

July 27, 2023

FROM - Dr. Aiden Maxwell, Chief Advisor on Artificial Intelligence

ACTION

Consideration and Approval of the Proposed Artificial Intelligence Regulatory Framework

SUMMARY

1. The proposed Artificial Intelligence (AI) Regulatory Framework intends to provide clear guidelines for AI development and use within our nation. The framework places emphasis on safety, transparency, fairness, and accountability, while supporting innovation. The pressing need for regulation arises from the rapid development and ubiquitous application of AI, from healthcare to finance, with concomitant ethical and security concerns. A structured legal and ethical approach will instil confidence in AI technologies among the public, and also ensure that AI advancements do not inadvertently harm societal structure and individuals' rights.

RECOMMENDATION

2. We propose the adoption of the AI Regulatory Framework. Is the Minister prepared to approve this regulatory framework?

TIMING

3. A decision by August 30, 2023, is advisable. Delay in establishing this regulation could increase the risk of misuse of AI, perpetuate existing ethical concerns, and erode public trust in AI technologies.

BACKGROUND

4. The remarkable speed at which AI technology has advanced has brought about transformative changes across various sectors, offering untold benefits. However, it also poses new and unique challenges relating to privacy, security, bias, and accountability.
5. **NEED FOR REGULATION:** AI technologies, left unchecked, can be intrusive, biased, and opaque, leading to societal and individual harm. The proposed framework aims to address these issues proactively.
6. **SAFETY AND TRANSPARENCY:** The framework includes guidelines on safety standards for AI and requirements for transparency, with AI systems needing to provide an understandable explanation for their decisions.
7. **FAIRNESS AND ACCOUNTABILITY:** The proposed regulation also stipulates measures to prevent biased decision-making and provides guidelines for accountability in cases where harm is caused by AI systems.

8. **SUPPORTING INNOVATION:** While regulating AI, it is essential to ensure that we do not stifle innovation. The proposed regulation takes a balanced approach, offering clarity and predictability for developers, and promoting innovative AI technologies.
9. **INTERNATIONAL COOPERATION:** The regulation suggests cooperation with international partners to establish common standards and to handle cross-border AI issues.
10. Therefore, the proposed framework is of paramount importance in creating a trustworthy environment for AI use while ensuring that the technology continues to thrive and provide benefits.

CLEARANCE LIST

Team	Clearance necessary?	Named lead who has cleared
SCS	Mandatory	Sir Winston Radcliffe
Perm Sec	No	
Second Perm Sec	No	
Communications (inc named Press Officer)	Yes	Lara Chambers
Finance/Fiscal Events	No	
HR	No	
Legal	Yes	Maxwell Hawthorne
Parliamentary Unit	No	
Devolution	No	
Analysis	No	
HMTC	Yes	Isabella Sinclair
Other	No	