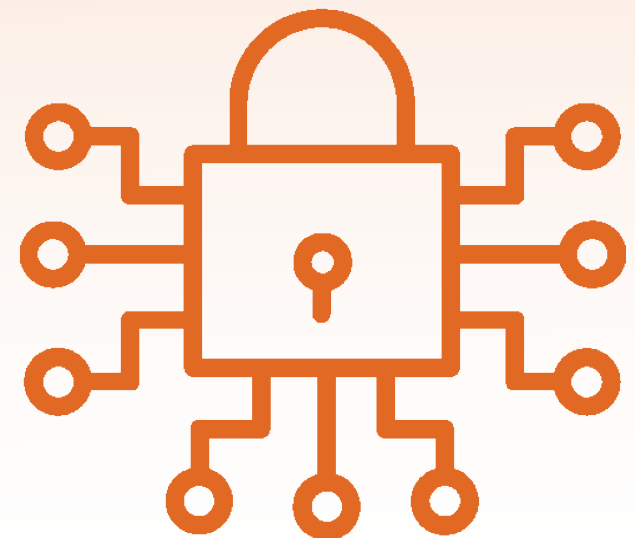# COMMUNICATION & INFORMATION TECHNOLOGY (CYBERSECURITY)

RESPONSIBLE ENTITIES:

» **The Higher Council for Digital Transformation**

» **The Ministry of Communications and Information Technology**

» **The Ministry of Planning and Economic Development**

CHALLENGE	STATUS/NOTES
INFRASTRUCTURE Expand access to high-speed affordable internet and cloud computing to put Egypt on par with other countries with 4G technology. This can be achieved by promoting competition among service providers and expanding services according to well-publicized timed stages.	Egypt's information technology infrastructure has proven its capabilities during the coronavirus crisis; this opens the door to considering the possibility of transitioning to the new fifth-generation networks.
DIGITAL SKILLS Take full advantage of internet services and smart devices in schools, and promote digital literacy among teachers and students, especially in regard to the uses of cloud computing.	
A BALANCED REGULATORY APPROACH/FRAMEWORK Develop a framework which strikes the right balance between upholding the concept of free flow of information and data, cybersecurity, and privacy. The framework should also support cross- border flows of data and information, and the simplification of the Intellectual Property Rights processes, such as filing trademark applications.	
ROLE MODELLING-INFORMATION ECONOMY The government should set an example by adopting technological solutions to better serve citizens and improve the efficiency of public services. In this regard, the government should partner with the private sector in the area of cybersecurity risks and raise awareness about the rights and responsibilities of internet users regarding use and security.	