



Principle 01
Right to
Intelligence

Principle 02
Purpose
Driven

Principle 03
Disruption
Prevention

**Principle 04
Risk
Evaluated**

Principle 05
Accountable Redesign

Principle 4: Risk Evaluated

To reassure innovations are designed for safe, ethical, and inclusive adoption, and the risks are managed by the designer and the user equally.

Q1 What is the likelihood of labour and job displacement brought by new innovation? *

- ☐ **None**
- ☐ **Low**
- ☒ **Medium**
- ☐ **High**
- ☐ **Certain**

Q2

What is the likelihood of negative direct or indirect impact on the lifestyle & wellbeing of the users? *

Will the basic needs such as physical health, mental health, social needs, or financial security be impacted by the innovation in any fashion?

- ☐ **None**
- ☒ **Low**
- ☐ **Medium**
- ☐ **High**
- ☐ **Certain**

Q3

If the new innovation required updating current jobs, associated practices, products, governance or educational materials, then how much of the change will be supported and managed by you? *

- ☐ N/A
- ☐ None
- ☒ Small amount
- ☐ Moderate amount
- ☐ Large amount

Q4

What is the severity level of any form of harm caused by any decision made by the intelligent system? *

Low (retail decisions, e.g recommending a wrong product), medium (e.g access to your location and private information), high (life danger, e.g getting a prescription wrong);

- ☐ No danger
- ☐ Low
- ☐ Medium
- ☒ High

Q5 **Has the proposed innovation been evaluated for inherent bias, racism, and any form of discrimination present that could cause emotional harm?** *

This exercise could be carried out at the design stage of a new product or during the redesign of a new version.

- ☒ **No**
- ☐ **Planned**
- ☐ **Yes - Evidence to support**

Q6 **If the innovation has the potential to provide data, intelligence or automation services that can offer any unfair advantage for political, tactical, discriminatory, military or terrorist actions, then do you have a mechanism in place that can manage this potential risk?** *

- ☐ **No**
- ☐ **Planned**
- ☐ **Yes - Evidence to support**
- ☒ **N/A**

Q7 Is the confidence of the success rate of the system based on practical testing using real world data from diverse scenarios? *

- ☐ Not tested
- ☐ Tested with negative results
- ☒ Tested & needs more improvements
- ☐ Completed test with positive results

Q8 Is the innovation designed inclusively through the use of a large and diverse data set of users to generate fair outcomes? *

- ☐ No
- ☐ Planned
- ☒ Yes, evidence to support
- ☐ N/A

Q9 What approximate percentage of the risk is owned by the designer, the innovator or the manufacturer?

*It means the remainder of the risk is owned by the users
(There should be a shared agreement in place that
manages the risk between the users and
owners/innovators).*

0%

50

100%

Q10 What is the severity level of impact on the environment made by the intelligent system?

This includes the potential impact on nature, biodiversity, forests, farms, parks, historic landmarks and the level of waste and emissions. The whole supply chain, from extracting the raw resources, to the production & supply of the products & services, should be taken into consideration when calculating the overall emissions.

High

50

Very low

Q11 Is there a human in the loop for the proposed high-risk intelligent solution? *

This helps evaluate how you will manage risk if there was any potential high-risk incident.



No



Planned, but not currently applied

- ☐ **Partially**
- ☐ **Fully, evidence to support**
- ☐ **Not applicable, low risk solution**

Q12

Can you provide public evidence of regular risk management assessment carried by the internal team and/or survey by a diverse set of stakeholder for the above criteria?

(You must organise a focus group discussion of external and diverse member exploring the product's proposal in light of risk impact and ownership. Their feedback must be recorded note the email of the attendees should be provided for verification purpose and has to be a work email address and external to your organisation). By doing so you agree to be open about your risk management process with the public and aligned to upcoming regulations.

- ☒ **Yes, I/We agree**
- ☐ **No**

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