## European Commission subsidy for administrative expenditure (NE Clean Hydrogen Joint Undertaking)

<table>
<thead>
<tr>
<th>Year</th>
<th>Initial Budget 2020 (€)</th>
<th>Amendment 2020 (€)</th>
<th>Amended Budget 2021 (€)</th>
<th>Amendment 2021 (€)</th>
<th>Amended Budget 2022 (€)</th>
<th>Remarks</th>
</tr>
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<tbody>
<tr>
<td>2020</td>
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## European Commission subsidy for operational expenditure (Hydrogen Europe Research Centre – Hydrogen Joint Undertaking)

<table>
<thead>
<tr>
<th>Year</th>
<th>Initial Budget 2020 (€)</th>
<th>Amendment 2020 (€)</th>
<th>Amended Budget 2021 (€)</th>
<th>Amendment 2021 (€)</th>
<th>Amended Budget 2022 (€)</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>2022</td>
<td>3.440.000</td>
<td>3.440.000</td>
<td>3.440.000</td>
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</table>


## Europe subsidies Horizon Europe

<table>
<thead>
<tr>
<th>Year</th>
<th>Initial Budget 2020 (€)</th>
<th>Amendment 2020 (€)</th>
<th>Amended Budget 2021 (€)</th>
<th>Amendment 2021 (€)</th>
<th>Amended Budget 2022 (€)</th>
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<tbody>
<tr>
<td>2021</td>
<td>333.243</td>
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## Joint Undertaking

<table>
<thead>
<tr>
<th>Year</th>
<th>Initial Budget 2020 (€)</th>
<th>Amendment 2020 (€)</th>
<th>Amended Budget 2021 (€)</th>
<th>Amendment 2021 (€)</th>
<th>Amended Budget 2022 (€)</th>
<th>Remarks</th>
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</thead>
</table>

## EXPENDITURE (IN EURO)

<table>
<thead>
<tr>
<th>Heading</th>
<th>Initial budget 2022.0</th>
<th>Amendment 2022.1</th>
<th>Amendment 2022.2</th>
<th>Amended budget 2022.2</th>
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<tbody>
<tr>
<td>1. STAFF EXPENDITURE</td>
<td></td>
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<tr>
<td>1.1 STAFF IN ACTIVE EMPLOYMENT</td>
<td>3,825,000</td>
<td>3,825,000</td>
<td>20,000</td>
<td>20,000</td>
<td>3,845,000</td>
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<tr>
<td>1.2 EXPENDITURE RELATED TO RECRUITMENT</td>
<td>5,000</td>
<td>5,000</td>
<td>5,000</td>
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<tr>
<td>1.3 COMPENSATION AND REPRESENTATION EXPENSES</td>
<td>62,000</td>
<td>62,000</td>
<td>50,000</td>
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<tr>
<td>1.4 TRANSMISSES, INFRASTRUCTURE AND TRAINING</td>
<td>44,000</td>
<td>44,000</td>
<td>44,000</td>
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<tr>
<td>1.5 ADMINISTRATION AND REPRESENTATION EXPENSES</td>
<td>4,000</td>
<td>4,000</td>
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<td>4,000</td>
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<td>Representation and receptions</td>
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<tr>
<td>TOTAL TITLE 1</td>
<td>3,858,000</td>
<td>3,938,000</td>
<td>20,000</td>
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<td>3,958,000</td>
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<td>2. BUILDING, EQUIPMENT AND MISCELLANEOUS EXPENSES</td>
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<td>2.1 CURRENT ADMINISTRATIVE EXPENSES</td>
<td>885,000</td>
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<tr>
<td>2.2 CLEARING AND TELECOMMUNICATIONS</td>
<td>520,000</td>
<td>520,000</td>
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<td>2.3 MOVABLE PROPERTY AND ASSOCIATED COSTS</td>
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<td>20,000</td>
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<td>2.4 RENT, WORKS AND OTHER SERVICES</td>
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<td>2.5 EXPENSES ON ADMINISTRATION AND OFFICE EQUIPMENT</td>
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<td>20,000</td>
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<td>2.6 COMMUNICATION COSTS</td>
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<td>210,000</td>
<td>910,000</td>
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<td>2.7 SERVICE CONTRIBUTES</td>
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<td>347,000</td>
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<td>397,000</td>
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<td>2.8 EXPERT CONTRACTS AND MEETINGS</td>
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<td>131,000</td>
<td>649,000</td>
<td>649,000</td>
<td>780,000</td>
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<td>TOTAL TITLE 2</td>
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<td>2,940,000</td>
<td>1,188,000</td>
<td>1,188,000</td>
<td>4,131,000</td>
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<td>TOTAL TITLE 3</td>
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<td>5,864,000</td>
<td>1,336,000</td>
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<td>3.0.1 Implementing the research agenda of FCH-JU Undertaking: 7th Framework Programme (2017)</td>
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<td>3.0.2 Implementing the research agenda of FCH-JU Undertaking: Horizon 2020</td>
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<tr>
<td>3.0.3 Implementing the research agenda of FCH-JU Undertaking: Horizon Europe</td>
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<td>TOTAL TITLE 4</td>
<td>1,474,819</td>
<td>46,305,344</td>
<td>63,425,950</td>
<td>309,416,713</td>
<td>170,731,054</td>
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<tr>
<td>TOTAL EXPENDITURE</td>
<td>8,364,819</td>
<td>52,165,264</td>
<td>305,152,064</td>
<td>84,034,950</td>
<td>312,007,713</td>
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</table>

### Notes
- Amended budget 2022.2 differs from the initial budget 2022.0 due to various factors including financial adjustments and reallocations.
- Costs related to expert contracts (pre-screens, mid-term, ad-hoc and final reviews) are included in the total expenditure.
- Interim and final reviews under the operational costs of the JU may include grants for pre-screens, mid-term, ad-hoc and final reviews.
- The appropriation shall cover the operational costs of the JU regarding Horizon grants (pre-screens, mid-term, ad-hoc and final reviews).
**Title 1 - STAFF COSTS**

11. **Staff in active employment**
   Costs for staff in Staff establishment plan (27 TAs, 2 CAs and 3 SNEs): 3,620,000 (3,616,498 according to exact calculations)- includes an annual indexation of 2% and contingency of 0.8%
   Costs for trainees: 32,800 (2 trainees for the whole year, includes travel costs)
   Costs for interim: 166,000 (5 interim contracts to be concluded until July 2022)
   Costs for other services rendered (PMO:22,500, inter-agencies network: 1,000, Welcome Office:2,300, programmable badges:400)

12. **Expenditure related to recruitment**
   Costs for new recruitments: 5,000

13. **Missions and travel**
   15,000 spent in 2020 and around 20,000 foreseen in 2021, increased missions for 2022 but not at the levels of 2019.

14. **Sociomedical infrastructure**
   Medical costs: 8,000
   Mobility costs: 8,000 (extension of coverage to other green means of transport, eq. e-scooters)
   Training: 28,000 (15,000 for general and language training and use of EU Learn, 8,000 for other trainings (eg. EUSA), 5,000 for away day)

15. **Entertainment and representation costs**
   Around 2,000 spent in 2021

**Title 2 - INFRASTRUCTURE**

20. **Rental and charges**
   Rent: 250,000 (following amendment No4 in 2020 and estimated indexation for 2021)
   Utility, security charges and insurance: 103,000) and 2,000 for building insurance
   Office space refurbishment: 500,000

21. **Information technology**
   See details in dedicated sheet

22. **Movable property**
   Although no spending in 2021, increased budget in 2022 due to office refurbishment and change of office plan

23. **Current administrative expenditure**
   Translation services: 2,000 (according to forecast provided in eCdT platform)
   Office supplies: 6,000
   Books: 1,000

24. **Correspondence, postage and telecommunication**
   Telephony, teleconference and mobile costs: 7,000
   Correspondence and postage services: 3,000

25. **Expenditure on formal and other meetings**
   Decrease to reflect actual consumption of pre-COVID era

26. **Communication costs**
   See details in dedicated sheet

27. **Service contracts**
   Accounting services and validation of accounting systems: 67,000
   Audits on annual accounts for years 2022-2023: 55,000
   Maintenance of database for HRS in our web: 100,000 / year (implemented through specific contracts)
   Intra-muros services: 10 FTEs will start as of September until December 2022 with the following assumptions: junior consultant cost per day: EUR 650 (2 FTEs), senior consultat per day: EUR 900 (8 FTEs)
   Study on workload and feasibility for Back-office arrangements: 50,000

28. **Expert contracts and meetings**
   Evaluations: 2 calls, 330 proposals and 126 experts for a total of 649,000 (assuming physical presence)
   Mid-term reviews: 30 reviews planned in the period January to December 2022 with 229 expert days and a total cost of EUR 113,000 (including 10 onsite visits)
   Final reviews: 12 reviews panned between January 2022 and February 2023 with 62 expert days and a total cost of EUR 28,000
### Estimation of costs - Charges for the Service Level Agreement with DG HR for 20

*basis Ares(2021)1149076 of 10/02/2021*

<table>
<thead>
<tr>
<th>Type of service</th>
<th>Estimated No of service *</th>
<th>Cost per service**</th>
<th>Total cost</th>
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<tbody>
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<td>Language training</td>
<td>97</td>
<td>53</td>
<td>5.154,25</td>
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<tr>
<td>General &amp; digital training</td>
<td>28</td>
<td>246</td>
<td>6.929,00</td>
</tr>
<tr>
<td>Pre-recruitment &amp; annual medical visits</td>
<td>1</td>
<td>493</td>
<td>493,00</td>
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<tr>
<td>EU Learn</td>
<td>31</td>
<td>30</td>
<td>930,00</td>
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<tr>
<td>Welcome Office &amp; PPI</td>
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<td>75</td>
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<tr>
<td>Security badges</td>
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<td>Sysper - staff</td>
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<td>292</td>
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<tr>
<td>Vaccination against influenza</td>
<td>3,1</td>
<td>39</td>
<td>120,90</td>
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<tr>
<td>Dispensary services</td>
<td>0,31</td>
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<td>72,85</td>
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* based on 2018 consumption or population

**indicative charges 2020

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<td>Remarks</td>
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<tr>
<td></td>
<td>Charge based on average number of training days in last 3 years: 78 days in 2018, 123.75 in 2019, 67.5 (until 03/09) in 2020</td>
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<tr>
<td>1400</td>
<td>Charge based on average number of training days in last 3 years: 8 days in 2018, 26.5 in 2019, 36 (until 03/09) in 2020</td>
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<tr>
<td>1400</td>
<td>Charge based on deliverable; based on trends: 1 in 2020, X in 2021 (provision)</td>
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<tr>
<td>1400</td>
<td>Charge based on population (29 Tas+Cas) + 2 SNEs, basis is updated SEP for 2022</td>
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<tr>
<td>1400</td>
<td>Charge based on population (29 Tas+Cas) + 2 SNEs, basis is updated SEP for 2022</td>
</tr>
<tr>
<td>1100</td>
<td>Charge based on deliverable</td>
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<tr>
<td>2100</td>
<td>staff per body</td>
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<tr>
<td>1400</td>
<td>10% of the statutory staff members for vaccination</td>
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<tr>
<td>1400</td>
<td>1% of statutory staff members for dispensary services</td>
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<td>Commitment Appropriations</td>
<td>414.911</td>
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<td>---------------------------</td>
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<td>IT infrastructure (hardware + software)</td>
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<td>IT managed services / WA infrastructure improvements &amp; recurring costs</td>
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<td>Software maintenance renewal &amp; SLA fees</td>
<td>225,800.00</td>
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<td>ABAC fee</td>
<td>30,000</td>
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<td>DIGIT services fees</td>
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<td>IT Hosting services for the ABAC System</td>
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<td>ICT Procurement services</td>
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<td>ARES fee</td>
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<td>FCH Website hosting 12 months MoU DIGIT &quot;Next Europa-CMS&quot; services</td>
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<td>CHE Website annual operational fee for 2022</td>
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<tr>
<td>40 days Web developments by DIGIT Next Europe fwc</td>
<td>20,800</td>
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<tr>
<td>40 days for H2Forum development</td>
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<td>Annual cost on e-prior</td>
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<tr>
<td>RACHEL service</td>
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<td>Microsoft annual fee for software licenses scenario C2</td>
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<td>DMS annual maintenance renewal 21/12/2022 - 20/12/2023</td>
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<td>IMI cloud Platform hosting costs recovery order</td>
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<td>SLA CERT-EU</td>
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<td>SYSPER Fee</td>
<td>29,500 Ares(2021)1149076</td>
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<td>MIPS Fee</td>
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<td>SYSTAL Fee</td>
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<td>Reservations for any additional tools</td>
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<tr>
<td>Hardware / Copier</td>
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<tr>
<td>Common service contracts managed by FCH with recovery orders</td>
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<td>Fixed telephony</td>
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Prepared by Laurent 04-07-22
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<th>Services</th>
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<tbody>
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<td>European Hydrogen week in November</td>
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<td>Indicative price for a hybrid event of 5 days based on estimated 2021 offer for 5 days, incl. external venue, assumption of increased physical presence it also includes production of video</td>
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<td>Car lease</td>
<td>50,000</td>
<td>Negotiated procedure for middle value contract</td>
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<td>Conference assistants for the event</td>
<td>3,000</td>
<td>Under SCIC/C1/2018/FWC/01</td>
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<td>General promotional items (building, car, EHW)</td>
<td>10,000</td>
<td>SCIC/2021/OP/0001</td>
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<tr>
<td>Editing, writing and proofreading of PR2021, AAR 2021, success stories, articles, posters, award teasers</td>
<td>50,000</td>
<td>Editing, layout and proofreading by OP</td>
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<td>Graphic design services (eg. Valleys, AAR 2021)</td>
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<td>Media planning following public opinion survey results</td>
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<td>Through FWC COMM/2019/OP/0029 (lot 1)</td>
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<td>Media buying and analysis for EU-27 (indicated in the AWP communication plan)</td>
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<tr>
<td>Modular booth</td>
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<tr>
<td>Feasibility study for a booth</td>
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<tr>
<td>2 sponsorships</td>
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<td>Direct contracts</td>
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<td>2 articles</td>
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<td>Direct contract/ invoices</td>
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<tr>
<td>Costs associated to car (cleaning, change of tyres)</td>
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<td>Separate provisional commitment</td>
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<td>Provision for OP pub</td>
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<tr>
<td>Media monitoring</td>
<td>20.000,00</td>
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<tr>
<td>Contribution to NOW booth for Hannover Messe</td>
<td>10.000,00</td>
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<tr>
<td>(25-29 April)</td>
<td>Direct contract</td>
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<td><strong>TOTAL</strong></td>
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The project duration will most likely be extended. Final extension ranges between 6 and 24 months but still to be agreed. As a result of the final extension, the project will be very likely extended due to COVID-19. This would postpone the final review to 2022, what may have an impact on the due date.

The results of this project are of specific interest to electricity system operators. One of the experts involved in the mid-term review works in this field.

The project faced significant difficulties and low in TRL. Expert support is necessary to assess the results.

The project is deviating from targets for FCEV deployment and HRS construction. Experts could support in providing recommendations for change in the consortium configuration. It was subject to two extensions and

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For PO input
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FCH.JU Forecast of payments to be done. Calls 2008-2013: Updated information at 05/09/2014