Innovation record template

NHS Innovation service

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# Instructions

## Document structure

This innovation record template contains 8 sections. The first section collects basic information about you and your organisation. The following 7 sections each contain a number of questions about your innovation.

# 1. About your innovation

## 1.1 Description of innovation

### Please provide a short description of your innovation

Please use no more than 500 characters (including spaces).

Click here to enter text.

### Do you have a working product, service or prototype?

By this, we mean something that performs the same function that the final product or service would.

|  |  |
| --- | --- |
|  | Yes |
|  | No |

We’re asking the following five questions so that we can find the organisations and people who are in the best position to support you.

### Choose all categories that can be used to describe your innovation

|  |  |
| --- | --- |
|  | Medical device |
|  | Pharmaceutical |
|  | Digital (including apps, platforms, software) |
|  | Artificial intelligence (AI) |
|  | Education or training of workforce |
|  | Personal protective equipment (PPE) |
|  | Other: Click here to enter text. |

### Is your innovation relevant to any of the following areas?

|  |  |
| --- | --- |
|  | COVID-19 |
|  | Data, analytics and research |
|  | Digitalising the system |
|  | Improving system flow |
|  | Independence and prevention |
|  | Operational excellence |
|  | Patient activation and self-care |
|  | Patient safety and quality improvement |
|  | Workforce resource optimisation |

### Which clinical areas does your innovation impact on?

|  |  |
| --- | --- |
|  | Acute & emergency services |
|  | Ageing |
|  | Cancer |
|  | Cardiovascular, endocrine & metabolic (cardiometabolic) |
|  | Children and young people |
|  | Disease agnostic solution |
|  | Gastroenterology, kidney and liver |
|  | Infection and inflammation |
|  | Maternity and reproductive health |
|  | Mental health |
|  | Neurology |
|  | Population health |
|  | Respiratory |
|  | Urology |
|  | Workforce and education |

### In which care settings is your innovation relevant?

|  |  |
| --- | --- |
|  | Ambulance or paramedic |
|  | Community |
|  | Hospital - inpatient |
|  | Hospital - outpatient |
|  | Mental health |
|  | Patient’s home |
|  | Pharmacy |
|  | Primary care |
|  | Social care |

### What's the main purpose of your innovation?

Please select one.

|  |  |
| --- | --- |
|  | Preventing a condition or symptom from happening or worsening |
|  | Predicting the occurrence of a condition or symptom |
|  | Diagnosing a condition |
|  | Monitoring a condition, treatment or therapy |
|  | Providing treatment or therapy |
|  | Managing a condition |
|  | Enabling care, services or communication |
|  |  |

### What type of support are you currently looking for?

Select up to 5 options. Your answer will help us to establish your primary point of contact if you choose to sign up for the innovation service.

|  |  |
| --- | --- |
|  | Adoption |
|  | Health technology assessment |
|  | Bringing my product to or from the UK |
|  | Clinical trials and testing |
|  | Commercial support and advice |
|  | Procurement |
|  | Product development and regulatory advice |
|  | Real-world evidence and evaluation |
|  | Understanding funding channels  or |

|  |  |
| --- | --- |
|  | I'm only looking for information right now |

## 1.2 Value proposition

### Have you identified what problem the innovation will tackle (also known as 'value proposition')?

This is a simple statement that summarises your innovation, shows how it's different and documents the value that it brings to the customer.

|  |  |
| --- | --- |
|  | Yes |
|  | No |
|  | I’m not sure |

### What problem does your innovation tackle?

Please use no more than 500 characters (including spaces).

Click here to enter text.

#### Example problem description

"The process of checking a patient’s pulse to determine if there is atrial fibrillation using a finger and a watch is inherently inaccurate."

### What are the consequences of the problem?

Please use no more than 500 characters (including spaces).

Click here to enter text.

#### Example consequence description

"Using this method approximately 25% of patients are not referred to secondary care who should be (false negative) and 15% of patients who are referred are referred unnecessarily (false positive). For those patients who are not picked up at this stage, their underlying disease will progress before being correctly diagnosed."

### What’s the intervention?

Please use no more than 500 characters (including spaces).

Click here to enter text.

#### Intervention description guidance

Describe your improvement. What will happen differently? How might that lead to a reduction of the consequences of the problem?

### What’s the impact of the intervention?

Please use no more than 500 characters (including spaces).

Click here to enter text.

#### Example impact description

"A 20% reduction in emergency referrals from care homes to the Emergency Department. For a mid-sized Clinical Commissioning Group covering a population of 250,000, this would equate to 150-200 referrals per year."

# 2. Needs, benefits and effectiveness

## 2.1 Detailed understanding of needs

### Who does your innovation impact?

We're asking this to understand if we should ask you specific questions about patients and/or healthcare professionals. Your answer will impact which questions we ask in other sections.

|  |  |
| --- | --- |
|  | Patients or citizens |
|  | Clinicians, carers or administrative staff |

### What patient population or subgroup does this affect?

We'll ask you **further questions about each answer** you provide here. If there are key distinctions between how your innovation affects different populations, be as specific as possible. If not, consider providing as few answers as possible.

|  |  |
| --- | --- |
| Population 1 | Click here to enter text. |
| Population 2 | Click here to enter text. |
| Population 3 | Click here to enter text. |
| Population 4 | Click here to enter text. |
| Population X | Click here to enter text. |

### What condition best categorises each population or subgroup?

|  |  |
| --- | --- |
| Population 1 | Click here to enter text. |
| Population 2 | Click here to enter text. |
| Population 3 | Click here to enter text. |
| Population 4 | Click here to enter text. |
| Population X | Click here to enter text. |
|  |  |

## 2.2 Detailed understanding of benefits

### Have you identified the specific benefits that your innovation would bring?

For example, your innovation could help reduce cost, benefit the public, improve the quality of healthcare or address a specific issue.

|  |  |
| --- | --- |
|  |  |

|  |  |
| --- | --- |
|  | Yes |
|  | Not yet |
|  | Not sure |

|  |  |
| --- | --- |
|  |  |

### What benefits does your innovation create for *patients or citizens*?

|  |  |
| --- | --- |
|  | Reduces mortality |
|  | Reduces need for further treatment |
|  | Reduces adverse events |
|  | Enables earlier or more accurate diagnosis |
|  | Reduces risks, side effects or complications |
|  | Prevents a condition occurring or exacerbating |
|  | Avoids a test, procedure or unnecessary treatment |
|  | Enables a test, procedure or treatment to be done non-invasively |
|  | Increases self-management |
|  | Increases quality of life |
|  | Enables shared care |
|  | Other |

### What benefits does your innovation create for *the NHS or social care*?

|  |  |
| --- | --- |
|  | Reduces the length of stay or enables earlier discharge |
|  | Reduces need for adult or paediatric critical care |
|  | Reduces emergency admissions |
|  | Changes delivery of care from secondary care (e.g. hospitals) to primary care (e.g. GP or community services) |
|  | Change in delivery of care from inpatient to day case |
|  | Increases compliance |
|  | Improves patient management or coordination of care or services |
|  | Reduces referrals |
|  | Takes less time |
|  | Uses no staff or a lower grade of staff |
|  | Leads to fewer appointments |
|  | Is cost saving |
|  | Increases efficiency |
|  | Improves performance |
|  | Other |

**What environmental sustainability benefits does your innovation create?**

|  |  |
| --- | --- |
|  | There are no significant environmental sustainability benefits associated with my technology |
|  | Less energy is used |
|  | Less raw materials are used |
|  | Reduces greenhouse gas emissions (including CO2 emissions) |
|  | Reduces the use of single use plastics |
|  | Minimises waste |
|  | Lower environmental impact (e.g. less travel, better use of NHS resources) |
|  | Reduces or optimizes finite resource use (e.g. water, metals) |
|  | Can be readily recycled or uses recycled materials |
|  | Other |

**Please explain how you have considered accessibility and the impact of your innovation on health inequalities.**

Please use no more than 500 characters (including spaces).

Click here to enter text.

**What steps have you taken to better understand and alleviate potential negative impacts of your solution on accessibility and health inequalities**

Please use no more than 500 characters (including spaces).

Click here to enter text.

## 2.3 Evidence of effectiveness

### Do you have evidence of effectiveness for your innovation?

|  |  |
| --- | --- |
|  | Yes |
|  | In progress |
|  | Not yet |

# 3. Business opportunity

## 3.1 Market research

### Have you done market research so that you understand the need for your innovation in the UK?

|  |  |
| --- | --- |
|  | Yes |
|  | I’m currently doing market research |
|  | Not yet |

#### What we mean by market research

There are different methodologies available and could include a mix of the following:

* In-depth interviews
* Focus groups
* Telephone interviews
* Patient Record Forms (PRFs)
* Computer-assisted telephone interviews
* Online surveys
* Market research of online communities
* Ethnography

### Please describe the market research you've done, or are doing, within the UK market landscape

Please use no more than 500 characters (including spaces).

Click here to enter text.

## 3.2 Intellectual property

### Do you have any patents for your innovation?

See [Innovation guides (opens in new window)](https://stage.innovation.nhs.uk/innovation-guides/advanced-innovation-guide) for more information about intellectual property.

|  |  |
| --- | --- |
|  | I have one or more patents |
|  | I have applied for one or more patents |
|  | I don’t have any patents, but believe I have the freedom to operate |

### Do you have any other intellectual property for your innovation?

|  |  |
| --- | --- |
|  | Yes  Intellectual property name: Click here to enter text. |

|  |  |
| --- | --- |
|  | No |

# 4. Standards and certifications

## 4.1 Standards and certifications

### Do you know which standards and certifications apply to your innovation?

See [Innovation guides (opens in new window)](https://stage.innovation.nhs.uk/innovation-guides/advanced-innovation-guide)for more information about regulations and standards.

|  |  |
| --- | --- |
|  | Yes, I know all of them |
|  | Yes, I know some of them |
|  | No |
|  | Not relevant |
|  |  |
|  |  |

### Which standards and certifications apply to your innovation?

CE/UKCA

|  |  |
| --- | --- |
|  | Non- medical device |
|  | Class I medical device |
|  | Class IIa medical device |
|  | Class IIb medical device |
|  | Class III medical device |

In-vitro diagnostics

|  |  |
| --- | --- |
|  | IVD general |
|  | IVD self-test |
|  | IVD Annex II List A |
|  | IVD Annex II List B |

|  |  |
| --- | --- |
|  | Marketing authorisation |
|  | Care Quality Commission (CQC) registration |
|  | Digital Technology Assessment Criteria (DTAC) |
|  | Other |

### Have you achieved certification for Class I medical device?

|  |  |
| --- | --- |
|  | Yes |
|  | I’m in the process of gaining approval |
|  | Not yet |

### Have you achieved certification for Class IIa medical device?

|  |  |
| --- | --- |
|  | Yes |
|  | I’m in the process of gaining approval |
|  | Not yet |

### Please upload any documents demonstrating your certifications

The files must be CSV, XLSX, DOCX or PDF.

# 5. Care pathway and testing with users

## 5.1 Current care pathway

### Do you know what the current care pathway (current practice) is across the UK?

For example, your innovation could help reduce cost, benefit the public, improve the quality of healthcare or address a specific issue.

|  |  |
| --- | --- |
|  |  |
|  | Yes |
|  | No |
|  | Not relevant |
|  |  |

### What is the current care pathway in relation to your innovation?

|  |  |
| --- | --- |
|  | There is a pathway, and my innovation changes it |
|  | There is a pathway, and my innovation fits in it |
|  | There is no current care pathway |

### Please describe the potential care pathway with your innovation in use

Please focus on any areas that will be impacted by introducing your innovation to the care pathway. Please use no more than 500 characters (including spaces).

Click here to enter text.

## Thinking about the current care pathway in the UK for d, which option best describes your innovation?

|  |  |  |
| --- | --- | --- |
|  | The only option, or first of its kind | |
|  | A better option to those that already exist | |
|  | An equivalent option to those that already exist | |
|  | Fit for purpose and costs less | |
|  | I don't know | |
|  | |

## 5.2 Testing with users

### Have you tested your innovation with users?

Testing can mean involving patients, carers, clinicians or administrators in the design process.

|  |  |
| --- | --- |
|  | Yes |
|  | I’m in the process of testing with users |
|  | Not yet |

### What kind of testing with users have you done?

This can include any testing you've done with people who would use your innovation, for example patients, nurses or administrative staff.

#### Testing with users 1

##### Type of testing

Click here to enter text.

##### Brief description of method and key findings

Click here to enter text.

#### Testing with users 2

##### Type of testing

Click here to enter text.

##### Brief description of method and key findings

Click here to enter text.

#### Testing with users 3

##### Type of testing

Click here to enter text.

##### Brief description of method and key findings

Click here to enter text.

#### Testing with users 4

##### Type of testing

Click here to enter text.

##### Brief description of method and key findings

Click here to enter text.

#### Testing with users 5

##### Type of testing

Click here to enter text.

##### Brief description of method and key findings

Click here to enter text.

### Please describe the testing and feedback for User 1

Please use no more than 500 characters (including spaces).

Click here to enter text.

### Please describe the testing and feedback for User 2

Please use no more than 500 characters (including spaces).

Click here to enter text.

### Please describe the testing and feedback for User 3

Please use no more than 500 characters (including spaces).

Click here to enter text.

### Please describe the testing and feedback for User 4

Please use no more than 500 characters (including spaces).

Click here to enter text.

### Please describe the testing and feedback for User 5

Please use no more than 500 characters (including spaces).

Click here to enter text.

### Please upload any documents demonstrating the testing you have done with users

The files must be CSV, XLSX, DOCX or PDF.

# 6. Cost, savings, and benefits

## 6.1 Cost of your innovation

### Do you know what cost savings your innovation would create?

By cost, we mean the cost to the NHS or any care organisation that would implement your innovation.

|  |  |
| --- | --- |
|  | Yes, I have a detailed estimate |
|  | Yes, I have a rough idea |
|  | No |

### What’s the cost of your innovation?

For example, this could be expressed as the annual cost to an organisation in relation to the number of patients or people who would benefit from it.

Please use no more than 500 characters (including spaces)

Click here to enter text.

### Roughly how many patients in d would be eligible for your innovation?

This question forms part of the data required for NICE guidance.

|  |  |
| --- | --- |
|  | Up to 10,000 per year |
|  | 10,000 to half a million per year |
|  | More than half a million per year |
|  | I'm not sure |
|  | Not relevant to my innovation |

### How many units of your innovation would you expect to sell per year in the UK

This question is important if you're looking to get NICE guidance.

Please use no more than 500 characters (including spaces).

Click here to enter text.

### Approximately how long is each unit of your innovation intended to be in use

This question forms part of the data for NICE guidance.

Please use no more than 500 characters (including spaces)

Click here to enter text.

## 6.2 Comparative cost benefit

### Do you know what cost savings your innovation would create?

See [Innovation guides (opens in new window)](https://stage.innovation.nhs.uk/innovation-guides/advanced-innovation-guide) for more information about comparative cost benefit

|  |  |
| --- | --- |
|  | Yes, I have a detailed estimate |
|  | Yes, I have a rough idea |
|  | No |

### Do you know the cost of care as it’s currently given?

See [Innovation guides (opens in new window)](https://stage.innovation.nhs.uk/innovation-guides/advanced-innovation-guide) for more information about comparative cost benefit

|  |  |
| --- | --- |
|  | Yes, I have a detailed estimate |
|  | Yes, I have a rough idea |
|  | No |

### What are the costs associated with use of your innovation, compared to current practice in the UK?

See [Innovation guides (opens in new window)](https://stage.innovation.nhs.uk/innovation-guides/advanced-innovation-guide) for more information about comparative cost benefit.

|  |  |
| --- | --- |
|  | My innovation is cheaper to purchase |
|  | My innovation costs more to purchase but has greater benefits that will lead to overall cost savings |
|  | My innovation costs more to purchase and has greater benefits but will lead to higher costs overall |
|  | I’m not sure |

# 7. Revenue model

## 7.1 Revenue model

### Do you have a model for generating revenue from your innovation?

See [Innovation guides (opens in new window)](https://stage.innovation.nhs.uk/innovation-guides/advanced-innovation-guide) for more information about creating a revenue model.

|  |  |
| --- | --- |
|  | Yes |
|  | No |

### What’s the revenue model for your innovation?

Please select all that apply.

|  |  |
| --- | --- |
|  | Advertising |
|  | Direct product sales |
|  | Fee for service |
|  | Lease |
|  | Sales of consumables or accessories |
|  | Subscription |
|  | Other: Click here to enter text. |

### Which NHS or social care organisation and department would pay for the innovation?

The more specific you can be with your answer, the better, but please use no more than 500 characters (including spaces).

Click here to enter text.

### Which NHS or social care organisation and department would benefit from the innovation?

The more specific you can be with your answer, the better, but please use no more than 500 characters (including spaces).

Click here to enter text.

### Have you secured funding for the next stage of development?

|  |  |
| --- | --- |
|  | Yes |
|  | No |
|  | Not relevant |

# 8. Deployment

**8.1 Implementation plan and deployment**

### Do you have an implementation plan for deploying this innovation in the NHS or a care setting?

See [Innovation guides (opens in new window)](https://stage.innovation.nhs.uk/innovation-guides/advanced-innovation-guide) for more information about implementation plans.

|  |  |
| --- | --- |
|  | Yes |
|  | No |

### Has your innovation been deployed in an NHS or care setting?

|  |  |
| --- | --- |
|  | Yes |
|  | No |

### Where have you deployed your innovation?

Please provide the name of the organisation and department if possible.

#### Organisation and department 1

Click here to enter text.

#### Organisation and department 2

Click here to enter text.

#### Organisation and department 3

Click here to enter text.

### What was the commercial basis for each deployment?

For example, did you provide your innovation for free or was it purchased? Please use no more than 500 characters (including spaces) for each deployment.

Click here to enter text.

### How did the deployment of your innovation affect the organisation?

Please use no more than 500 characters (including spaces) for each deployment.

Click here to enter text.

### Does your team have the resources for scaling up to national deployment?

|  |  |
| --- | --- |
|  | Yes |
|  | No |
|  | I’m not sure |
|  |  |

### Please share any relevant implementation planning documents

### The files must be CSV, XLSX, DOCX or PDF.

# Attachments

Please attach any relevant documentation in relation to evidence of effectiveness, certifications, testing with users and implementation planning.