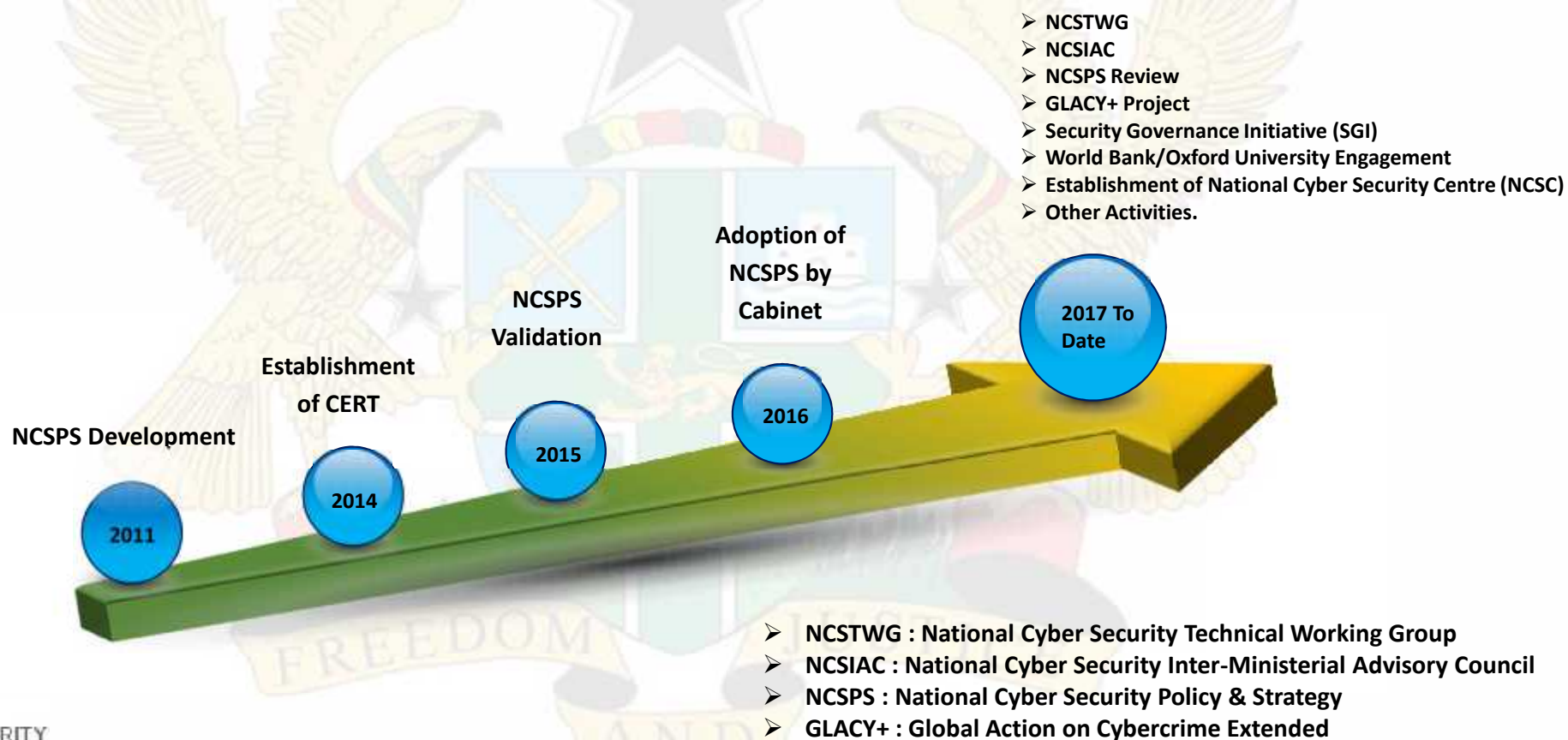


# Cyber Security Development

## Ghana in Perspective

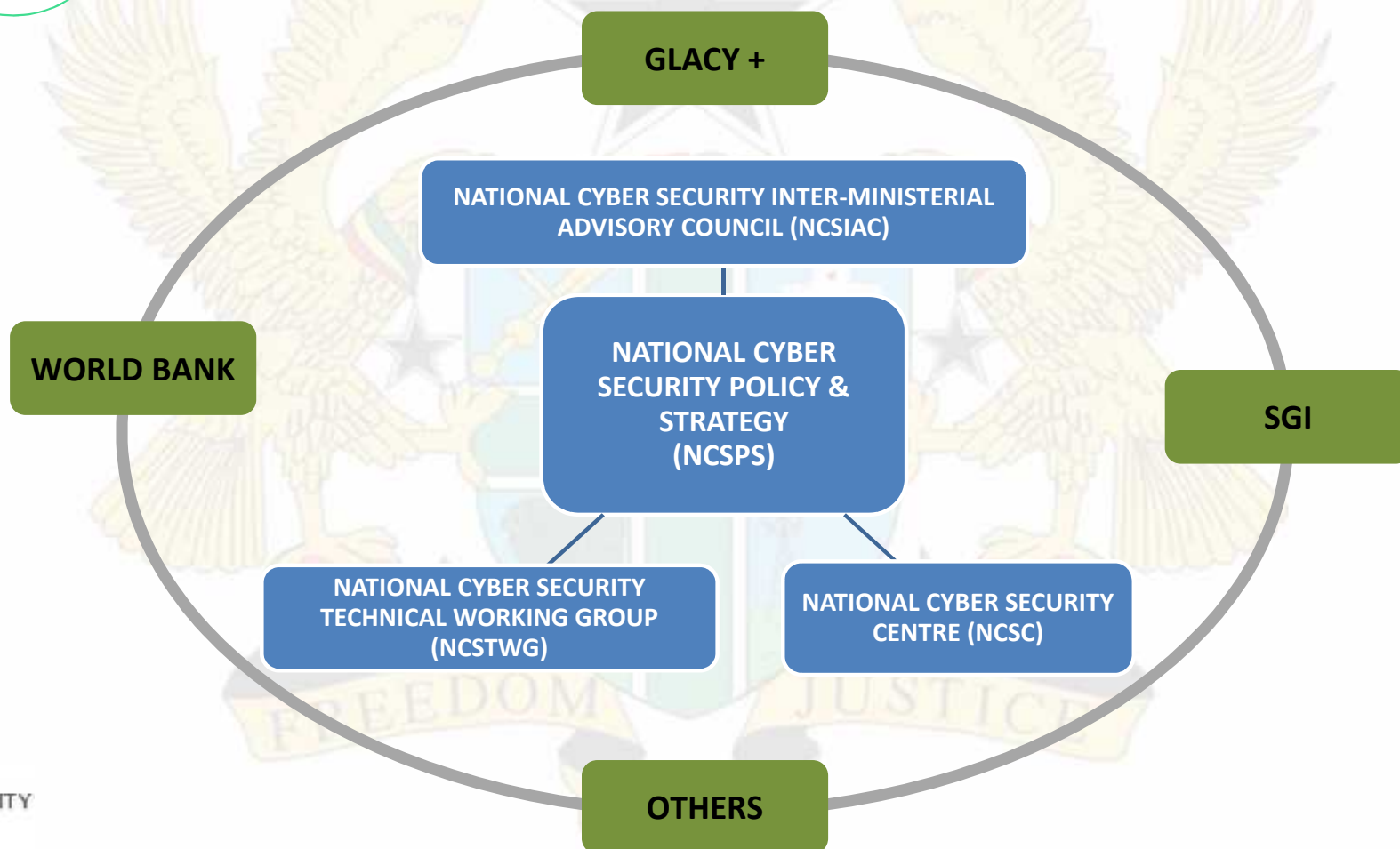


## GHANA'S CYBER SECURITY JOURNEY



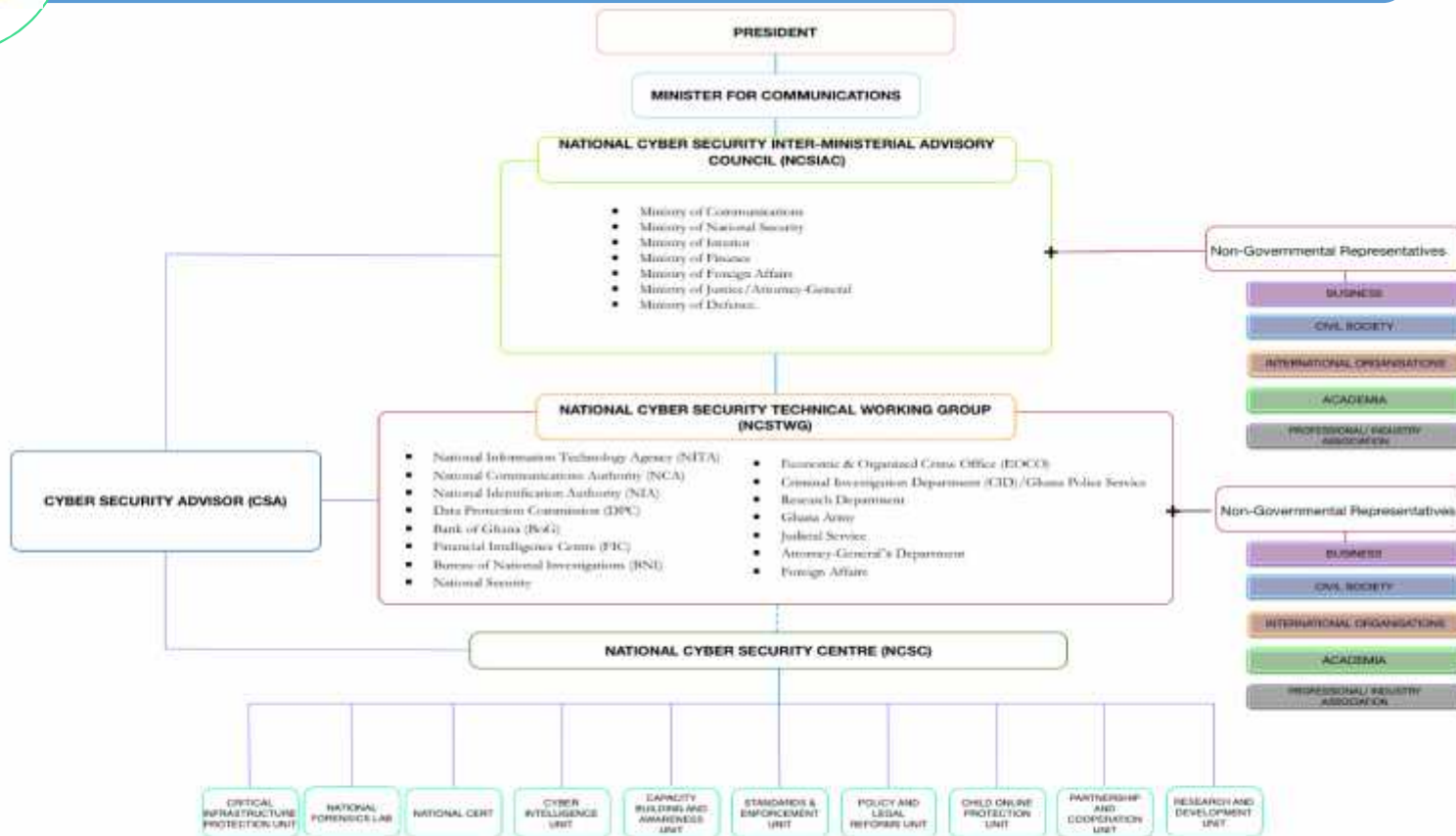


## PARTNERS FOR GHANA'S CYBER SECURITY DEVELOPMENT





# NATIONAL CYBER SECURITY ORGANIZATIONAL STRUCTURE





## SUB – WORKING GROUPS

SN	Sub-Working Group	Mandate
1	<b>Criminal Justice Sub-Working Group (CJSWG)</b>	Group focusing on cybercrime investigations and prosecutions in the criminal justice sector.
2	<b>Defence &amp; Intelligence Sub-Working Group (DISWG)</b>	Core group focusing on intelligence on cybercrime and cybercrime/cyber security analysis for national security purposes.
3	<b>Critical Infrastructure Protection Sub-Working Group (CIPSWG)</b>	Group comprising of all the Critical National Information Infrastructure (CNII) sectors and focusing on critical national infrastructures.
4	<b>Stakeholder Engagement Sub-Working Group (SESWG)</b>	Group focusing on engagement with industry, civil society, public engagements, etc.
5	<b>Computer Emergency Response Team (CERT) Sub-Working Group (CERTSWG)</b>	Group representing all heads of CERTs. Responsible for coordinating and development and standardizations of CERTs.





# CYBER SECURITY CHALLENGES

Financial  
Challenges

Technology  
Challenges

Cultural / Social  
Barriers

Human Resource  
/ Skillset

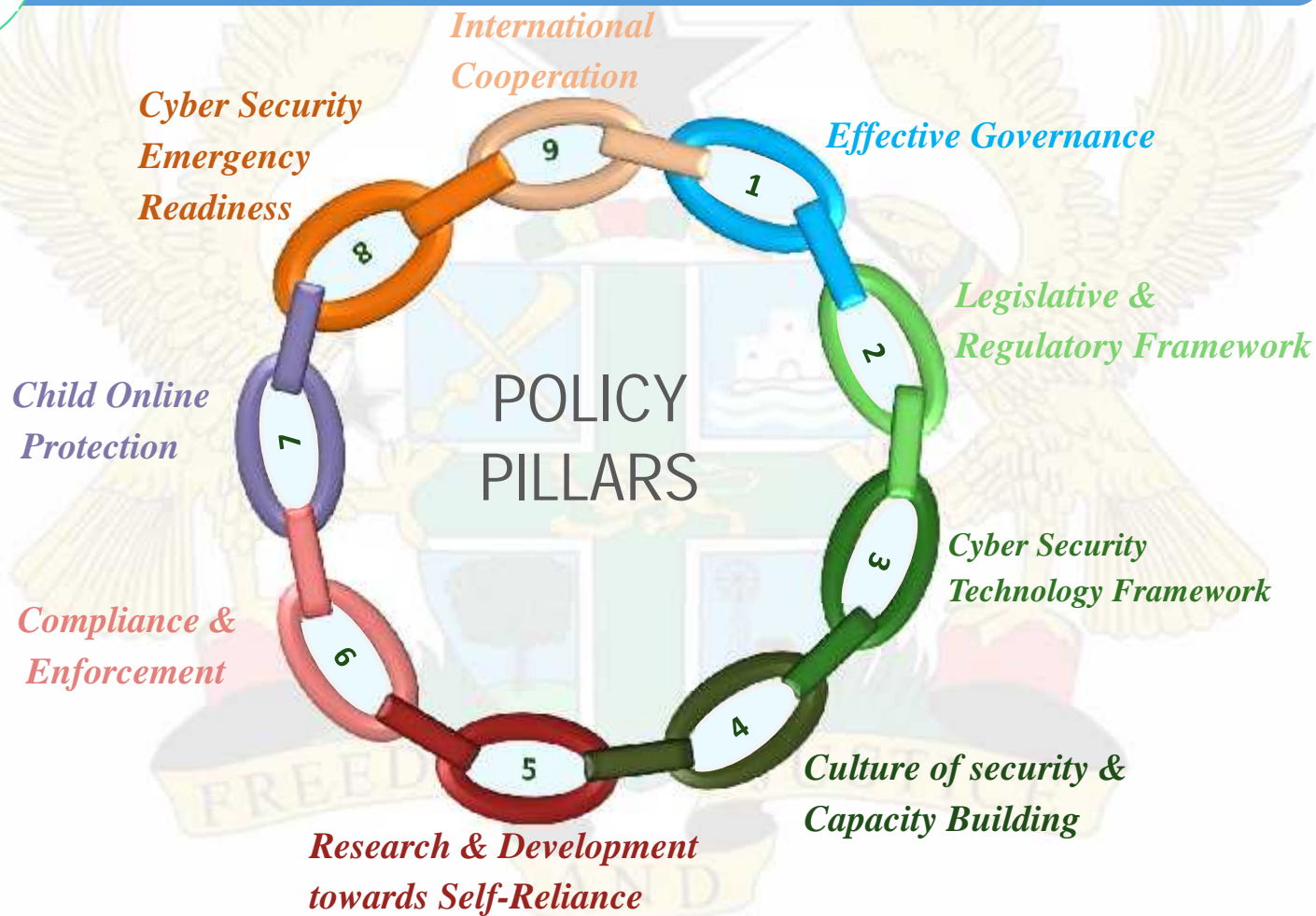
Political  
Commitment

Other

Success



## NCSPS POLICY PILLARS





## MANDATE OF CRIMINAL JUSTICE SUB COMMITTEE

- Develop a cybercrime training strategy to build capacity of law enforcement Agencies, Prosecutors and Judges
- Accession to the Budapest Convention
- Create Awareness
- Review Our cybercrime legislation
- Private Sector Collaboration
- Develop Guidelines for Digital Evidence Handling
- Develop SOP for Digital Forensic Labs
- Review of LEA's Technical Capacity





## ROAD TO ACCESSION OF BUDAPEST CONVENTION

Ghana's Request

Assessment of  
Ghana's Legislations

Induction into  
GLCAY+  
Programme

STOP

Cabinet Sub Committee  
to review the instrument

Full Cabinet  
Approval

Rectification by  
Parliament

Presidential  
Assent

October  
2018



## GHANA'S CYBERCRIME TRAINING STRATEGY

- Cybercrime should not be treated as a specialized area of investigations for all cases
- All Police officers must have knowledge of Ghana's cyber laws and first responder responsibilities (achievable within 5 years)
- All investigators and senior officers must have knowledge in cybercrime investigations to fight computer assisted crimes (achievable within 5 years).
- Specialized cyber investigators be trained to investigate computer dependent crimes.
- Creation of specialized units in all regions to investigate specialized cases and a Cybercrime Directorate at the Headquarters to oversee the activities of specialized Units and investigate the cases beyond the capabilities of specialized Units



## GHANA'S CYBERCRIME TRAINING STRATEGY

- Cybercrime training syllabus will be divided into three categories

### A. Introductory

- ✓ Cyber laws, first responder duties and introductory courses to cyber investigation and digital forensics

### B. Intermediate

- ✓ Internet /social media/email investigation
- ✓ Computer assisted crimes investigation

### C. Advanced

- ✓ Computer dependent crimes investigation;
- ✓ Computer, Mobile phone , Network , Malware and Cryptocurrency Forensics

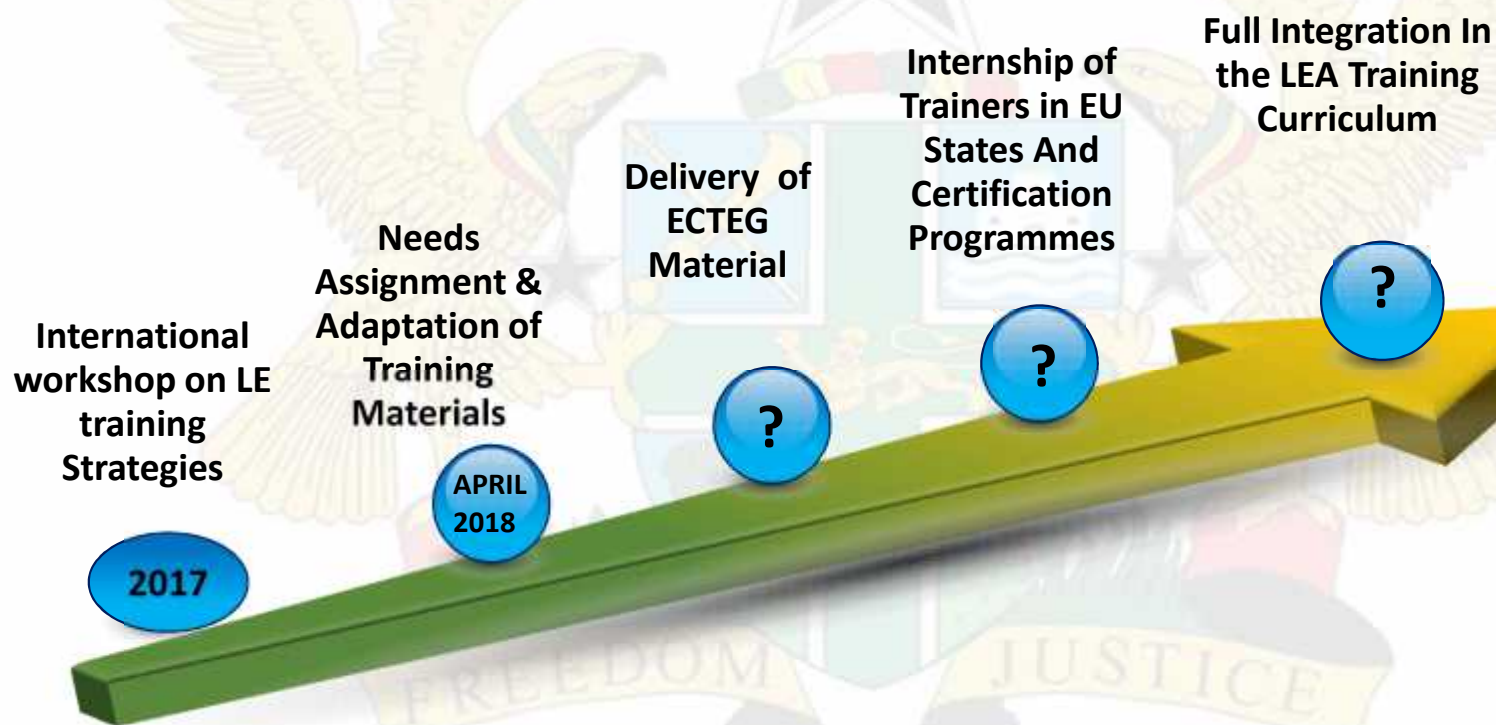


## GHANA'S CYBERCRIME TRAINING STRATEGY

- Category **A** for all Police Officers
  - To be taught at all Police Training Schools, Police Academy and Command & Staff Colleges
- Category **A** and **B** for all Investigators and Senior officers
  - To be taught at the Detective Training Academy, Police Academy and Command and Staff College.
- Category **A, B, C** for specialized cyber investigators



## EXPECTED ACTIVITIES FOR LEA UNDER GLACY+







## CONTACT US

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Thank You



**Questions**