



Civil Communications Planning for “Emergency Planners” in NATO

Lígia Ferreira
CO-CHAIR, IRCSSG (Communications)
07 June 2011

- 1) **Introduction - General Overview**
- 2) **Who are we**
- 3) **What do we do and how**
- 4) **What are our priorities**
- 5) **Our Expertise**
 - . **Experts**
 - . **Training**
- 6) **Conclusions**



NATO
OTAN

CIVIL EMERGENCY
PLANNING

PLANS CIVIL
D'URGENCE

Introduction

- **CEP Community**
 - Emergency Planning
 - Preparedness
 - National Responsibility

- **The Planning Groups**
 - Continuity of Government
 - Support to Military Authorities
 - Support to National Authorities
 - Support to Population

- **IRCSG** (Industrial Resources and Communications Services Group)

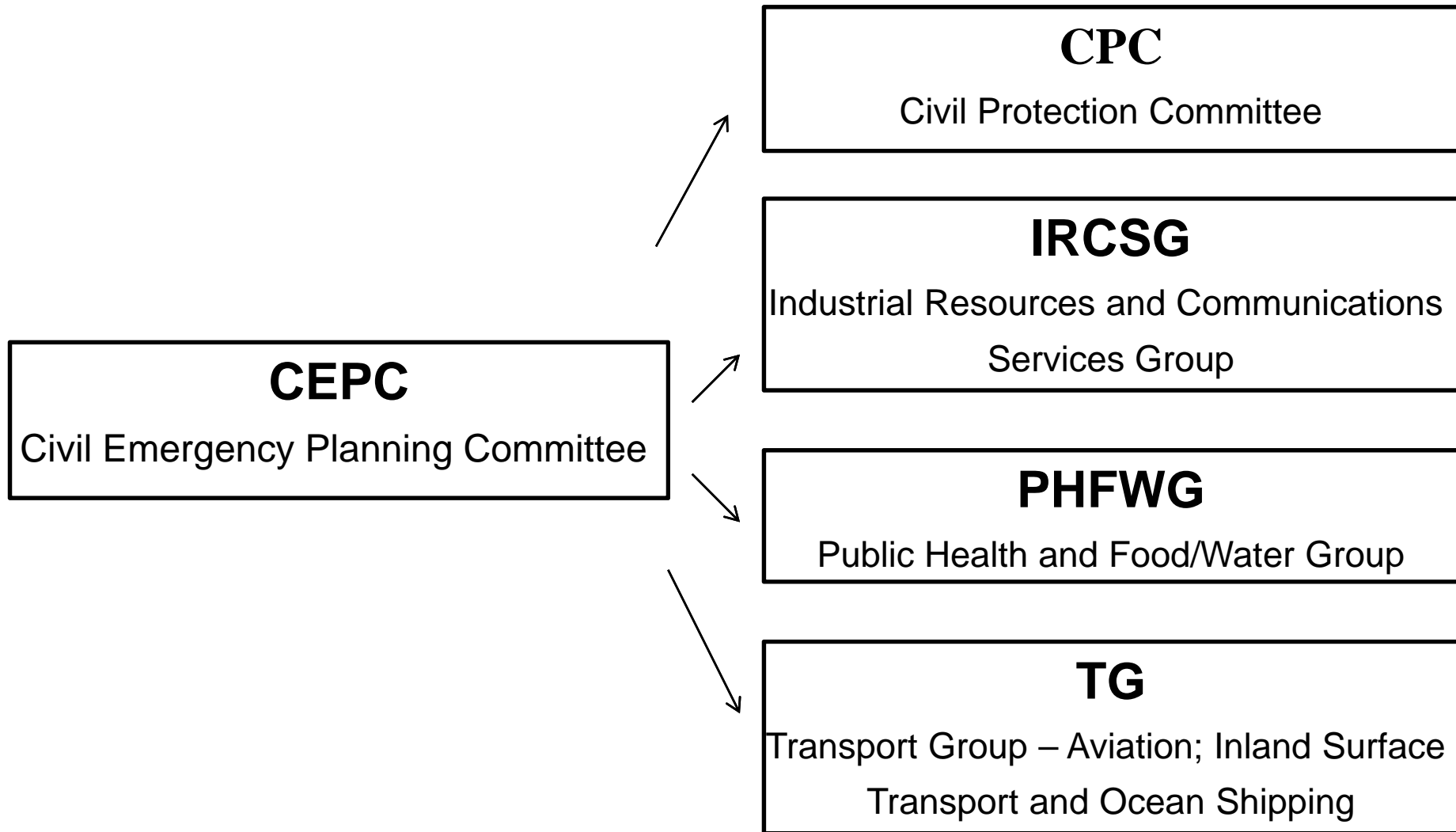


NATO
OTAN

CIVIL EMERGENCY
PLANNING

PLANS CIVIL
D'URGENCE

The Planning Groups





NATO
|
OTAN

CIVIL EMERGENCY
PLANNING

PLANS CIVIL
D'URGENCE

IRCSG - Who are we

- **Terms of Reference**
- **Composition (Seniors members)**
- **Role and Responsibility**
 - Emergency preparedness arrangements
 - Continuity and availability of communications in emergencies
 - Support to military
 - Support to national authorities
 - Experts



NATO
|
OTAN

CIVIL EMERGENCY
PLANNING

PLANS CIVIL
D'URGENCE

IRCSG - What do we do and how

Work Program

- **Ministerial Guidance**

- Political Guidance

- **Support to Military**

- Planning and Conduct of Operations

- **Support to National Authorities**

- Support of protection of populations, territories and infrastructures

- **Partnerships**

- EAPC

- MD/ICI

- Contact Countries

- I.O.

Support to Military Authorities

- Analyse and advice on non-military communications assets and multi national solutions to satisfy NATO defence planning requirements.
- Assist in the assessment of nations' responses to Defence Capability Survey.



NATO
OTAN

CIVIL EMERGENCY
PLANNING

PLANS CIVIL
D'URGENCE

IRCSG-What do we do and how

Support to National Authorities

- Support capacity building in Afghanistan
- Vulnerabilities to computer technology applied to SCADA
- Effects of evolving commercial, multinational trends
- Emerging threats
- Other Planning Groups



NATO
OTAN

CIVIL EMERGENCY
PLANNING

PLANS CIVIL
D'URGENCE

What are our priorities

Priority Items

1. Analyse current and evolving civilian information/communication technologies, procedures and regulations that affect Alliance civil-military information exchange.
2. Contribute to Alliance Cyber Defence (CD) events and activities.
3. Exchange national experience and best practices on the vulnerabilities and protections of IT systems in the industrial, energy and manufacturing infrastructure sectors.
4. Exchange information and best practices on Critical Information Infrastructure Protection and analyse on regulatory issues in the postal and electronic communications sectors.
5. Establish working relationships with relevant international postal and electronic communications agencies and organizations.

NATO UNCLASSIFIED



NATO
|
OTAN

CIVIL EMERGENCY
PLANNING

PLANS CIVIL
D'URGENCE

What are our priorities

BENEFECIARY

*IN SUPPORT OF
THE NATO
MILITARY
AUTHORITIES*

*IN SUPPORT OF
NATIONAL
AUTHORITIES*

PROJECT

TASK: Analyse the potential impact on NATO operations of use by ISAF command structure and personnel of social network systems (Facebook, Twitter, etc)

Value Added: Inform NMAs of opportunities and risks associated with using social networking systems to communicate in a NATO area of operations.

Task: Analyse vulnerabilities from cyber attacks on critical infrastructure process control systems (i.e., nuclear, electrical, transportations).

Value Added: Inform nations of risks, preventive measures, and mitigation of cyber attacks.



NATO
|
OTAN

CIVIL EMERGENCY
PLANNING

PLANS CIVIL
D'URGENCE

What do we do and how

Partnerships

- Allies with: Partners Countries
(Total cooperation and support)
- Allies with MD/ICI Countries
- Allies with Contact Countries
- Exchange of Information
- Training and Exercises
- Support
- Consultancy

Electronic Communications Experts

Areas:

- High Level
- Radio Networks and Spectrum Usage
- Cyber Security
- CIIP (Critical Information Infrastructure Protection)
- Emergency Planning and Response
- Broadcasting
- Consequent Management
- Operational Capability
- Satellite Communications
- Legislation

Postal Experts

Areas:

- High Level Expert For Postal Services
- Postal Services Regulatory / Industry Expert On International Organizations
- CIP (Critical Infrastructure Protection)
- Consequent Management
- Cyber Security
- Emergency Planning and Response
- Operational Capability

- ⇒ Training Seminars
- ⇒ Workshops
- ⇒ Training Sessions for New Recruited Experts
- ⇒ Exercises in the field
- ⇒ Table Top Exercises
- ⇒ E-learning

IRCSG:

- Response to NATO requests for support
- Assist and support NATO with technical/commercial analysis
- Provide civil support and advice to the NATO in its work on cyber defence military
- Support NATO to national and commercial civilian defence information and organizations cyber
- Help improve the protection of our key civilian systems against cyber attacks information

Thank you for the attention.

Lígia Ferreira