**2023 Melexis call for proposals   
to accelerate innovations in sensors for health and wellbeing**

**Writing Proposition Template**

**Deadline submission: Saturday 4 November 2023 at 23:59.**

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| **Project title** |  |
| **Responsible (main) applicant**  Name, Position,  Institution, Contact details |  |

**Project description (11pt Arial font, 1.5 line spacing)**

*The following subsections should be presented on a maximum of 5 pages.*

**Objectives**

Describe the general objective of the project and how it addresses an unmet need in the area of digital health and/or wellbeing.

**Sensing Concept**

Describe and illustrate with diagrams the sensing concept, elaborate how you will make a demonstrator, describe where you see the main risks, what you will do to assess those risks, explain how mixed signal microelectronics and/or MEMS/NEMS technologies are needed for your solution.

**Expertise / prior work**

Describe your prior work and expertise in regard to the proposal submitted. Elaborate on the uniqueness of your solution. Explain what is superior with respect to: existing solutions, performance, cost, easiness to use/implement or else. We suggest adding a performance metric to support the explanation and comparison about to the state of the art.

**High-volume use case**

Describe at least one high-volume application use case for your solution. Explain if you can bring potential key companies (lead customers) in the project along the value chain which could help defining requirements and/or validating a demonstrator.

**Timeline and estimated budget**

Articulate your project into a high-level plan, describing the different work packages with associated deliverables, timeline estimate, and budget needed. Indicate, when relevant, when validation from potential and/or discussion with users along the value chain can be made.

**Background IP to be used**

Please note that to the extent possible, used of Background IP should be avoided in the project proposal (i.e. *‘any intellectual property obtained, whether or not by the EPFL and/or any of its professors, research collaborators and/or students, before, after and/or outside the proposed project.*’). In case it is unavoidable, the specific Background IP needs to be listed explicitly and exhaustively in the proposal. If Melexis opts for a proposal where Background IP is involved, a separate license agreement will need to be concluded.