

# EIT HEALTH WILD CARD PROJECTS

## CALL FOR APPLICATIONS 2018

DEADLINE 9 MARCH 2018, 17:00 CET

### SECTION 1: GENERAL PROVISIONS

#### 1.1. Purpose of the Call for Applications

Wild Card Projects seek to transform healthcare delivery through attracting the best and the brightest talents to solve some of healthcare's greatest challenges. Challenges are problems that are still unsolved, inefficiently solved or delivered in a very expensive or inconvenient format. Through the Wild Card Projects, EIT Health will support high-risk innovative ideas with transformative potential on healthcare, as set out by EIT Health partners.

#### 1.2. Challenges

EIT Health sets two challenge areas for the 2018 Wild Card Projects Call for Applications:

##### Challenge 1:

##### **SMART HEALTH: How to transform medical diagnostics with artificial intelligence and big data?**

The **SMART HEALTH** challenge sets the task of building new solutions that use artificial intelligence (AI) to quickly interpret large, unstructured data sets within existing regulatory frameworks, allowing healthcare professionals across the EU to improve patient care. Currently, 80% of the existing healthcare data is created and stored in non-clinical settings (personal apps, unconnected medical devices, websites, wearables, etc).

**This challenge seeks to deliver innovative solutions for these main stakeholders:** patients, regional authorities, hospitals and clinics, insurance companies.

**The SMART HEALTH challenge will be addressed by the best performing solution** (we aim for non-pharmaceutical solutions) as measured by the following criteria:

- Number of countries and datasets connected;
- Volume of algorithms created (backed by Evidence-Based Medicine);
- Number of providers involved.

In addition, the winning solution must:

- Be cross-border: the solution needs to connect data sets from five different countries, from at least two levels (primary care, hospital, social), and from clinical as well as non-clinical setting (apps, wearables, devices, etc.);
- Access real-time data, not just data repositories;
- Be used by HPCs in clinical settings, not just researchers.

**Challenge 2:**

**FIGHT BACK: How to manage antibiotic resistance in European healthcare?**

The **FIGHT BACK** challenge tasks entrepreneurs with building innovative solutions to take on antibiotic resistance.

The most effective solution must aim at introducing new processes and methodologies to address it across healthcare landscape. This challenge seeks non-pharmaceutical solutions.

**This challenge seeks to deliver innovative solutions for these main stakeholders:** patients, healthcare providers (e.g. hospitals, primary care centres, and clinics), insurance companies.

**The FIGHT BACK challenge will be addressed by the best performing non-pharmaceutical solution to fight antibiotic resistance by:**

- Developing and implementing effective surveillance systems;
- Developing systems and methodologies for early detection of new emerging threats to predict the spread of resistant bacteria and to validate these predictions based on updated data and preventive measures;
- Increasing infection control measures;
- Ensuring that antibacterial therapies are used in sustainable manner;
- Improving equitable and responsible access to antibacterial therapies;

**SECTION 2: APPLICATION PROCESS**

**2.1. Eligibility criteria**

Applicants must hold a European Union citizenship (EU Member State, their outermost regions, overseas countries or territories linked to the Member States), Horizon 2020 associated countries, or be permanent residents of one of the countries listed [here](#).

Applicants shall possess full professional English language proficiency. English is EIT Health working language.

**2.2. Applicant profile**

EIT Health is looking for the best and the brightest talent in Europe to form teams composed of individual members with three different profiles:

- **Technical Lead:** focuses on the available technology options, requirements and architectural issues. It needs to be someone with extensive experience with technology or science, which will be at the centre of the proposed solution;
- **Clinical Lead:** focuses on the medical and healthcare delivery issues (can be a practicing physician, clinical department manager);
- **Business Lead:** focuses on the overall business objectives, customer definition, business plan, etc. It needs to be someone with business expertise. It would be an advantage if you previously had entrepreneurial experience.

An MBA is NOT required. Deep market expertise in the related area will be valued.

Each applicant is applying in an individual capacity and can only submit one application for review.

### 2.3. Scope of application

Applications must be completed and submitted via the online electronic submission system before the deadline of the call on 9 March 2018 at 17:00 CET. All application documents must be formulated in English.

To be considered complete, your electronic application form must be submitted with the following documents:

- Prioritised Curriculum Vitae (2 pages maximum);
- Motivation letter, elaborating on your reasons for applying (1 page);
- A 3-minute video with 3 sections – a) presenting yourself, b) explaining your motivation for applying, and c) outlining the uniqueness of your approach/solution (should you have one).

Individuals and small teams – up to 3 people, can apply to participate in the programme. Members of a small team must fill in the application form individually and indicate fellow applicants as remaining team members. EIT Health reserves the right not to invite all team members to project phase.

## SECTION 3: SELECTION PROCESS

### 3.1. Evaluation criteria

There are 4 selection criteria by which every application will be evaluated:

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| <b>1. Domain knowledge:</b>   |
| <p>Individuals will be evaluated by their level of expertise and level of excellence in:</p> <ul style="list-style-type: none"> <li>- Science and/or Technology for the Technical Lead;</li> <li>- A Clinical Area or Disease Area for the Clinical Lead;</li> <li>- Entrepreneurial experience and/or market/industry knowledge for the Business Lead.</li> </ul>  |
| <b>2. Uniqueness of approach:</b>   |
| <ul style="list-style-type: none"> <li>- Ideas should use innovative and unique approaches to solve the challenges. For example, applying existing knowledge in a new way or in a different context, or applying new knowledge to solve challenges with a different approach;</li> <li>- Solutions need to transform the current paradigm – we are looking for 100% improvements for the industry.</li> </ul> |
| <b>3. Feasibility of the idea and potential for scalability:</b>  |
| <ul style="list-style-type: none"> <li>- Ideas should be feasible in terms of the science and/or technology involved, the timeline and the resources required;</li> <li>- Ideas should be possible to scale. That is, it should be possible to implement the results in multiple healthcare settings (regions/countries).</li> </ul>  |

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| <p><b>4. Impact:</b></p> <p>Solutions must create impact in the following metrics:</p> <ul style="list-style-type: none"> <li>- Improving patient-centred outcomes (clinical and non-clinical);</li> <li>- Increasing healthcare system efficiency: either achieving more with the same budget or achieving the same with less budget;</li> <li>- Granting access to healthcare services (more people accessing the healthcare system).</li> </ul> |
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### 3.2. Selection Committee

EIT Health will engage external independent expert evaluators and representatives from EIT Health Partners, who contributed to formulation of Wild Card Challenges, to participate in the talent selection process.

### 3.3. Selection process



**Step 1. Submission** – On or before the deadline (9 March 2018, 17:00 CET) applicants submit their application via the online electronic submission system, ensuring their application is complete. The application can be edited before the deadline, but no amendments or additions/supplements shall be accepted after the deadline. EIT Health discloses the names of the applicants and other parts of the application to members of staff or external experts (see below) on a ‘needs-to-know’ basis.

**Step 2. Formal and eligibility check** – After the submission deadline, EIT Health staff perform a formal complete and eligibility check for all submitted applications and informs the applicants, by email, of the outcome of their submission within one (1) week following the application deadline. Applications that do not fulfil the eligibility criteria are rejected from the selection process. EIT Health staff will inform remaining applicants by email about the status of their application (eligible, sent for review).

**Step 3. Evaluation & confidentiality** – The evaluation is conducted with the support of qualified, independent experts and EIT Health Partners who proposed the challenges. EIT Health controls for conflict of interest and treats information confidentially<sup>1</sup>.

<sup>1</sup> “Confidential Information” means any information disclosed by EIT Health to the experts. EIT Health and the experts must treat confidentially any information and documents, in any form (i.e. paper or electronic), disclosed in writing or orally in relation to the evaluation. The experts undertake to observe strict confidentiality in relation to their services. To this end, the expert must not use or disclose, directly or indirectly, confidential information or documents for any purpose other than fulfilling their obligations in connection with the evaluation process without prior written approval of the contracting party. Any material /documents/reports/deliverables are made available either on paper or electronically to the experts who then work from their own or other suitable premises, he/she will be held personally responsible for maintaining the confidentiality of any documents or electronic files sent and for returning, erasing, or destroying all confidential documents or files upon completing the evaluation as instructed.

**Step 4. Online interviews with shortlisted candidates** – Shortlisted candidates are invited for online interview to present their idea to independent experts. The interviews will take place 15 - 27 March 2018. Shortlisted candidates/teams are notified in advance to schedule the interview. Combining the application evaluation score and the result of the interview, the Selection Committee draws a list of applicants invited to the tournament and the reserve list for each challenge. The chair of the Selection Committee is responsible for finding consensus on the final score of each application. Before 4 April 2018, all interviewed applicants will receive an email with information regarding whether they are progressing to the tournament phase or not.

**Step 5. Tournament** – A maximum fifteen (15) applicants per challenge are invited for a one (1) week tournament which will take place 16 - 20 April 2018 at a location to be confirmed in due course. The tournament will take the form of a 5-day intensive training, where applicants will be able to challenge their idea, develop it further in collaboration with other participants and under supervision of experts. Applicants will form teams which, by the end of the tournament, will pitch their project ideas before the Judging Panel.

**Step 6. Awarding Wild Card Projects** - The tournament stage will provide input to the selection process for determining the winners. After the tournament is finished, the Selection Committee will meet to make a final decision on which people/teams are the winners. Individuals that apply as a team will be considered as a team. Individuals that apply alone will make the final decision on joining a team or not. The decision will be communicated via email to all tournament participants.

EIT Health is not obliged to provide formal feedback to any applicant on their application.

## **SECTION 4: PARTICIPANT OPPORTUNITIES**

### **4.1. Scope of support of EIT Health**

EIT Health leverages the expertise of organisations spanning key areas of healthcare - such as pharma, medtech, payers, research institutions and universities. Connecting our partners' knowledge and competence, EIT Health accelerates collaborations in cutting-edge projects, develops health education and speeds up new business development.

Start-ups created within the Wild Card Project framework will become a part of the unique pan-European partnership which serves as a catalyst for healthcare innovation and cooperating to facilitate new solutions and technologies that benefit European citizens.

Wild Card Projects will be offered a vast range of services provided by EIT Health incubators and accelerators located all around Europe. EIT Health aims at welcoming new innovation ventures through Wild Card Projects and offering them the most

flexible and comprehensive form of support. The full list of institutions and their services offered is available on the website: <http://wildcard.eithealth.eu/incubators/>

#### **4.2. Mentorship and supervision**

Each of the Wild Card Projects will have a Lead Mentor, who will work with them regularly. The Lead Mentor will spend a significant number of working hours helping the Wild Card Projects to become successful endeavours.

In addition, EIT Health will provide three different types of mentors:

- Domain expertise mentors: individuals or groups with deep domain expertise in technology or science;
- Business mentors: experienced executives who will provide business and management insights to the teams;
- Organisational coaches: coaches with experience in helping teams develop and transform into high performing teams.

### **SECTION 5: ADMINISTRATIVE REGULATIONS**

#### **5.1. Start and duration of the Project**

The projects are expected to start no later than 15 October 2018. The projects will receive continuous financial and operational support from EIT Health incubators and EIT Health network for the maximum period of 24 months.

#### **5.2. Financing, Reporting and Project Management**

For detailed provisions on financing, reporting and project management please refer to the Terms of Reference and Frequently Asked Questions (FAQ), found on the website: <http://wildcard.eithealth.eu/>