Cybersecurity for **ALL**

ITU's Work for a Safer World

ITU
International
Telecommunication
Union

Committed to connecting the world

ITU as a Forum for International Cooperation in Cybersecurity

- ITU Secretary-General has identified **Cybersecurity** as a **top priority**

  ➢ **"ITU Global Cybersecurity Agenda (GCA)"** - A Global Strategy for Action

- ITU Membership has been calling for a **greater role** to be played by ITU in matters relating to Cybersecurity through various **Resolutions, Decisions, Programmes and Recommendations**

  ➢ **Strategic Goal Four**: *"Developing tools, based on contributions from the membership, to promote end-user confidence, and to safeguard the efficiency, security, integrity and interoperability of networks."*

  ➢ **ITU Plenipotentiary Conference (Antalya, 2006) Resolution 130:** *"Strengthening the role of ITU in building confidence and security in the use of information and communication technologies"*

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, promoting cybersecurity through a range of activities related to standardization, radiocommunication and technical assistance to developing countries tailored to their needs.

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

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

A Global Response

The GCA bridges existing initiatives and partners with the objective of proposing global strategies to address today's challenges in the fight against cybercrime and to maintain cyber-peace.

ITU Global Cybersecurity Agenda (GCA)

➢ A Framework for international cooperation in cybersecurity

➢ ITU response to its role as sole Facilitator for WSIS Action Line C5

➢ World renowned Group of High-Level Experts (HLEG) working on global strategies

➢ Multi-stakeholder group working towards the same goals: *developing harmonized global strategies*
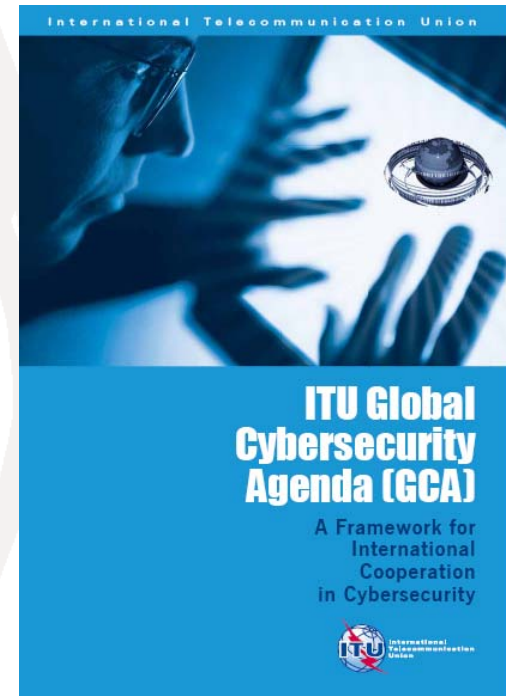
GCA/HLEG - Leveraging Expertise for International Consensus

- On a **Global** level, from government, international organizations to industry
- for a **Harmonised** approach to build synergies between initiatives
- through **Comprehensive** strategies on all levels

GCA/HLEG is building synergies through expertise from existing initiatives and working with stakeholders in these five key areas:

1. **Legal**: e.g., Cybercrime legislation (Council of Europe), Moss Tingrett Court Norway, Cybex,

2. **Technical**: e.g., Software (Microsoft) , Hardware (Intel), Networking (CISCO), Security Apps/Services (Verisign), Global Standards and Development (ITU),

3. **Organisational**: e.g., Ecole Polytechnique Fédérale de Lausanne (EPFL), Forum of Incident Response and Security Teams, OECD,

4. **Capacity Building**: e.g., United Nations Institution for Training and Research (UNITAR), European Network and Information Security Agency (ENISA), etc..

5. **International Cooperation**: e.g., Interpol, United Nations Office on Drug and Crime (UNODC).
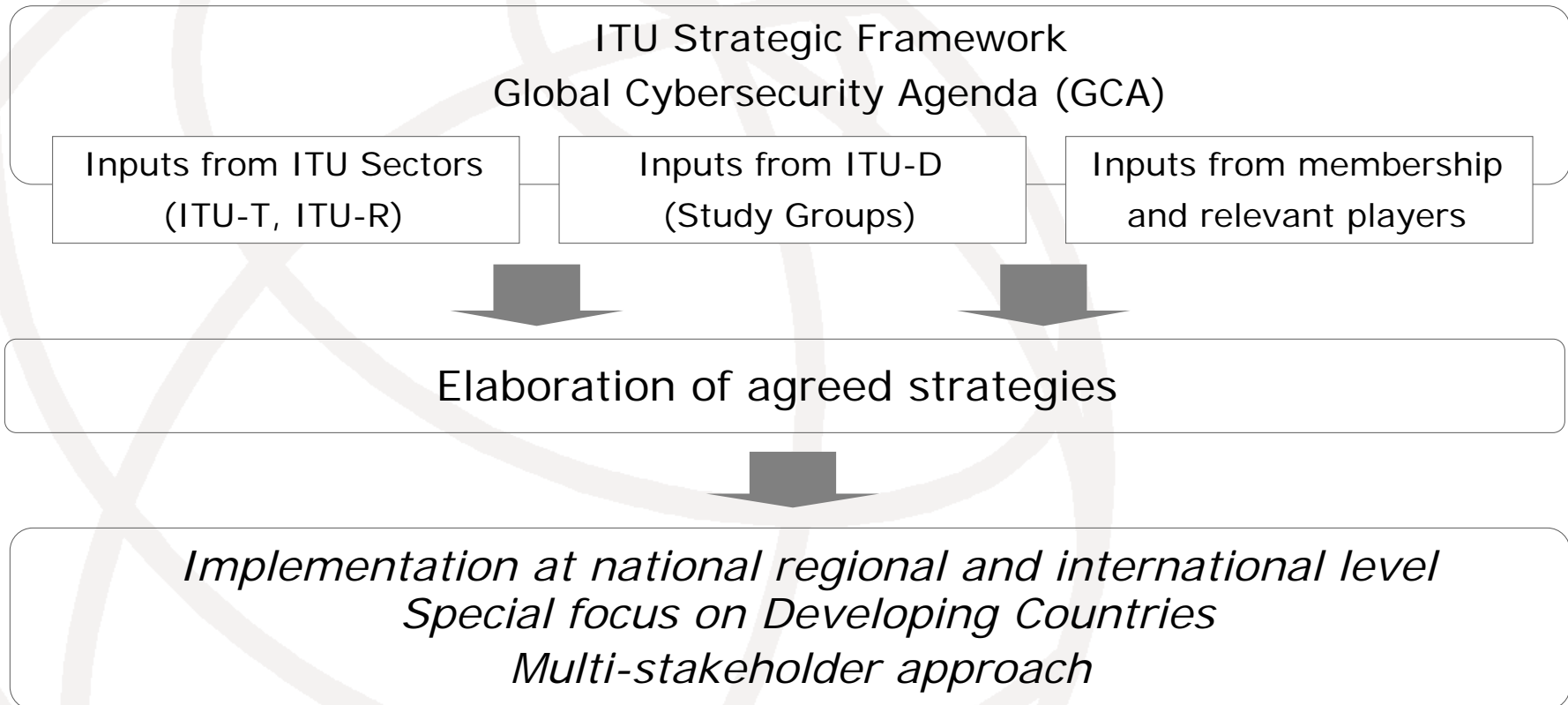
GCA/HLEG Global Strategic Report

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.

The deliverables are five strategic reports, with a final consolidated report – a global strategic report delivered to the ITU Secretary-General and a set of recommendations on how best to achieve the seven strategic goals of the GCA including:

- an analysis of current developments in cybersecurity, reviewing both threats and state-of-the-art solutions;

- the identification of strategic options and anticipating emerging and future challenges in cybersecurity;

- a list of all areas in which further efforts are needed to develop proposals and strategies for solutions; and

- ***how to best provide an appropriate response to WSIS Action Line C5.***

Implementaion mechanim

ITU Strategic Framework
Global Cybersecurity Agenda (GCA)

Inputs from ITU Sectors (ITU-T, ITU-R)	Inputs from ITU-D (Study Groups)	Inputs from membership and relevant players

Elaboration of agreed strategies

Implementation at national regional and international level
Special focus on Developing Countries
Multi-stakeholder approach

More information

- ITU Global Cybersecurity Agenda
  http://www.itu.int/cybersecurity/gca

- ITU activities in Cybersecurity
  http://www.itu.int/cybersecurity/

- WSIS Action Line C5: Building confidence and security in the use of ICTs
  http://www.itu.int/osg/csd/cybersecurity/WSIS/index.phtml

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