natural/geologic hydrogen in Europe</i> The Clean Hydrogen JU is planning to launch a tender to address the lack of understanding and assess the potential for geologic hydrogen in Europe. The exact scope of the study will be further elaborated while preparing the tender specifications to avoid duplication with on-going and planned activities in this area.	450,000 EUR	Open procedure	Q1-Q2

Subject (Indicative title)	Indicative budget (EUR)	Expected type of procedure	Indicative Schedule
<p><i>Techno-economic-environmental analysis on the use of hydrogen in a RES-dominated European power generation sector.</i></p> <p>The Clean Hydrogen JU is planning to launch a tender to perform a techno-economic-environmental analysis on the role of hydrogen in Europe's power generation sector. Different scenarios with large shares of renewable power generation in the energy system will be investigated. The study will look at hydrogen use in different forms (pure hydrogen, hydrogen blends in natural gas, ammonia, etc).</p>	450,000 EUR	Open procedure	Q1-Q2
<p><i>European Hydrogen Sustainability and Circularity Panel (EHS&CP)</i></p> <p>The Clean Hydrogen JU will launch a tender to set up the scope of the EHS&CP based on input of a multidisciplinary pool of experts to support addressing and integration of sustainability and circularity aspects.</p> <p>The framework contract will be concluded for a maximum duration of 48 months and will have a maximum ceiling of EUR 2 million. The framework contract will be implemented through specific contracts, with a first specific contract to be concluded in 2024 with the indicative budget of 500.000 EUR.</p>	500,000 EUR	Open procedure	Q4
<p><i>Hydrogen Valleys Facility</i></p> <p>The Clean Hydrogen JU is planning to launch a tender to set-up and run a 'Hydrogen Valley Facility' aiming at accelerating the number of hydrogen valleys in Europe. The facility will include project development assistance to support Hydrogen Valleys at different level of maturity. Whilst the focus will be on European countries, such project development assistance may be extended to third countries, in line with the Commission policy priorities.</p> <p>In addition, it will include activities aiming to ensure that the knowledge gathered and the lessons learnt from Hydrogen Valley projects (including skills) are retained, collected, analysed and widely disseminated and used in a structured and efficient way. The Facility will also be used to maintain and update the Mission Innovation Hydrogen Valley Platform¹.</p>	12,500,000 EUR ²	Open procedure	Q1-Q2

¹ <https://h2v.eu/>

² This budget will come from the 'RePowerEU funds'

The exact budget to be allocated to each of these procurements will be decided before preparing the tender specifications and will be supported by market research. This will allow to align the final scope of each procurement procedure with a particular budget. In addition, according to the results of the market research, the relevance and need for each of the studies will be revisited (in view of current ongoing and planned studies on some of the areas addressed by the planned procurements above).

The final budgets awarded to actions implemented through procurement procedures may vary by up to 20% of the total value of the indicative budget.

3 BUDGET 2024

The budget for 2024 was approved by the GB on 20 December 2023. The 1st amendment to the 2024 budget introduced the following change:

A. On the revenue side

- 1) Re-activation of unused commitment appropriations from operational expenses of 2023 (EUR 7 036 949.35) to partially finance 1 additional project from reserve list of Call 2023.

B. On the expenditure side

- 2) In the operational budget (Title 3), Horizon Europe commitment appropriations increased by EUR 7 036 949.35 to finance 1 additional project from reserve list of Call 2023.

The 2nd amendment to the budget introduces the following changes:

A. On the revenue side,

- 1) Introduction of additional funding of EUR 19 million through third-country contributions;
- 2) Re-activation of unused payment appropriations from 2021 open commitments under administrative expenses (EUR 594 857);
- 3) Re-activation of unused commitment appropriations from operational expenses of 2022 (EUR 528 578).

B. On the expenditure side,

In the administrative budget (Titles 1 & 2), payment appropriations will increase by EUR 594 857, as a result of the upcoming refurbishment plan.

In the operational budget (Title 3), Horizon Europe commitment appropriations will increase by EUR 19 million due to additional third-country contributions (UK Contribution). In addition, they will increase also by EUR 528 578 to finance a procurement activity as specified in section 2.2.6.5 "European Hydrogen Safety Panel (EHSP)" and experts (reviewers).

STATEMENT OF REVENUE								
		Financial year 2024						Remarks
Heading	Title Chapter Article Item	Initial budget 2024.0 CA	Initial budget 2024.0 PA	Amended budget 2024.1 CA	Amended budget 2024.1 PA	Amended budget 2024.2 CA	Amended budget 2024.2 PA	
EU contribution (excluding EFTA and third countries contribution)		117,777,030	103,875,655	117,777,030	103,875,655	117,777,030	103,875,655	
of which (fresh C1) Administrative (Title 1&2)		2,786,736	2,786,736	2,786,736	2,786,736	2,786,736	2,786,736	
of which frontloaded commitments (Title 1 &2)	2002	790,664	767,511	790,664	767,511	790,664	767,511	
of which FP7 Operational (Title 3)	2001							
of which H2020 Operational (Title 3)	2005		18,625,100		18,625,100		18,625,100	
of which Horizon Europe Operational (Title 3)	2006	114,199,631	81,696,308	114,199,631	81,696,308	114,199,631	81,696,308	

EFTA and third countries contribution		64,141,317	39,572,478	64,141,317	39,572,478	83.141.317	39,572,478	<i>Clean Hydrogen JU does not manage EFTA and third-countries contribution directly. Therefore, EFTA lines will be added to the EU contribution as above</i>
of which Administrative EFTA(Title 1&2)	2002	98,650	121,676	98,650	121,676	98,650	121,676	EFTA for H2020 calculated at 3% and for HE at 3.54%
of which Operational EFTA in FP7 (Title 3)	2001		-		-		-	EFTA for FP7 calculated at 2.11%
of which Operational EFTA in H2020 (Title 3)	2005	-	558,753	-	558,753	-	558,753	EFTA for H2020 calculated at 3%
of which Operational EFTA in Horizon Europe (Title 3)	2006	4,042,667	2,892,049	4,042,667	2,892,049	4,042,667	2,892,049	EFTA for Horizon Europe calculated at 3.54%
Of which operational third countries excluding EFTA (Title 3)	2006	60,000,000	36,000,000	60,000,000	36,000,000	79,000,000	36,000,000	60,000,000 in CA and 36,000,000 in PA in Horizon Europe line in 2024
Financial Members other than the Union contribution		3,676,050	3,675,923	3,676,050	3,675,923	3,676,050	3,675,923	

Hydrogen Europe contribution to administrative costs	2003	3,161,403	3,161,293	3,161,403	3,161,293	3,161,403	3,161,293	
Hydrogen Europe Research contribution to administrative costs	2004	514,647	514,629	514,647	514,629	514,647	514,629	
Unused appropriations from previous years		404,216	513,304	7,441,165	513,304	7.969.743	1.108.161	
Of which administrative 2021	3021						594,857	
Of which administrative 2022	3022	404,216	513,304	404,216	513,304	404.216	513,304	
Of which operational 2022	3020					528,578		
Of which operational 2023	3023			7,036,949		7,036,949		
TOTAL ESTIMATE REVENUE		185,998,614	147,637,360	193,035,563	147,637,360	212.564.141	148.232.217	

STATEMENT OF EXPENDITURE

Financial year 2024

Heading	Title Chapter Article Item	Financial year 2024								Remarks
		Initial budget 2024.0 CA	Initial budget 2024.0 PA	Amended budget 2024.1 CA	Amended budget 2024.1 PA	Amendment to budget 2024.2 CA	Amendment to budget 2024.2 PA	Amended budget 2024.2 CA	Amended budget 2024.2 PA	
<i>1 - Staff costs</i>		<i>5,168,000</i>	<i>5,168,000</i>	<i>5,168,000</i>	<i>5,168,000</i>			<i>5,168,000</i>	<i>5,168,000</i>	
Salaries and allowances	11	4,716,000	4,716,000	4,716,000	4,716,000			4,689,000	4,689,000	
- Of which establishment plan posts	1101	4,330,000	4,330,000	4,330,000	4,330,000			4,303,000	4,303,000	Includes basic salaries for temporary staff and contract agents, family allowances, expatriation and foreign residence allowances, unemployment insurance, insurance against accidents and occupational disease, annual travel costs
- Of which external personnel	1102	386,000	386,000	386,000	386,000			386,000	386,000	Includes salaries, entitlements and allowances for Contract Agents and Seconded National Experts. Additional SNE.

Expenditure relating to Staff recruitment	1200	5,000	5,000	5,000	5,000			5,000	5,000	Miscellaneous expenditure on staff recruitment (travel expenses for interviews)
Mission expenses	1300	68,000	68,000	68,000	68,000			68,000	68,000	Mission claims and travel agency tickets. Possibility to be increased during the year.
Socio-medical infrastructure	1401	15,000	15,000	15,000	15,000			15,000	15,000	Medical service and mobility costs
Training	1402	30,000	30,000	30,000	30,000			57,000	57,000	Training costs
External services	1500	330,000	330,000	330,000	330,000			330,000	330,000	Includes: Interim staff and trainees Installation allowance, daily subsistence, resettlement allowance and removal costs for staff arriving/departing Cost of PMO provisions
Receptions, events and representation	1600	4,000	4,000	4,000	4,000			4,000	4,000	Representation and receptions
2 - Infrastructure and operating costs		3,330,614	3,330,614	3,330,614	3,330,614			3,330,614	3,925,471	

Rental of building and associated costs	2000	480,000	480,000	480,000	480,000		350,000	480,000	830,000	Rent, works, insurance, common charges (water/gas/electricity), maintenance, security and surveillance. Minor refurbishment.
Information, communication technology and data processing	2100	449,847	449,847	449,847	449,847			449,847	449,847	IT purchases, hardware and software, licences, software development. PTA licences
Movable property and associated costs	2200	5,000	5,000	5,000	5,000		244,857	5,000	249,857	Purchases and rental of office equipment, maintenance and repair
Current administrative expenditure	2300	9,270	9,270	9,270	9,270			9,270	9,270	Office supplies, library, translation service, bank charges and miscellaneous office expenditure
Postage/ Telecommunications	2400	8,998	8,998	8,998	8,998			8,998	8,998	Telephones, video conferences and postal services
Meeting expenses	2500	52,000	52,000	52,000	52,000			52,000	52,000	Official meetings such as SRG, Scientific Committee, Governing Board and caterings
Information and publishing	2600	786,500	786,500	786,500	786,500			786,500	786,500	External communication and events

Running costs in connection with operational activities	2700	1,539,000	1,539,000	1,539,000	1,539,000			1,539,000	1,539,000	Project technical assistance, audits, consulting activities and accounting services with DG BUDG
TOTAL ADMINISTRATIVE COSTS (1+2)		8,498,614	8,498,614	8,498,614	8,498,614			8,498,614	9.093.471	
3 - Operational costs		177,500,000	139,138,746	184,536,949	139,138,746			204.065.527	139,138,746	
FP7	3001	-	-	-	-			-	-	This appropriation shall cover the operational costs of the JU regarding FP7 grants (pre-financings, interim and final payments) and studies.
H2020	3002	-	19,081,415	-	19,081,415			-	19,081,415	This appropriation shall cover the operational costs of the JU regarding H2020 grants (pre-financings, interim and final payments), studies and JRC contribution.
Horizon Europe	3003	177,500,000	120,057,331	184,536,949	120,057,331	19,528,578		204,065,527	120,057,331	This appropriation shall cover the operational costs of the JU regarding Horizon Europe grants

(pre-financings),
studies and JRC
contribution.

TOTAL EXPENDITURE	185,998,614	147,637,360	193,035,563	147.637.360			212.564.141	148.232.217	
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