ABOUT HALBERT RESEARCH

Halbert Research specialises in EU funding and scientific research management. We are experts in European Horizon 2020 funding and we work across a broad range of scientific disciplines. We have an excellent track record in helping clients across Europe to write competitive proposals, win funding and manage projects. We work directly with universities, colleges, research institutes, government departments, state agencies, public bodies, companies and individual researchers.

If you have a good research idea, we can help you to identify funding opportunities, find partners, develop your proposal, manage meetings and deadlines, prepare budgets, and ensure timely submission. We also offer expert pre-evaluation services for draft or completed proposals. Our workshops are suitable for newcomers and experienced groups. We supply project managers for successful projects and we offer on-site and remote services.

WE PROVIDE COACHING & EVALUATION SERVICES FOR EU FUNDING

www.halbertresearch.com
Practical tips for research developers on how to support researchers interested in applying for EU research funding, in particular **Horizon 2020** funding opportunities.

Horizon 2020 is the biggest EU Research and Innovation programme ever, committing **€80 billion** research funding (2014 to 2020).
H2020 – final three years

€30 billion investment
under Horizon 2020 for Research & Innovation 2018-2020
CALLS LAUNCHED 27 OCTOBER

#InvestEUresearch
#www.ec.europa.eu/research

www.halbertresearch.com
H2020 Framework Programme

https://ec.europa.eu/programmes/horizon2020/
H2020 Submission Process

Register

Complete Part A Forms

Write the main ‘Part B’ proposal

Upload, Submit

1. How can I continue to do my research?
2. Where can I get funding?
3. What are my chances?
4. Where will I find the time?
5. Where is the Call and what is the deadline?
6. Do I have to lead, or can I join as a partner?
7. Where will I find non-academic partners?
8. How do I build the right consortium?
9. Do I need to meet partners in advance?
10. How does the application system work?
11. Do you have a copy of a successful proposal?
12. Who will do the budget and admin?
13. Can I help up to the deadline?
14. What if I don’t get through?
1. What is my role in EU funding?
2. Are there ‘research champions’ in-house?
3. Can I match H2020 Calls with promising applicants?
4. How does the H2020 system work?
5. What is the track record of the applicant?
6. Is their proposal credible and a good fit with the Call?
7. How much time can I give to each applicant?
8. Should I screen applicants for support?
9. When should the proposal preparation start?
10. Who needs to be involved?
11. How can I manage the support process?
12. What is the cut-off for last-minute ‘cries for help’?
13. Can I be more strategic and effective in H2020 support?
Six months in advance, provide background H2020 information and survey your researchers:

- Do you have an idea that would make a good H2020 project?
- Are you planning to submit a proposal this year?
- Have you identified a H2020 Call?
- Do you need support?
Calls are launched on the H2020 Website

Calls have a unique identifier, e.g. DT-TDS-01-2019

Different Call dates, deadlines, funding

Different types of ‘Actions’ (RIA, IA, CSA...)

Single and two-stage deadline models

Open, or defined Topics


RIA: Research and Innovation Action.
IA: Innovation Action.
CSA: Coordination and Support Action
The **Guide for Applicants** explains how to write the proposal Part A and B, and helps you check eligibility.

The **Work Programme** describes the purpose of the funding programme.

*Read instructions carefully.*
Topic: DT-TDS-01-2019

**Specific Challenge:**

‘Citizens in a rapidly ageing European population are at greater risk of cognitive impairment, frailty and multiple chronic health conditions with considerable negative consequences for their independence, quality of life and for the sustainability of health and care systems. The challenge is to foster large-scale deployment of integrated digital solutions which will bring improved quality of life to citizens while demonstrating significant efficiency gains in health and care delivery across Europe’.

Convert the Call Topic text to a **checklist**
Five months in advance, collect one-page proposals from researchers

- Captures essential information
- Is the project a good fit with H2020?
- Useful starting point for discussion
- Can help with screening for support
- Did the researcher meet this deadline?

### One-Page Proposal - MSCA Individual Fellowship

<table>
<thead>
<tr>
<th>Proposal Title:</th>
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<tbody>
<tr>
<td>Aim of the project:</td>
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<tr>
<td>What is new and surprising about the research?</td>
<td>Background to the research/preliminary findings:</td>
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<tr>
<td>Why now?</td>
<td>The specific objectives of the project:</td>
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<tr>
<td>1.</td>
<td>2.</td>
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<td>3.</td>
<td>4.</td>
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<td>5.</td>
<td>6.</td>
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<tr>
<td>3 achievements of the researcher to date:</td>
<td>What is special about the Host Organisation and Supervisor:</td>
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<tr>
<td>Training Outcomes for the Fellow and Knowledge Transfer to Host teams:</td>
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<tr>
<td>Career options for Fellow (after the Fellowship – provide examples of job titles in non-academic and academic settings):</td>
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<tr>
<td>Relevance of the research outcomes:</td>
<td>Describe relevance of outcomes to industry, society, policy (etc.) as well as to the scientific community:</td>
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</tbody>
</table>
Four months in advance:

- Run coaching programme
- Researchers must have a draft proposal in advance
- Combine short seminars, feedback, panels, one-to-one coaching, and planning.
- External candidates can tune in using virtual tools
Step 5
Edit Proposal

The H2020 Portal

Complete the Part A Forms

Download the Part B Templates

Upload proposal Part B Document 1 and Document 2

WARNING: This proposal contains changes that have not yet been submitted...
### Writing Schedule

- Decide page allocations
- Assign deadlines
- Build in reviews
- Allow time for revisions

<table>
<thead>
<tr>
<th>Proposal Section - Part B1</th>
<th>Pages per main section</th>
<th>Pages per subsection</th>
<th>Writer</th>
<th>Reviewer</th>
<th>Deadlines</th>
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<tbody>
<tr>
<td>1. Excellence - <em>(must start on p.5 of B1)</em></td>
<td>12</td>
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<tr>
<td>1.1 Quality, innovative aspects and credibility of the research programme</td>
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<td>Table 1.1. WP List</td>
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<tr>
<td>1.2 Quality and innovative aspects of the training programme</td>
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<tr>
<td>Table 1.2a Recruitment Deliverables per Beneficiary</td>
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<tr>
<td>Table 1.2b Main Network-Wide Training Events, Conferences and Contribution of Beneficiaries</td>
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<td>1.3 Quality of the supervision</td>
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<td>1.4 Quality of the proposed interaction between the participating organisations</td>
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<td>2. Impact</td>
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</table>
Three main criteria: Excellence, Impact, and Implementation

Specific Evaluation Criteria and Sub-Criteria for each Call

Scores are applied for each Criterion

Scores are weighted differently

Scores higher than the thresholds are needed to win funding
Imagine being able to understand exactly how the human heart functions, every intricate detail – understanding it so well that you are able to create a computerised model of its tissues, the very fibre of the heart. Imagine being able, from this knowledge, to create a device which produces heart valves – real ones ...

The living heart of the matter

Heart defects are common; in fact they are some of the most common defects seen in newborns. Sadly, they are also one of the leading causes of deaths linked to birth defects.

It is unclear, at this stage, what causes these defects. Various genetic or environmental factors may contribute, but in the absence of conclusive evidence, prevention is very difficult and treatment remains the only option. This usually involves a succession of complicated, high-risk operations followed by ongoing treatment with medication – often for the entirety of the patient’s life.

This spectacular result is likely to bring new hope to many patients. In fact, as Dr van Loon explains, it ‘implies that babies with congenital heart disease would not have to undergo several re-operations and that people with valve replacements would not have to take anticoagulants throughout their lives’.

Better prospects for tiny patients

Advances in the treatment of this condition could help to improve the quality of life of babies born with heart defects, and help to alleviate its lasting impact on sufferers in later life. In 2006, a Dutch Marie Curie Fellow set out to examine novel methods of replacing the defective valves in the heart. Combining knowledge of tissue engineering and computational modelling, Dr Raoul van Loon investigated the creation of a living prosthesis. Unlike the prostheses previously available, this one would have the ability to grow, adapt to new physiological situations, and even to fight disease. In effect, it would become a living, genuine part of the body.

Pumping ideas into action

Raoul van Loon studied mechanical engineering for his BSc and MSc at Eindhoven University of Technology in the Netherlands. Here he was able to look at the ways in which computer code
H2020 Support – Month 2

Two months in advance:

- Review finalised proposals according to EC evaluation criteria.
- Follow up with short seminar for groups, to cover common issues.
- Check all Part A forms and administration.
- Researchers submit their proposals one month in advance of EC deadline.
- Close the support programme.
H2020 Support Schedule

1. Survey
2. One-Page Proposal
3. Call documents
4. Draft proposal
5. Coaching Programme
6. Final Proposal Review

H2020-MSCA-IF 2018
• Opening date: 12 April 2018
• EC Deadline: 12 September 2018

Call Open

Internal Deadline

Survey

One-Page Proposal

EC Deadline

Draft proposal

Coaching Programme

Final Proposal Review
THANK YOU