



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



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# DIH-HERO

## The Challenge



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# DIH-HERO

## Our Mission



**A pan-European  
network for  
Healthcare Robotics**



**Improving the quality of  
care for European  
Citizens while building  
global market potential**



**Connect stakeholders  
and enable them to  
develop innovative  
products**



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## Objectives



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## Key Facts



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## The Project



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## The Project



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## The Project



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## The Core Partners



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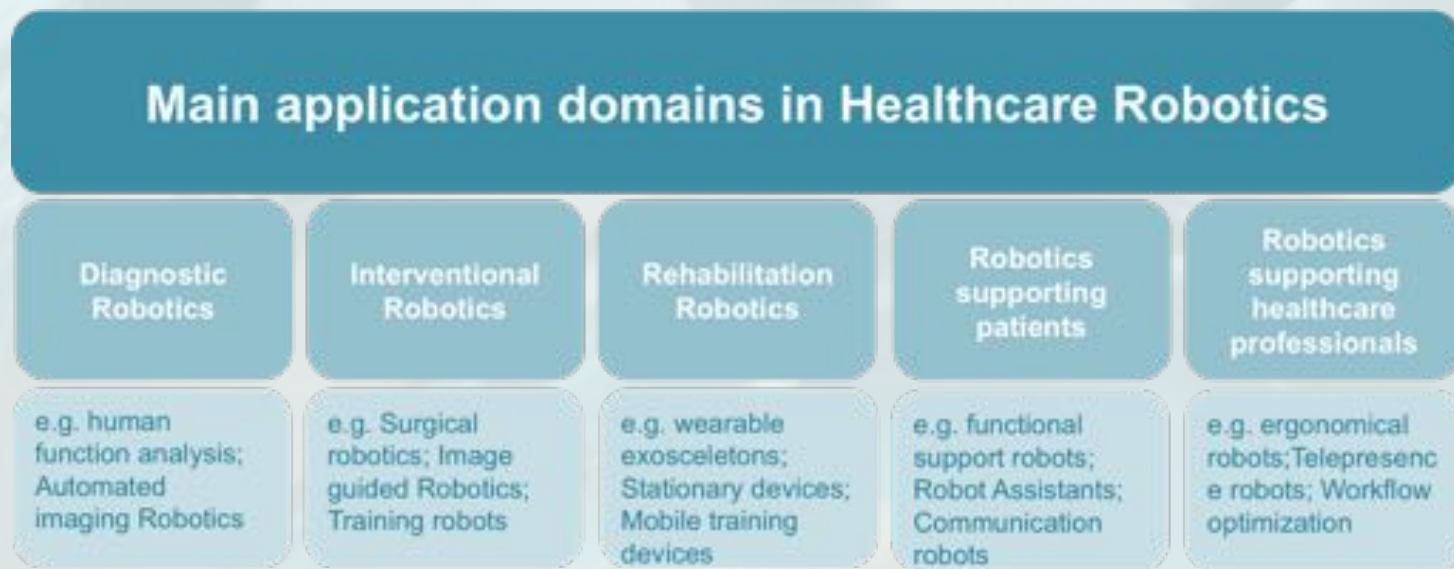
## Role of Core Partners



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## Major application domains



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## Our Services



### Technology Services

Access to prototyping, research and manufacturing know-how and a technology catalog to speed-up your product development



### Business Capital and Incubation

Links to public and private funding services to transform your technology into a market-ready product



### Certification and Go-to-Market Services

Resources to help you understand customer segments, regulations and value chains to create a perfect market entry strategy



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# DIH-HERO

## Our Services



### Test Infrastructure Services

DIH-HERO offers you access to specialized labs and realistic test environments to validate and refine your product or services



### Training and Education Services

DIH-HERO offers healthcare professionals and robotic developers access to knowledge resources for competence building and life-long learning



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# DIH-HERO

## Benefits

- A sustainable platform for all the stakeholders active in the healthcare ecosystem.
- Easy access to information, knowledge and services.
- Extended networking and collaboration opportunities
- Extended innovation opportunities through efficient technology transfer.
- Financial support regarding travelling, technology demonstrators and technology transfer.



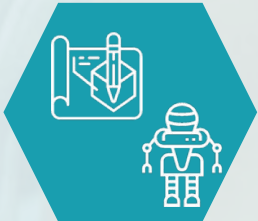
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# DIH-HERO

## Financial Support



**Travel Vouchers**



**Technology Demonstrators**



**Technology Transfer Experiment**



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# DIH-HERO

## 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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# DIH-HERO

## Financial Support: Travel Voucher (TV) call

### Purpose

The 200 travel vouchers for cross-border travelling up to a maximum amount of €2,000 per voucher should:

- Reduce barriers jeopardizing connectivity
- Stimulate knowledge exchange



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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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# DIH-HERO

## 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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# DIH-HERO

## Financial Support: Travel Voucher (TV) call

### Basic Framework

- The 1<sup>st</sup> Travel voucher call is scheduled to be opened on the 15<sup>th</sup> of July 2019.
- The first 200 submitted proposals considered eligible will be awarded a TV of max. €2,000.
- All applications will have to execute a SME self-assessment test.
- Only legal entities being SMEs and operating in the healthcare and/ or robotics sector within the EU and its associated countries (EEA) are considered eligible.
- Every entity is only allowed to submit one proposal per call via the portal.
- The TV can be used during a period of 12 months after awarding.
- Payment will be made on reimbursable basis.



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

### Framework

Technology Demonstrator and Technology Transfer Experiments must be tailored towards at least one of the following application domains in Healthcare Robotics:

- Diagnostic Robotics
- Interventional Robotics
- Rehabilitation Robotics
- Robotics supporting patients
- Robotics supporting healthcare professionals



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# DIH-HERO

## 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



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# DIH-HERO

## 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: Travel Voucher (TV) call

### Qualifying activities

**Cross-border traveling** in order to visit:

- the DIH-HERO brokerage event taking place in October 2019, and/ or
- DIH-HERO conferences / network meetings and/or
- Digital Innovation Hubs of the DIH-HERO consortium in another country to make usage of their services.



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# DIH-HERO

## Financial Support: Travel Voucher (TV) call

### Proposal eligibility criteria (all to be fulfilled)

The applicant must:

- Be a legal entity being an SME from EU / EEA country according to the definition given,
- Be operating in the field of healthcare and/or robotics,
- Not receive more than 300k FSTP during the duration of the entire action.

The proposal must:

- Be written in English language,
- Be submitted via the portal before the deadline,
- Clearly state the purpose of the traveling, the objective and expected outcome of travel.

**There must not be any conflicts of interest!**



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# DIH-HERO

## Financial Support: Travel Voucher (TV) call

### Evaluation criteria

Evaluation will be done according to the First-come-first-served principle.

The submitted proposals will be reviewed upon:

- The date and time of the proposal submission online
- The proposals eligibility for travel vouchers



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## Financial Support: Travel Voucher (TV) call

### Proposal submission process

Any proposal submitted should at least contain the following information:

- Contact information
- Description of the entity including its legal form, its purpose and field of operation (approx. 500 words)
- The purpose of traveling
- The objective and expected outcome of travelling
- Results of the SME self-assessment questionnaire
- Declaration of honor and informed consent for data processing



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# DIH-HERO

## Financial Support: Travel Voucher (TV) call

### Proposal submission process

- Any proposal should be submitted via the portal: [www.dih-hero.eu](http://www.dih-hero.eu)
- Once the proposal has been submitted it cannot be edited any longer.
- A date/ time stamp and a proposal identification number will be generated automatically for each proposal submitted.
- An acknowledgement of receipt will be automatically sent to the applicant's email address.

**This acknowledgement of receipt does not imply that the proposal has been accepted or awarded!**



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# DIH-HERO

## Financial Support: Travel Voucher (TV) call

### Reporting process

- Reimbursable payment up to €2,000 per entity, per call will be made on the basis of receipts of eligible travel costs (according to EC guidelines) in connection with the activities qualifying for financial support
- All applicable receipts will have to be handed in via the DIH-HERO portal.
- All entities awarded will be asked to fill in a questionnaire for reporting after the period of travelling



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# DIH-HERO

## Financial Support: Travel Voucher (TV) call

- Intermediate report on request (approx. six months after agreement signature) and a final report (to be submitted within 30 days at the latest following the end of the validity period of the travel voucher),

Further documents to be handed in:

1. Answers to the questionnaire
2. Copies of original cost invoices and receipts related to travelling.
3. Description and justification of the travel costs declared

All reports must be prepared in English language

The cost report has to be provided in EURO (€).

All Action-related costs issued in another currency, must be converted into EURO (€).



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## Financial Support: Travel Voucher (TV) call

### Eligible costs:

The basic criteria for cross-border travel costs to be generally eligible are:

- Costs must be actually incurred by the awarded third party solely for the given cross-border travel purposes (Cross-border travel costs to visit the brokerage event, to visit a DIH in another country to make use of its services and/or a conference or network meeting organized by DIH-HERO).
- Costs must be necessary for implementing the agreed cross-border travel purposes.
- Costs must have been incurred within the defined period of 12 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 Travel Voucher Call

Case 1: A Polish company fulfilling the description for SMEs is planning to participate in the DIH-HERO brokerage event taking place in the Netherlands at the end of October 2019.

Answer: This proposal is eligible for a TV of DIH-HERO, as an SME is planning to execute an activity qualifying for an TV up to €2,000.



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## Financial support Travel Voucher Call

Case 2: A Danish Midcap wants visit a German digital innovation hub (DIH) to make use of the services it offers.

Answer: Not eligible for a travel voucher of DIH-HERO since although this company wants to visit an DIH in another European country, only SMEs will be awarded a travel voucher in this call.



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## Financial support Travel Voucher Call

Case 3: A German company being an SME according to the criteria would like to use the voucher to take part in a DIH-HERO conference taking place in München.

Answer: Not eligible for a travel voucher of DIH-HERO since although this company is an SME the intended travel is not cross-border.



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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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