Innovation record template

NHS Innovation service

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[Instructions](#_Toc71207097)

[Basic information](#_Toc71207100)

[1. About your innovation](#_Toc71207104)

[1.1 Description of innovation](#_Toc71207105)

[1.2 Value proposition](#_Toc71207106)

[2. Needs, benefits and effectiveness](#_Toc71207107)

[2.1 Detailed understanding of needs](#_Toc71207108)

[2.2 Detailed understanding of benefits](#_Toc71207109)

[2.3 Evidence of effectiveness](#_Toc71207110)

[3. Business opportunity](#_Toc71207111)

[3.1 Market research](#_Toc71207112)

[3.2 Intellectual property](#_Toc71207113)

[4. Regulations and standards](#_Toc71207114)

[4.1 Regulations and standards](#_Toc71207115)

[5. Care pathway and testing with users](#_Toc71207116)

[5.1 Current care pathway](#_Toc71207117)

[5.2 Testing with users](#_Toc71207118)

[6. Cost, savings, and benefits](#_Toc71207119)

[6.1 Cost of your innovation](#_Toc71207120)

[6.2 Comparative cost benefit](#_Toc71207121)

[7. Revenue model](#_Toc71207122)

[7.1 Revenue model](#_Toc71207123)

[8. Deployment](#_Toc71207124)

[8.1 Implementation plan and deployment](#_Toc71207125)

# Instructions

## Document structure

This innovation record template contains 9 sections. The first section collects basic information about you and your organisation. The following 8 sections each contain a number of questions about your innovation.

Please answer each question that’s relevant to your innovation before returning this document to the innovation service.

## Attachments

When returning this document to the innovation service, please remember to also attach any relevant documentation in relation to evidence of effectiveness, certifications, testing with users and implementation planning.

# Basic information

## Your details

Please enter all that apply.

|  |  |
| --- | --- |
| Full name | Click here to enter text. |
| Email address | Click here to enter text. |
| Phone number | Click here to enter text. |
| Organisation | Click here to enter text. |
| City | Click here to enter text. |
| Postcode | Click here to enter text. |
| Country | Click here to enter text. |

## What’s the size of your organisation?

|  |  |
| --- | --- |
|  | 1 to 5 employees |
|  | 6 to 25 employees |
|  | 26 to 100 employees |
|  | More than 100 employees |

## What’s the name of your innovation?

Click here to enter text.

# 1. About your innovation

## 1.1 Description of innovation

### Please provide a short description of your innovation

Please use no more than 50 words.

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 |

## 1.2 Value proposition

### What problem does your innovation tackle?

Please use no more than 100 words.

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 100 words.

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 100 words.

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 100 words.

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

### Do you know yet what patient population or subgroup your innovation will affect?

We're asking this to get a better understanding of who would benefit from your innovation.

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

### What 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 5 | 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 5 | 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 |
|  | No |

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

Please use no more than 100 words per answer.

|  |  |
| --- | --- |
| Generally, | Click here to enter text. |
| or specifically |  |
| For population 1 | Click here to enter text. |
| For population 2 | Click here to enter text. |
| For population 3 | Click here to enter text. |
| For population 4 | Click here to enter text. |
| For population 5 | Click here to enter text. |

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

Please use no more than 100 words.

Click here to enter text.

## 2.3 Evidence of effectiveness

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

Please include any relevant evidence documents along with this document when sending this to the NHS Innovation service.

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

### Please tick any *clinical evidence* you have

|  |  |
| --- | --- |
|  | Data published, but not in a peer reviewed journal |
|  | Non-randomised comparative data published in a peer reviewed journal |
|  | Non-randomised non-comparative data published in a peer reviewed journal |
|  | Poster or abstract presented at a conference |
|  | Randomised controlled trial published in a peer reviewed journal |
|  | Unpublished data |
|  | Other: Click here to enter text. |

### Please describe any *clinical evidence* you have

Please provide a short summary including the scope of the study and the key findings. Accessors will read this summary to understand if any particular piece of evidence is of interest in relation to what they can help you with.

Click here to enter text.

### Please describe any *economic evidence* you have

Please provide a short summary.

Click here to enter text.

### Please describe any *other type of evidence* you have

Please provide a short summary.

Click here to enter text.

# 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

Click here to enter text.

## 3.2 Intellectual property

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

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

### Please describe any other intellectual property you have for your innovation

Click here to enter text.

# 4. Regulations and standards

## 4.1 Regulations and standards

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

See our [innovation guide: advanced](https://dev.innovation.nhs.uk/starter-innovation-guide/step-3-regulation) for more information about standards and certifications

|  |  |
| --- | --- |
|  | Yes, I know all of them |
|  | Yes, I know some of them |
|  | No (skip to section 5) |

### Have you achieved certification for any of the following?

Please include any relevant certification documents along with this document when sending this to the NHS Innovation service.

#### CE/UKCA: non-medical device

|  |  |
| --- | --- |
|  | Yes |
|  | I'm in the process of achieving certification |
|  | No, not yet |
|  | No, not relevant |

#### CE/UKCA: class I medical device

|  |  |
| --- | --- |
|  | Yes |
|  | I'm in the process of achieving certification |
|  | No, not yet |
|  | No, not relevant |

#### CE/UKCA: class IIa medical device

|  |  |
| --- | --- |
|  | Yes |
|  | I'm in the process of achieving certification |
|  | No, not yet |
|  | No, not relevant |

#### CE/UKCA: class IIb medical device

|  |  |
| --- | --- |
|  | Yes |
|  | I'm in the process of achieving certification |
|  | No, not yet |
|  | No, not relevant |

#### CE/UKCA: class III medical device

|  |  |
| --- | --- |
|  | Yes |
|  | I'm in the process of achieving certification |
|  | No, not yet |
|  | No, not relevant |

#### Digital Technology Assessment Criteria (DTAC)

|  |  |
| --- | --- |
|  | Yes |
|  | I'm in the process of achieving certification |
|  | No, not yet |
|  | No, not relevant |

#### Other: Click here to enter text.

|  |  |
| --- | --- |
|  | Yes |
|  | I'm in the process of achieving certification |
|  | No, not yet |
|  | No, not relevant |

# 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?

This means mapping out the entire patient journey and the work done in different parts of the healthcare system. It’s also key to understand the existing routines of clinical and care professionals, administrators, and anyone else who will be affected by your innovation.

|  |  |
| --- | --- |
|  | Yes |
|  | No (skip to 5.2) |

### 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 100 words.

Click here to enter text.

### Thinking about the current care pathway in the UK, generally *or* in relation to each population described in section 2.1, which option best describes your innovation?

#### Generally

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

Or specifically

#### For population 1

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

#### For population 2

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

#### For population 3

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

#### For population 4

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

#### For population 5

|  |  |
| --- | --- |
|  | 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 (skip to section 6) |

### 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.

Please provide a brief summary of the method and key findings for each type of testing. You can include any relevant documents demonstrating the testing you have done with users along with this document when sending this to the NHS Innovation service.

#### 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.

# 6. Cost, savings, and benefits

## 6.1 Cost of your innovation

### Do you know the cost of your innovation?

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 (skip to 6.2) |

### What’s the cost of your innovation (generally *or* in relation to each population described in section 2.1)?

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.

#### Generally

Click here to enter text.

Or specifically

#### For population 1

Click here to enter text.

#### For population 2

Click here to enter text.

#### For population 3

Click here to enter text.

#### For population 4

Click here to enter text.

#### For population 5

Click here to enter text.

### Roughly how many patients would be eligible for your innovation (In total *or* in relation to each population described in section 2.1)?

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

#### In total

|  |  |
| --- | --- |
|  | 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 for my innovation (skip to 6.2) |

Or for each population described in section 2.1

#### For population 1

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

#### For population 2

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

#### For population 3

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

#### For population 4

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

#### For population 5

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

### How many units of your innovation would you expect to sell per year in the UK (In total *or* in relation to each population described in section 2.1)?

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

#### In total

Click here to enter text.

Or for each population described in section 2.1

#### For population 1

Click here to enter text.

#### For population 2

Click here to enter text.

#### For population 3

Click here to enter text.

#### For population 4

Click here to enter text.

#### For population 5

Click here to enter text.

### Approximately how long is each unit of your innovation intended to be in use (generally *or* in relation to each population described in section 2.1)?

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

#### Generally

Click here to enter text.

Or for each population described in section 2.1

#### For population 1

Click here to enter text.

#### For population 2

Click here to enter text.

#### For population 3

Click here to enter text.

#### For population 4

Click here to enter text.

#### For population 5

Click here to enter text.

## 6.2 Comparative cost benefit

See our [innovation guide: advanced](https://dev.innovation.nhs.uk/starter-innovation-guide/step-3-regulation) for more information about comparative cost benefit.

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

|  |  |
| --- | --- |
|  | 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?

|  |  |
| --- | --- |
|  | Yes, I have a detailed estimate |
|  | Yes, I have a rough idea |
|  | No (skip to section 7) |

### What are the costs associated with use of your innovation, compared to current practice in the UK (generally *or* in relation to each population described in section 2.1)?

#### Generally

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

Or for each population described in section 2.1

#### For population 1

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

#### For population 2

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

#### For population 3

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

#### For population 4

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

#### For population 5

|  |  |
| --- | --- |
|  | 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 our [innovation guide: advanced](https://dev.innovation.nhs.uk/starter-innovation-guide/step-5-commissioning-and-adoption" \l "Developing%20your%20business%20case:%20Five%20Case%20Model) for more information about creating a revenue model.

|  |  |
| --- | --- |
|  | Yes |
|  | No (skip to section 8) |

### 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?

Please be as specific as possible, but please use no more than 100 words.

Click here to enter text.

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

Please be as specific as possible, but please use no more than 100 words.

Click here to enter text.

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

|  |  |
| --- | --- |
|  | Yes |
|  | No (skip to section 8) |
|  | Not relevant (skip to section 8) |

### Please describe what funding you have secured for the next stage of development

Please use no more than 100 words.

Click here to enter text.

# 8. Deployment

## 8.1 Implementation plan and deployment

You can include any relevant implementation planning documents along with this document when sending this to the NHS Innovation service.

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

See our [innovation guide: advanced](https://dev.innovation.nhs.uk/starter-innovation-guide/step-5-commissioning-and-adoption" \l "Developing%20your%20business%20case:%20Five%20Case%20Model) for more information about implementation plans.

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

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

|  |  |
| --- | --- |
|  | Yes |
|  | No (skip the next three questions) |

### Where have you deployed your innovation?

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

#### Deployment 1

Click here to enter text.

#### Deployment 2

Click here to enter text.

#### Deployment 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 100 words for each deployment.

#### Commercial basis for deployment 1

Click here to enter text.

#### Commercial basis for deployment 2

Click here to enter text.

#### Commercial basis for deployment 3

Click here to enter text.

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

For example, which job roles were affected and how was the care pathway redesigned? Please use no more than 100 words for each deployment.

#### Deployment 1 – effect on organisation

Click here to enter text.

#### Deployment 2 – effect on organisation

Click here to enter text.

#### Deployment 3 – effect on organisation

Click here to enter text.

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

See our [innovation guide: advanced](https://dev.innovation.nhs.uk/starter-innovation-guide/step-5-commissioning-and-adoption" \l "Developing%20your%20business%20case:%20Five%20Case%20Model) for more information about implementation plans.

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

# Attachments

When returning this document to the innovation service, please remember to also attach any relevant documentation in relation to evidence of effectiveness, certifications, testing with users and implementation planning.