



## Digital Innovation Hubs in Healthcare Robotics (DIH-HERO)

Open & Upcoming Calls



# DIH-HERO

## Open and upcoming calls

Open calls:

Travel voucher call: open until 15<sup>th</sup> of December 2019

Technology Demonstrator call: open until 31<sup>st</sup> of December 2019

Upcoming call:

Technology Transfer Experiment call: Beginning of next year



Please note that the information given in this presentation may be subject to changes.

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## Financial Support

Instruments:	Travel Voucher (TV)	Technology Demonstrator (TD)	Technology Transfer Experiment (TTE)
Third Party obtaining Financial Support	SME	SME or slightly larger company	SME or slightly larger company
# applicants	1	$\geq 2$	$\geq 2$
Funding per project	2 k€	100 k€	200k€
Number of projects	400	35	20
Project Duration		<9 months	<15 months
TRL		6 – 7	5 – 7
DIH-HERO tailored package of Innovation Coaching		0,1fte / 0,9 PM per project	0,1fte / 1,5 PM per project



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## Financial Support: General Definition of SME

According to the general SME definition stated in article 2 of the annex to Recommendation 2003/361 EC

“To count as an SME, your organisation must be engaged in an economic activity and must have:

- fewer than 250 employees and
- an annual turnover of no more than €50 million and/or a balance sheet of no more than €43 million

Whether you count as an SME may depend on how you count your workforce, turnover or balance sheet. Please note that you must take account of any relationships you have with other enterprises. Depending on the Category in which your enterprise fits, you may then need to add some, or all of the data.”



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## Financial Support: General Definition of slightly larger companies

According to the European Commission

To count as a slightly larger company than an SME, your organisation must be engaged in an economic activity and must have:

- fewer than 500 employees and
- an annual turnover of no more than €100 million

Whether you count as a slightly larger company than an SME may depend on how you count your workforce and turnover. Please note that you must take account of any relationships you have with other enterprises. Depending on the category in which your enterprise fits, you may then need to add some, or all of the data.



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## Financial Support: Technology Demonstrator (TD) call

### Purpose

- Stimulate cross-border collaboration
- Accelerate the development of Healthcare Robotics by demonstrating the feasibility of new, innovative and enhanced robotic solutions in healthcare application domains.
- Improve and broaden the uptake of robotics solutions and increase future investments in robotics in healthcare.



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## Financial Support: Technology Transfer Experiment (TTE) call

### Purpose

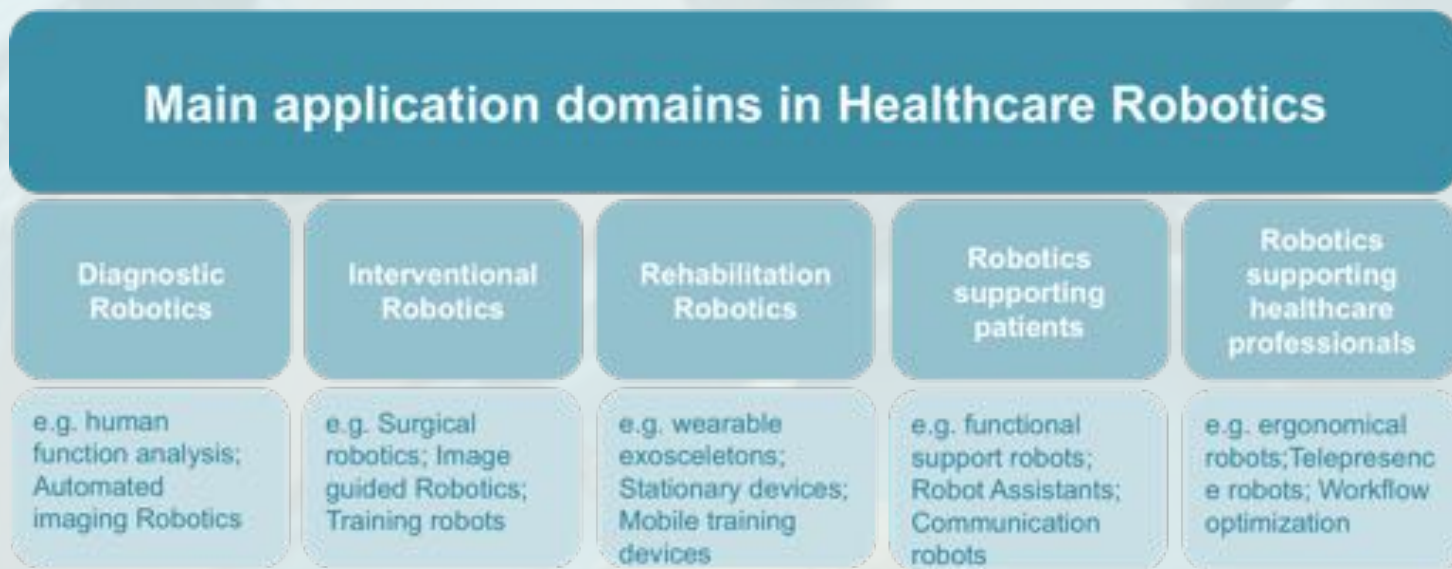
- Stimulate cross-border collaboration
- Stimulate the transfer of innovative technology from outside the robotics and healthcare domains
- Solve unanswered clinical questions
- Contribute to overcome implementation hurdles that hinder generating new business for the healthcare robotics industry
- Create new links inside the value chain, thereby enabling the societal & economic impact



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## Major application domains



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## Financial Support: Technology Demonstrator (TD) and Technology Transfer Experiments (TTE) call

### Framework

- Only legal entities being SMEs and slightly larger companies from EU and its associated countries (EEA) are eligible for FSTP funding.
- Proposals must clearly state the clinical relevance of and demand for this solution, have a clear linkage to the end-user and should make use of the expertise / services of the DIH-HERO network
- The maximum amount granted per project is:
  - €100,000 for Technology Demonstrators
  - €200,000 for Technology Transfer Experiments
- Payment will be made in instalments (based on proposal and progress reports)



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## Financial Support: Technology Demonstrator (TD) and Technology Transfer Experiments (TTE) call

### Framework

- A consortium must at least consist of:
  - 1 SME/ slightly larger company and 1 end-user from 2 different countries or
  - 2 SMEs/ slightly larger companies from 2 different countries
- The eligible proposals that have been submitted via the portal will be evaluated by external reviewers and ranked upon excellence, impact and implementation.
- For TD: The 35 highest ranked proposals will be awarded
- For TTE: The 20 highest ranked proposals will be awarded



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## Financial Support: Technology Demonstrator (TD) and Technology Transfer Experiments (TTE) call

### Consortium formation

#### Minimum

2 SMEs/ slightly larger companies from 2 different countries or

1 SME/ slightly larger company and 1 end-user from 2 different countries

An end-user in the consortium may not receive any money as the financial support for third parties is targeted to support SMEs and slightly larger company.



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## Financial Support: Technology Demonstrator (TD) and Technology Transfer Experiments (TTE) call

### Proposal content

Any Technology Demonstrator proposal should at least contain the following information

#### 1. Administrative Data

- Contact Data will be collected from all the Technology Demonstrator consortium partners
- TD Key Data
  - Full title of the TD;
  - Short name of the TD;
  - Brief description (Short Abstract of approx. 6 lines)
  - Duration (max. 9 months)
  - Statement on legal agreement describing the rights and duties of each party to be negotiated among TD consortium partners), and
  - Statement on the TD announcement for publication.



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## Financial Support: Technology Demonstrator (TD) and Technology Transfer Experiments (TTE) call

### Proposal content (2)

#### 2. Description of the TD

The description should at least contain the following parts, which also serve as the primary proposal evaluation criteria:

*Excellence (weight 30%) (max. 2 Pages)*

- Ambition of the proposed experiment
- Innovative nature of the technologies, products or services offered
- Soundness of the technical approach
- Novel use of value chains inside and outside healthcare



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## Financial Support: Technology Demonstrator (TD) and Technology Transfer Experiments (TTE) call

### Proposal content (3)

*Impact (weight 40%) (max. 2 Pages)*

- Market opportunity and market readiness level
- Commercial Strategy and Scalability (generation of new business)
- Healthcare Impact (value added, service quality and outcome improvement )
- Economic impact (e.g. cost saving and job transformation, skill enhancement etc.)
- Development of business model and funding plan
- Contribution to and adoption of standards
- Contribution to EU wide adoption of Robotics in Healthcare



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## Financial Support: Technology Demonstrator (TD) and Technology Transfer Experiments (TTE) call

### Proposal content (4)

*Implementation (weight 30%) (max. 2 Pages)*

- End User involvement and alignment with proposal
- Team capabilities and management capacity of action
- Resource utilisation and efficiency

3. TD Budget estimation

4. Questions for statistical purposes



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## Financial Support: Technology Demonstrator (TD) and Technology Transfer Experiments (TTE) call

### Ethical considerations

- The Research activities in Horizon 2020, and hence in DIH-HERO, shall respect fundamental ethical principles, particularly those outlined in “The European Code of Conduct for Research Integrity”.
- Ethical issues might refer to research with respect to e.g. humans, protection and processing of personal data, animals, environmental protection, and safety, etc. If any ethical issues apply to the TD prior to its starting date, they must be addressed in the TD proposal.



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## Financial Support: Technology Demonstrator (TD) and Technology Transfer Experiments (TTE) call

### Eligible cost categories:

- Direct personnel costs
- Direct costs of subcontracting (15% of total budget)
- Other direct costs
  - Travel costs and related subsistence allowances
  - Equipment costs
  - Costs of other goods and services



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## Financial Support: Technology Demonstrator (TD) and Technology Transfer Experiments (TTE) call

### Eligible costs:

The basic criteria for costs to be generally eligible are:

- Costs must be actually incurred by the awarded third party
- Costs must be necessary for implementing the TD or TTE project
- Costs must have been incurred within the project duration of max. 9 months
- Costs must be identifiable and verifiable and recorded in the accounts of the awarded third party, in accordance with the accounting standards applicable in the country where the awarded third party is established and with the awarded third party's usual cost accounting practices.
- Costs must comply with the applicable national law on taxes, labour and social security.
- Costs must be reasonable and justified and must comply with the principle of sound financial management, in particular regarding economy and efficiency (Best-value-for-money principle).

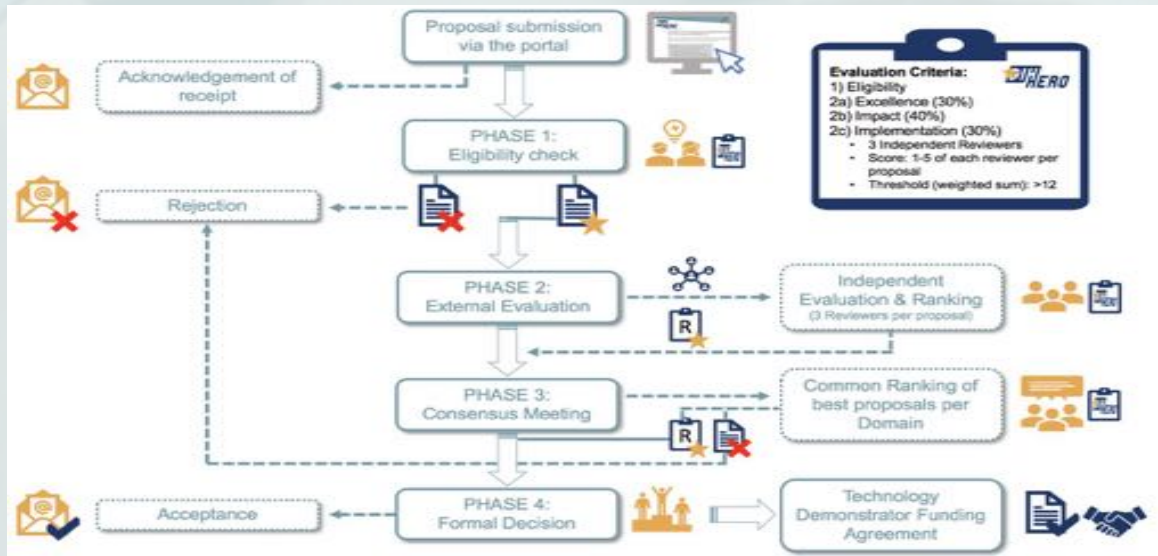


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## Financial Support: Technology Demonstrator (TD) and Technology Transfer Experiments (TTE) call

### Review process



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## Financial Support: Technology Demonstrator (TD) and Technology Transfer Experiments (TTE) call

### Review phases and estimated timeline

- Phase 1: Eligibility check (approx. 2 weeks)
- Phase 2: External Review (approx. 1 month)
- Phase 3: Consensus (approx. 2 weeks)
- Phase 4: Ranking (approx. 1 week)



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## Financial Support: Technology Demonstrator (TD) and Technology Transfer Experiments (TTE) call

### Agreements and Contracting

- The TD partners will have to sign a collaboration agreement
- Once a technology demonstrator proposal has been awarded funding, a funding agreement will be signed between the awarded SME (as coordinator) and the coordinator of the DIH-HERO innovation action, representing the DIH-HERO consortium members.



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## Financial Support: Technology Demonstrator (TD) and Technology Transfer Experiments (TTE) call

### Innovation Coaching

For each FSTP project a tailored package of innovation coaching will be offered by the DIH-HERO consortium, based on the project proposals.

This innovation coaching may e.g. include coaching regarding:

- specific technological areas,
- ethical, legal and business support
- the usage of living labs and test beds.



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# Thank you for your attention!

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**For further information**  
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**[www.diH-hero.eu](http://www.diH-hero.eu)**



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