

Centres of Excellence

ADSL

Multimedia Communications

Global Information Infrastructure

E-Commerce

Numbering

Wireless Communications

Policy Coordination

Internet

Universal Access

THE INTERNATIONAL TELECOMMUNICATION UNION

SATELLITE

Partnership

Sector Reform

Spectrum Management

Tariffs

IMT-2000

TELECOMMUNICATION INDICATORS

Regulation





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ITU GLOBAL CYBERSECURITY AGENDA



*A Framework for International
Cooperation in Cybersecurity*



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Committed to connecting the world

Issues and Challenges



- Constant evolution of the nature of cyberthreats
- Vulnerabilities in software and hardware applications and services
- Low entry barriers and increasing sophistication of cybercrime
- Loopholes in current legal frameworks
- Absence of appropriate organizational structures
- Inadequate cooperation among various stakeholders
- Global problem which cannot be solved by any single entity (country or organization)

Major challenge is to develop harmonized and comprehensive global strategies at the international level

WSIS & Cybersecurity



“Strengthening the trust framework, including information security and network security, authentication, privacy and consumer protection, is a prerequisite for the development of the Information Society and for building confidence among users of ICTs. ”

WSIS Geneva Declaration of Principles, Para 35

“We reaffirm the necessity to further promote, develop and implement in cooperation with all stakeholders a global culture of cyber-security, as outlined in UNGA Resolution 57/239 and other relevant regional frameworks.”

WSIS Tunis Agenda, Para 39

ITU's Role as WSIS C5 Facilitator

At the World Summit on the Information Society (WSIS), world leaders and governments entrusted ITU to take the leading role in coordinating international efforts on cyber-security, as the sole Facilitator of Action Line C5,
“Building confidence and security in the use of ICTs”

The **International Telecommunication Union (ITU)** provides the global perspective and expertise needed to meet the challenges, with a track record of brokering agreements between public and private interests on a level playing field ever since its inception in 1865.



Third Facilitation Meeting
22-23 May 2008, ITU Headquarters, Geneva



<http://www.itu.int/osg/csd/cybersecurity/WSIS/3rdMeeting.html>

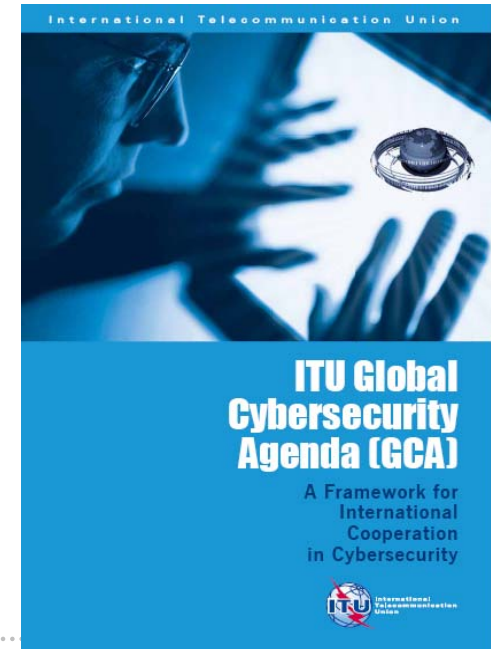


ITU as a Forum for International Cooperation in Cybersecurity

- **Cybersecurity identified as a top priority**
- ITU provides the global perspective and expertise needed, **promoting cybersecurity** through a range of activities related to standardization, radiocommunication and technical assistance to developing countries tailored to their needs.

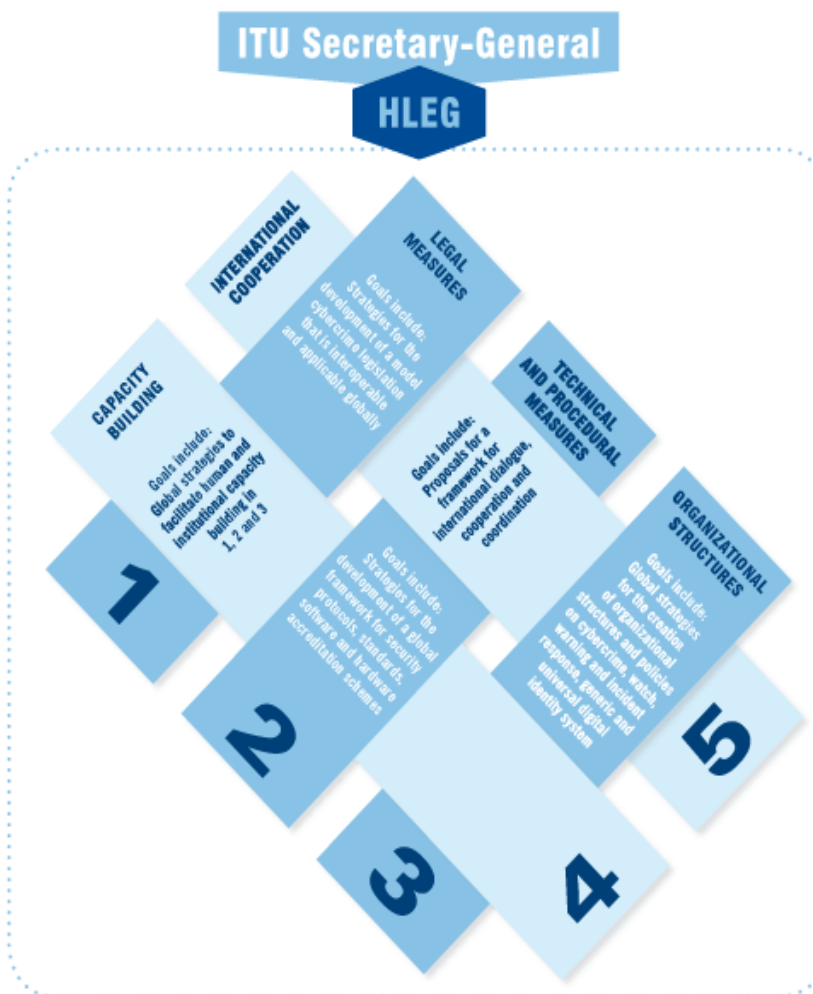
ITU Global Cybersecurity Agenda (GCA)

- A framework for international multi-stakeholder cooperation in cybersecurity
- ITU Response to its role as sole Facilitator for WSIS Action Line C5
- World renowned Group of High Level Experts (HLEG) to develop global strategies
- Representing main stakeholder groups working towards the same goals: *developing harmonized global strategies*



GCA rests on five pillars or work areas:

- 1 Legal Measures
- 2 Technical and Procedural Measures
- 3 Organizational Structures
- 4 Capacity Building
- 5 International Cooperation



Diversity of Participation

Argentina Brazil Cameroon Canada China Egypt Estonia
Germany Japan India Indonesia Italy Malaysia Morocco
Portugal Republic of Lithuania Russian Federation Saudi
Arabia South Africa Switzerland United States



- Ecole Polytechnique Fédérale de Lausanne (EPFL), Switzerland
- Information Security Institute, Australia
- Moscow Technical University of Communications, Russian Federation
- African Telecommunication Union (ATU)
- Asia Pacific Economic Cooperation Telecommunications (APECTEL)
- Commonwealth Telecommunications Organisations (CTO)
- Council of Europe
- Department of Economic and Social Affairs (DESA)
- European Information and Network Security Agency (ENISA)
- International Criminal Police Organization (Interpol)
- Organisation for Economic Co-operation and Development (OECD)
- Organisation Internationale de la Francophonie
- Society for the Policing of Cyberspace (POLCYB)
- UMTS Forum
- United Nations Institute for Training and Research (UNITAR)
- United Nations Office on Drugs and Crime
- Authentrus
- BITEK International Inc.
- Cybex
- Cisco
- Garlik
- Intel Corporation
- Microsoft Corporation
- Télam S.E.
- VeriSign, Inc.
- Stein Schjolberg, Chief Judge, Moss Tingrett Court, Norway
- Solange Ghernaouti-Helie, HEC-Université de Lausanne, Switzerland
- Sy Goodman, Georgia Institute of Technology, United States
- Nabil Kisrawi, Chairman of WG-Def, Syrian Republic
- Bruce Schneier, Security Technologist, Unites States
- Marco Gercke, Professor, Cologne University, Germany



GCA/HLEG Global Strategic Report

- The **HLEG work is an ongoing dynamic process** with information-sharing and interaction relating to the elaboration of Global Strategies to meet the goals of the GCA and the ITU role as sole facilitator for WSIS Action Line C.5.
- **Three meetings held:**
 - First Meeting of the HLEG held on 5 October 2007
 - Second Meeting of the HLEG held on 21 May 2008
 - Third Meeting of the HLEG held on 26 June 2008
- **Chairman's Report:**
 - The results of the work of the HLEG, including recommendations, the views expressed during the meeting and additional information about the previous work of the HLEG are contained in the Chairman's report which is available at:
<http://www.itu.int/osg/csd/cybersecurity/gca/hleg/meetings/third/index.html>



GCA Sponsorship Programme – Join us!

- **This Sponsorship programme** –

- will ensure that all relevant stakeholders are aware of HLEG's valuable work, will increase also a global understanding about how to work together to implement effective strategies. It will then be up to the stakeholders themselves – within their respective mandates and capabilities – to translate these strategies into concrete actions.



- **GCA Sponsors**

- will help to promote the goals of this initiative around the world by participating in high-profile business activities including publications, public campaigns, an annual conference and other events. In addition to the opportunity to meet with high-level decision makers, Sponsors also stand to enhance their image and credibility with their stakeholders.



*"The world must take action.
It must stand united.
This is not a problem any
one nation can solve alone"*

Dr Óscar Arias Sánchez

Nobel Peace Laureate,
President of the Republic of Costa Rica,
Patron of the Global Cybersecurity
Agenda.

Towards a global Cyberpeace...

The threats to global cybersecurity demand a global framework!

The magnitude of this issue calls for a coordinated global response to ensure that there are no safe havens for cybercriminals.

ITU will act as a catalyst and facilitator for these partners to share experience and best practice, so as to step up efforts for a global response to cybercrime.

In this way, working together, we can create a cyberspace that is somewhere safe for people to trade, learn and enjoy.

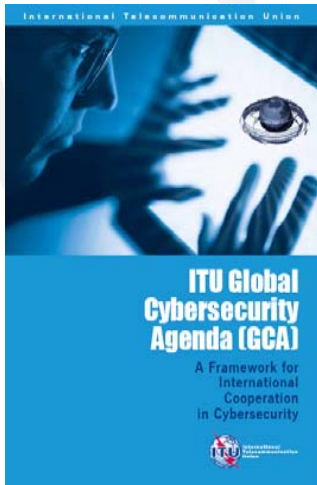
Dr Hamadoun I. Touré
Secretary-General, ITU





For More information on:

ITU Global Cybersecurity Agenda
& ITU Activities in Cybersecurity:
<http://www.itu.int/cybersecurity/>



Email: gca@itu.int

**Thank you for your
attention!**

International Telecommunication Union



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