



PHOTONICS PUBLIC PRIVATE PARTNERSHIP



**H2020 - 688265**

**MIRPHAB**

MidInfraRed Photonics devices fABrication for  
chemical sensing and spectroscopic applications

# MIRPHAB Support & Services

How it works;

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## How it works:

### Expression of interest

To access MIRPHAB Support and Services, Companies should initiate the application process by registering their name, provide basic company information and give a short description of the project to be realized. Online registration is done directly on the MIRPHAB website by filling the template proposed. Company registration can be done any time and will give access to the Newsletter.

### Submit an application

Once registered, Companies can submit Applications via the MIRPHAB website by accessing the dedicated area. Access to MIRPHAB is open to all European and non-European companies. However, only European can request a grant to partially support prototyping actions according to the rules and the criteria stated within MIRPHAB.

The submission of an application is simple and easy. The applicant has to describe its project by following a template document guiding the preparation and indicating technical, market and impact information to be provided in the application. The applicant can make reference the list of modules available made available by the within MIRPHAB when proposing a customized implementation.

The template document can be downloaded from the website or by following this link: <http://access.mirphab.eu/wp-content/uploads/2017/01/MIRPHAB-Access-Form-V2-Eng.docx>. It should be noted that applications requesting the financial support of MIRPHAB have to complete specific sections of the document providing exhaustive information on the business case foreseen by the applicant with the requested development.

## Evaluation of the Submitted Applications

The applications received will be evaluated by a Proposal Evaluation Group (PEG). Proposals will be assessed in accordance with the published evaluation criteria which are designed to drive the selection procedure. The PEG will also assign to each proposal a member of the Consortium as Chief Technical Contact to coordinate the

technical exchanges with the Pilot Line User during all phases of the selection and execution processes.

All proposals should be in accordance with the EC policies, rules of access to EC funded initiatives, with the goals of the call and with the objectives of MIRPHAB project. If this criterion is not fulfilled, the proposals will not be considered for further evaluation.

For each proposal, the innovation content and technical feasibility will be evaluated according to the MIRPHAB criteria. Proposals scoring more than 5/10 on criteria #2 to #4 will be accepted for the project implementation within the Pilot Line. Proposals failing to achieve the minimum threshold may be modified and re-submitted later.

Proposals requesting a support grant from MIRPHAB will also be evaluated and noted for criteria #5 and #6. The selected ones will be granted with up to 230 K€ to be spent with the Pilot Line to design, prototype and test specific devices according the requirement of the applicant. However, it is reminded that the grant will not cover all the expenses generated to realize the prototypes and the applicant will be requested to contribute to the costs.

## Contractualization

When a project is approved either with or without the grant support from MIRPHAB, the next step is the preparation and the signature of a contract document between all of the relevant parties to the project. The contract will be based on a standard MIRPHAB contractualization template. The contract will include the Technical Application Document, the Statement of Work with the planning for the execution and the Quotation Offer detailing the costs and the billing plan. It is reminded that the expenses generated to realize the prototypes will be charged to the applicant. If the project has been awarded with a MIRPHAB grant, the grant amount will be deducted from the quotation offer.

The contractualization process is coordinated and administered by the Broker (CMP) on behalf of all the parties, and may be completed as quickly as possible up to a maximum of 3 months after the date of approval, otherwise MIRPHAB reserves the right to have its proposed support withdrawn. All parties are advised that the contract signing should be completed before the start of the project since any costs incurred in the absence of a contract cannot be reimbursed.

## Project Execution & Follow-Up

Once the contract is signed, the project will officially start with a formal kick-off meeting between the applicant and the project team members. The Chief Technical Contact will coordinate the realization process from design to test. Progresses in the realization process will be communicated to the company with formal Progress Reports at specific intervals till the delivery of the prototypes and/or of pre-series devices.

## Who can apply:

MIRPHAB is established as an open access program for Companies aiming to lead innovation projects in mid-IR optical sensing. Companies directly engaged in developing and commercializing systems and products for chemical sensing which can incorporate photonics for enhanced functionality can apply for MIRPHAB support for design, fabrication and test of innovative Mid-IR miniaturized devices. MIRPHAB will assist the development from the prototyping phase to the industrialization via small-series fabrication.

To submit an application follow the procedure described in “How it works” section-

All of the following criteria must be fulfilled in order to have a project proposal evaluated by MIRPHAB:

- The proposal should be in accordance with the EC policies, rules of access to EC funded initiatives, with the goals of the call and with the objectives of MIRPHAB project. A summary of these guidelines can be found at (link to be defined)
- The proposer must be a Company. Proposal coming from other organizations will not be considered for the evaluation;
- the Project Proposal submitted for evaluation must be complete, i.e. all of the required information should be provided with the request level of detail as specified in the document template;
- The company must confirm their agreement with a shared understanding about the IPR issues (related to foreground and background know-how);
- The company must confirm that its legal officers have an understanding about the disclosure of confidential information that might be shared for the sole purpose of the MIRPHAB activities. It has also to be agreed that partners involved in the realization are committed to confidentiality and that none of the information receives will be transmitted to third parties;
- Only Companies having a European identity can apply for a MIRPHAB Grant. Non-European companies may apply to access to Pilot Line fabrication but will not be entitled to receive any financial support from MIRPHAB and the expenses generated by design, fabrication and test of devices will be charged to the applicant;

## Evaluation criteria

An overview of the different evaluation criteria and the scoring system is provided below together with the associated score. Each criterion is scored with a value from 0 (poor) to 10 (excellent). The threshold for each criterion is 5/10, below which the proposal will be rejected. In establishing the final score, the criteria have a different weight (for example: if the weight is 1.5, then the maximum achievable under this criterion is 15 points in total).

1. Feasibility of the prototypes within MIRPHAB (Weight: 1.5)
2. Contribution to the setup of the pilot line capabilities, support to advancement of the pilot line maturation, progresses in the pilot line organization, trigger for major improvements in the day-by-day operability (Weight: 2.0)

3. Innovation content and progress beyond state of the art foreseen by the proposal (weight: 1.5)
4. Involvement and business/technical commitment of the proposer (Weight: 1.0):
5. Consistency of the business case: the value added to the business case for the pilot line as well as the product market potential (Weight: 1.0)
6. Have clear path to the demonstration phase (Weight: 1.0)