

## VMTA Learning case financing Information

### Up to 400 000 SEK in financing for medtech projects

Do you work with medical applications of AI... and thus medical technology (medtech)? Are you involved in medtech R&D? Have you encountered a challenge related to the development, innovation, and/or implementation of medtech that you would like to explore? Have you wondered whether others face the same challenge? Welcome with your application for VMTA Learning case project funding!

### Call for Applications: Learning Case Project Funding – West Sweden MedTech Arena (sv: Västsvensk medicinteknisk arena, VMTA)

#### Background

VMTA is a collaboration between the partners Sahlgrenska University Hospital at Region Västra Götaland (VGR), Sahlgrenska Academy at the University of Gothenburg, and Chalmers University of Technology with financing from said partners as well as Region Västra Götalands Regional Development. We aim to accelerate R&D, innovation, and implementation of medical technology (medtech) from idea to patient value. One of our key strategies for driving progress is the financing of *Learning Case projects*, which tackle practical, project-based barriers and generate actionable insights, enhance processes, and foster stronger collaboration between healthcare, academia, and industry.

#### Objectives

VMTA invites applications for projects aimed at addressing real-world challenges throughout the medtech value chain—from idea to clinical implementation. Each application must serve BOTH of the following objectives.

*VMTA Learning Case Objectives:*

1. At the *project level*, you should develop solutions to practical barriers in the value chain from idea to clinical implementation of *a specific medical technology*. These solutions should thus benefit the applicant/project group.
2. At the *organizational level*, a learning case should generate insights, improve processes, and/or strengthen collaboration *for the medical technology ecosystem*. These learnings must go beyond the immediate scope of the individual project/medtech solution level by informing broader organizational and system-level improvements.

#### Who can apply?

This call is aimed at collaborations between medical and technical experts. The main applicant must be employed at one of the VMTA partner organizations:

- Sahlgrenska University Hospital (SU)
- Sahlgrenska Academy (SA)
- Chalmers University of Technology (CTH)

#### What will we fund?

The application must be submitted by an employee at one of the VMTA partner organizations. Should the project be selected, then the finances will land at that partner organization. It is then the responsibility of that organization to spend the money, i.e., in line with relevant:

- laws and regulations
- aspects of the VMTA partnership agreement established between the partners and Västra Götalandsregionen
- processes, routines, and rules at the respective organization, e.g., with respect to potential sub-contracting, academic+industrial partnership, etc.

Activities that can be funded must target solutions to one or more of the following.

#### *VMTA Challenge Areas*

- Collaboration and coordination, e.g., difficulties in aligning stakeholders in different sectors, in establishing roles and responsibilities, and/or in managing inter-disciplinary and/or inter-sector collaboration.
- Legal and ethical, e.g., uncertainty around data use, informed consent, or ethical requirements and processes.
- Regulatory, e.g., lack of clarity in roles and responsibilities, in intended use classification, or in clinical trial requirements.

#### **Funding Details**

- **Amount:** Up to **400 000 SEK per project**; no co-financing needed.
- **Number of projects:** 2 learning cases per year during this start-up phase (2025–2027).
- **Project duration:** Maximum 12 months.
- **Eligible costs:** Personnel costs (including overhead) within the partner organizations and external consultant fees.

#### **Application Process**

- **Application window:** Next deadline 2026-04-20.
- **Formal requirements:** Applications must be submitted according to the Instructions and Template.

#### **Evaluation**

Applications will be assessed by an evaluation advisory board with representatives from our financiers (the partner organizations and Region Västra Götaland) according to the Evaluation form.

#### **Project report and presentation**

At the end of the project period, a project report and presentation will document and disseminate the practical insights, refined processes, and collaborative models developed during the project *for the benefit of the broader medical technology ecosystem*. By documenting and presenting how specific barriers—such as regulatory ambiguity, ethical considerations, or coordination gaps—were addressed, each learning case should enable other actors in the medtech ecosystem to gain new insights on proven approaches, avoid common pitfalls, and accelerate progress along the value chain from idea to clinical implementation. The goal is to ensure that what is learned locally and practically can be generalized, scaled, and integrated into strategic frameworks, thereby strengthening the overall capacity for medical technology development and implementation across healthcare, academia, and industry.

#### **Informational seminar**

To learn more about VMTA and this Lärandecase call for applications, please join us via Teams.

Where: Teams, see links and info below.

Date: 2025-03-27

Time: 12:00-13:00 (join us over lunch!)

Teams info:

##### **Microsoft Teams-möte**

##### **Join the meeting:**

<https://teams.microsoft.com/meet/35416035064957?p=WRq0iUCdlMbb0EKN4I>

Meeting ID: 354 160 350 649 57

Password: JP9Fc39R

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Need help? System reference

**Dial in by phone**

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[Find a local phone number](#) ett lokalt telefonnummer

Conference ID: 413 315 946#

**Join via a video conferencing device**

Tenant key: [teams@connect.vgregion.se](mailto:teams@connect.vgregion.se)

Video-ID: 127 189 475 3

[More information](#)

**Contact**

For questions regarding the call, please contact:

**Justin Schneiderman**

Coordinator, VMTA

E-mail [vmta@vgregion.se](mailto:vmta@vgregion.se)

Phone+46 76 128 99 36

## VMTA Learning case Application instructions

Read these instructions carefully and in their entirety before starting to work on the Application template. Lack of compliance with these Instructions can be reason to reject your application without evaluation.

- **Language:** Applications should be written in English or Swedish.
- **Writing style:** Keep in mind the evaluators are not likely to be experts in your field.
  - Avoid jargon and overly technical or field-specific terminology.
  - Avoid heavy use of abbreviations. Be sure to spell out all field-specific abbreviations upon first use (excluding the Project title and MT Solution). Abbreviations that are common knowledge (e.g., DNA, MRI, UV, GPS, AI) do not need to be spelled out.
- **Fields:** Be sure to replace all dummy example texts (e.g., “Working name...”, “First name, Last name, ...”, “Lorum ipsum...”, etc.) with the requested information.
- **Document formatting:** Do not change headers, section titles (starting with “Medtech solution:” up to and including “Contributions to Learning Case Objectives:”), fonts, layouts, formatting, or any other document properties in the template. If you are copy+pasting into the template, then be sure to use the “Copy text only” option to avoid changing formatting. In-line format modifications, e.g., bold, italics, super- or subscript, etc. are allowable, but should be used sparingly.
- **Figures:** If you want to include a figure, then the figure caption text should be formatted in the same way as the rest of the body text (Arial, size 11).
- **Length:** The application in its entirety (excluding a potential reference page, see the next bullet) cannot exceed a single page.
- **References:** If needed, up to 10 references can be included in a second page. Use numbered in-line references (like this [1]) and include an additional “References” page (i.e., not footnotes).
- **File format:** Save/export/print in Portable Document Format (.pdf) for submission.
- **Submission:** Submit your application by emailing it:
  - To: [vmta@vgregion.se](mailto:vmta@vgregion.se).
  - Cc: Your first-line manager as well as your medtech counterpart.
  - Subject: Lärandecase project submission “Project title”.
  - Body: Evaluators will only receive the .pdf of your application for evaluation. Do not include supplementary or additional information in the email body as it will not be used in the evaluation process.

## VMTA Learning case Application instructions: Definitions

Use the following definitions

- **Medical Device:** a device (commercial or developed internally by a healthcare provider) that is used in the healthcare system, by patients, or consumers for a medical purpose (from health promotion and disability assistance to clinical interventions). See <https://www.lakemedelsverket.se/en/medical-devices> for more information.
- **Medtech (MT) Solution:** the (potentially broad and/or working) name for the applicant's medtech idea, solution, or long-term goal for a medical device. Time perspective: 5+ years.
- **Project:** Refers to the activities for which financing is sought. Time perspective: 1 year.
- **Need-pull:** Refers to the need(s) of medical/clinical/healthcare professionals, patients and/or citizens (in relation to their health).
- **Tech-push:** Refers to technical advancements, discoveries, breakthroughs, etc. that enable beyond state-of-the-art capabilities for health improvement.
- **VMTA Aim:** To accelerate progress along the medtech value chain from idea to societal value in Western Sweden.
- **VMTA Learning Case Objectives:**
  1. At the *project level*, you should develop solutions to practical barriers in the value chain from idea to clinical implementation of *a specific MT solution*. These solutions should thus benefit the applicant/project group.
  2. At the *organizational level*, a learning case should generate insights, improve processes, and/or strengthen collaboration *for the medical technology ecosystem*. These learnings must go beyond the immediate scope of the individual project/medtech solution level by informing broader organizational and system-level improvements.
- **VMTA Challenge Areas:**
  1. Collaboration and coordination, e.g., difficulties in aligning stakeholders in different sectors, in establishing roles and responsibilities, and/or in managing inter-disciplinary and/or inter-sector collaboration.
  2. Legal and ethical, e.g., uncertainty around data use, informed consent, or ethical requirements and processes.
  3. Regulatory, e.g., lack of clarity in roles and responsibilities, in intended use classification, or in clinical trial requirements.

## VMTA Learning case Application Instructions: Template information

**Project title:** Use a descriptive, but concise, title for the Project. Consider the MT Solution, Need-pull, and/or Tech-push in combination with the Current barrier, Expected outcomes, and/or Contributions to Learning Case Objectives (see below).

**MT Solution:** See previous page → Definitions → Medtech (MT) Solution. If you lack a working name, then use your Need-pull or Tech-push concept.

**Applicant:** The person submitting the proposal, can receive the financing, and who will be responsible for financial and project management/reporting/presentation. Be sure to include all requested information.

**Medtech counterpart:** Select and respond to the case below that fits you best.

- If you are on the need-pull side (e.g., a clinician), then provide the name and full info of your technical counterpart(s).
- If you are on the tech-push side (e.g., an engineer), then provide the name and full info of your medical counterpart(s).

Be sure to include all requested information; this person must also receive a carbon-copy (i.e., be included as a cc recipient) of the email submission of your application. If our medtech counterpart is at the same organization as you are, then briefly clarify their relevant expertise.

**Impact:** MT solution and long-term (5+ year) perspective. Select the case below that best fits. Be specific (provide (estimates of) numbers where possible) and provide scope (geographic, demographic, trends, economy, limits, novelty/originality, etc.) in your response.

- If you are on the need-pull side, then describe the medical/healthcare need, cost, prevalence, etc. and the potential technical solution(s) you envision.
- If you are on the tech-push side, then describe how the technology goes beyond the state-of-the-art and the potential medical/healthcare application area(s) you envision.
- If you already have a medical device in mind, then describe its long-term impact with elements of both cases above.

**Current barrier:** Project and short-term (1 year) perspective. Describe the barrier that cannot presently be addressed with existing support functions, processes, or other financing means. If it is not self-explanatory, then be sure to explain how the barrier fits within the scope of at least one of the VMTA Challenge Areas.

**Activities, roles, and budget:** Project perspective.

- Fill in the table with concise descriptions of what will be done with VMTA financing, who will do it (either a name or the relevant role/function/title of the person that will be paid to do it), and roughly how much it will cost (in thousands of Swedish krona (kSEK)).
- Explain how the combined set of activities address the Current barrier.

**Expected Project-Level Outcomes:** MT Solution perspective. Where will the MT Solution be by the end of the Project (i.e., 1-year financing period)?

**Expected Organizational-Level Outcomes:** How will the partner organizations and medtech ecosystem benefit from this Project? Focus on that which this financing enables.

## Project title

**MT solution:** Working name for your MT solution

**Applicant:** First name(s) Last name(s), Job title, Academic title (if different from Job title), Organization, Institute or equivalent, Department or equivalent, email address, phone number.

**Medtech counterpart:** First name(s) Last name(s), Job title, Academic title (if different from Job title), Organization, Institute or equivalent, Department or equivalent, email address, phone number.

**Impact:** Lorem ipsum...

    Lorem ipsum...

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**Current barrier:** Lorem ipsum...

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**Activities, roles, and budget:** Lorem ipsum...

    Lorem ipsum...

    Lorem ipsum...

Activity	Responsible	Cost (kSEK)
Project management and reporting	John Doe	100
MDR documentation (first drafts of purpose and risk classification, documentation of quality, risk, and data management systems).	Reg. compliance consultant	200
Agreement between Chalmers, SA, and SU for roles and responsibilities in preparation for a clinical study	Lawyers at each partner	100
<b>Total</b>		<b>400</b>

**Expected Project-Level Outcomes:** Lorem ipsum...

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**Expected Organizational-Level Outcomes:** Lorem ipsum...

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## VMTA Learning case Evaluation form

Scores are assigned on a scale from 1 (low) to 5 (high) for each criterion.

### Impact

Addressing the medical/healthcare need, developing the technology for a medical application, or the medtech solution itself has clear potential for long-term impact.

Score (1–5)	Comments

### Current barrier

The current barrier cannot presently be addressed without VMTA financing and is within the scope of at least one of the *VMTA Challenge Areas*. Its treatment demonstrates clear potential to generate transferable insights, address real-world barriers, and contribute to improved processes or structures.

Score (1–5)	Comments

### Activity plan and budget

The project plan is realistic within a 1-year timeframe, with clearly defined and relevant activities, roles, and resource allocation for addressing the Current barrier.

Score (1–5)	Comments

**Expected Project-Level Outcomes**

The expected results are well-defined, measurable, and relevant to advancing the medtech solution towards value.

Score (1–5)	Comments

**Expected Organizational-Level Outcomes**

The expected results are well-defined, measurable, and relevant to the VMTA partner organizations and ecosystem.

Score (1–5)	Comments