

CNPIC

CENTRO NACIONAL DE PROTECCIÓN
DE INFRAESTRUCTURAS CRÍTICAS



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DE ESPAÑA

MINISTERIO
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CNPIC as coordination centre in Spain

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CRITICAL INFRASTRUCTURES : DEFINITION

“Those physical resources, services, and information technology facilities, networks and infrastructure assets which, if disrupted or destroyed, would have a **major impact on the citizens’ health, safety, security or economic well-being, or on the effective functioning of the government”**



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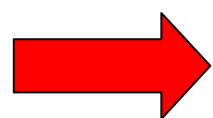
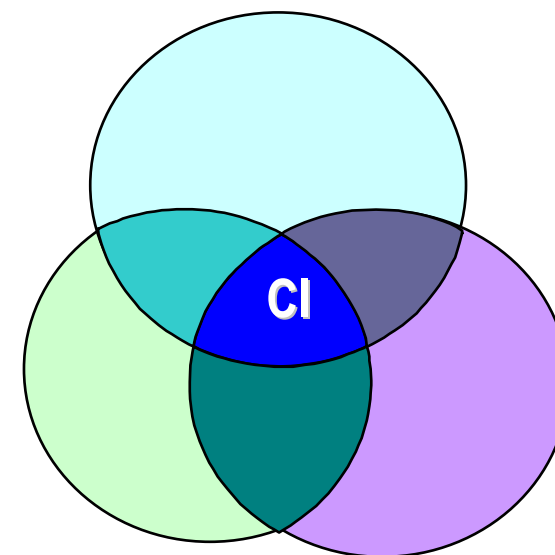
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SHARED RESPONSIBILITY

- **Security** is a basic human need
- **Public security** is an exclusive responsibility of the State

- **CI protection** is responsibility of
 - State
 - CI operators
 - CERTs (ICT scope)
 - Citizens (ICT scope)



CI protection can only be provided **if each and every actor accept their responsibility**



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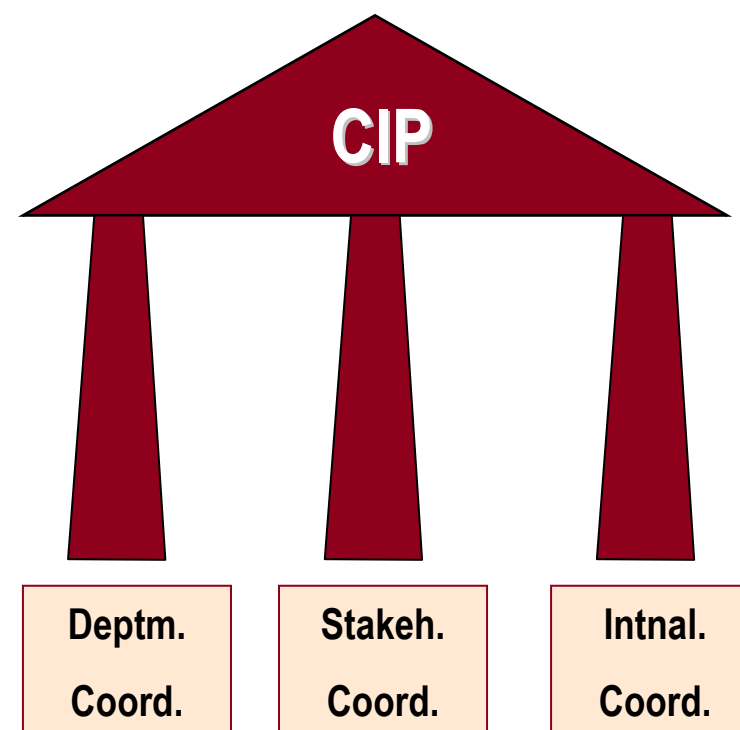


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REQUIRED ACTIONS

- Inter-Department Cooperation
 - Coordinated by CNPIC
 - Legal measures
 - Draft of a national strategy
 - Permanent Working-Group
- Cooperation with stakeholders & agencies
 - CERTs coordination -> **ES-CERT-CC**
 - Sectoral Working-Groups
 - Interchange of information & procedures
 - Legal bindings & Best Practices:
Supervision by CNPIC
- International Cooperation
 - EPCIP
 - Essential for ICT





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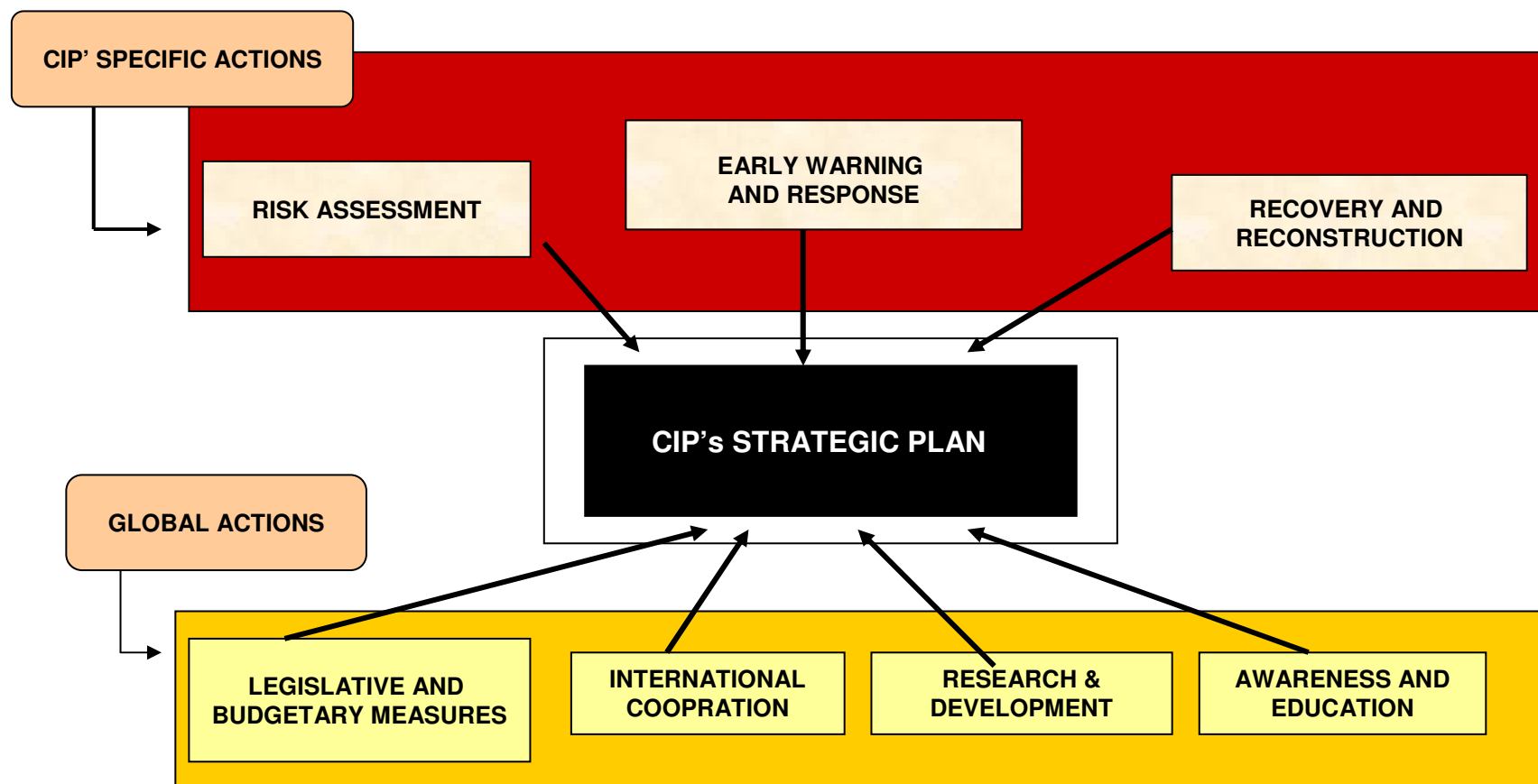
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CIP STRATEGIC PLAN



CIP's STRATEGIC PLAN ELEMENTS



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STRATEGIC PLAN IN THE FIELD

OWNERS & OPERATORS

- Specialized working groups (CIIP WG)
- Meetings for the identification of CI
- Informal relationship



LAW ENFORCEMENT UNITS

- Being part of the CIIP working group
- Information sharing
- Helping in the infrastructures' assessment

STAKEHOLDERS & AGENCIES

- Inter-Ministerial commission
- Inter-Departmental working group
- Nomination of representatives (Sectoral POCs)
- Designation of experts for specialized meetings





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STRATEGIC SECTORS



- Energetic
- Nuclear Industry
- IT
- Transports
- Water /sewage
- Food
- Health
- Finance / banking
- Chemical Industry
- Space
- Research
- Administration

Subsectors?
Segments?



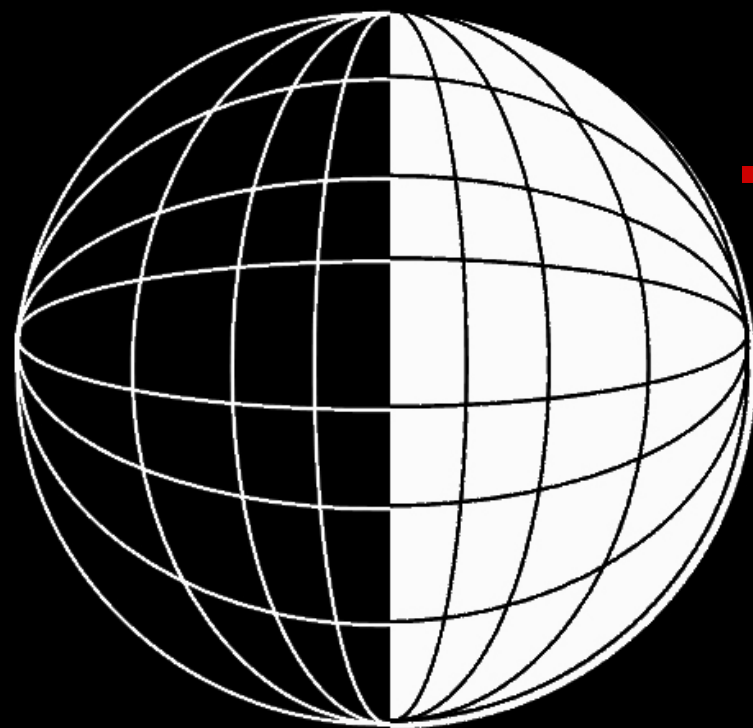
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STRATEGIC INFRASTRUCTURES NATIONAL CATALOGUE



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ACTIONS IN COURSE



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COOPERATION WITH CERTs

● WHY?

- Actual know-how about cyber-incidents
- Dedicated and specialized in the ICT incident response

● GOALS

- Coordination at national level
- Communication at international level
- Knowledge about cyber incidents
- Support law enforcement
- Efficient response to incidents on critical infrastructures



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CIIP LIFECYCLE





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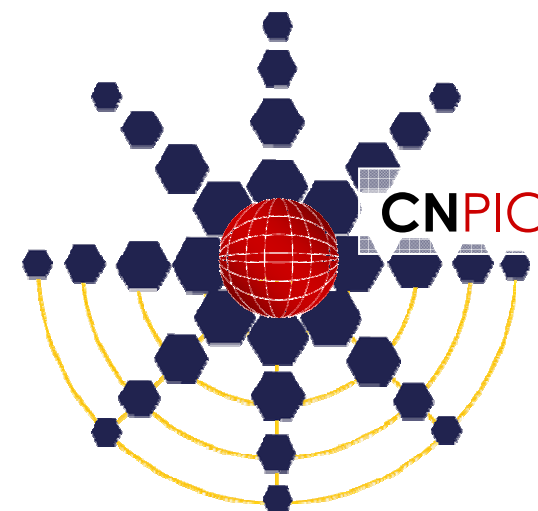


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CNPIC MISSIONS

- It's basically a coordinating agency
- Threat & risks assessment
- Catalogue custody
- Supervision & participation on projects, research & funding programmes
- Open channels of information, communication, coordination & alert with:
 - CERTs
 - Other departments
 - Stakeholders and agencies
 - Police Forces
 - International counterparts (POC)





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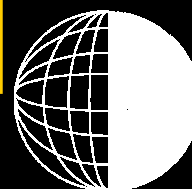
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