



**NATIONAL SECURITY CABINET
PRESIDENCY OF BRAZIL**



**THE ROLE OF FEDERAL
GOVERNMENT IN THE
BRAZILIAN NUCLEAR SECTOR**

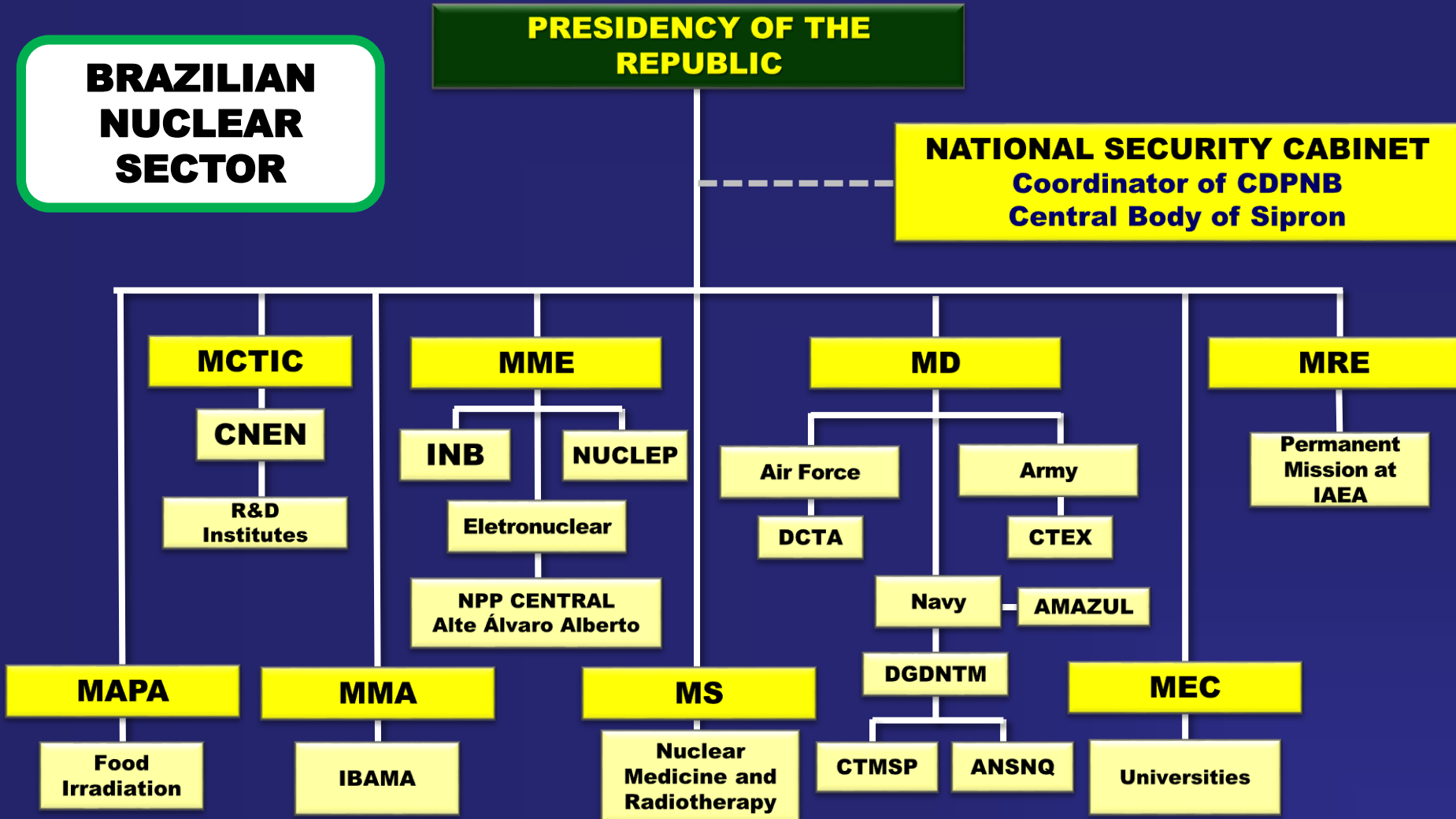
INAC 2019

Executive Roundtable – Nuclear Power

Admiral Antônio Capistrano



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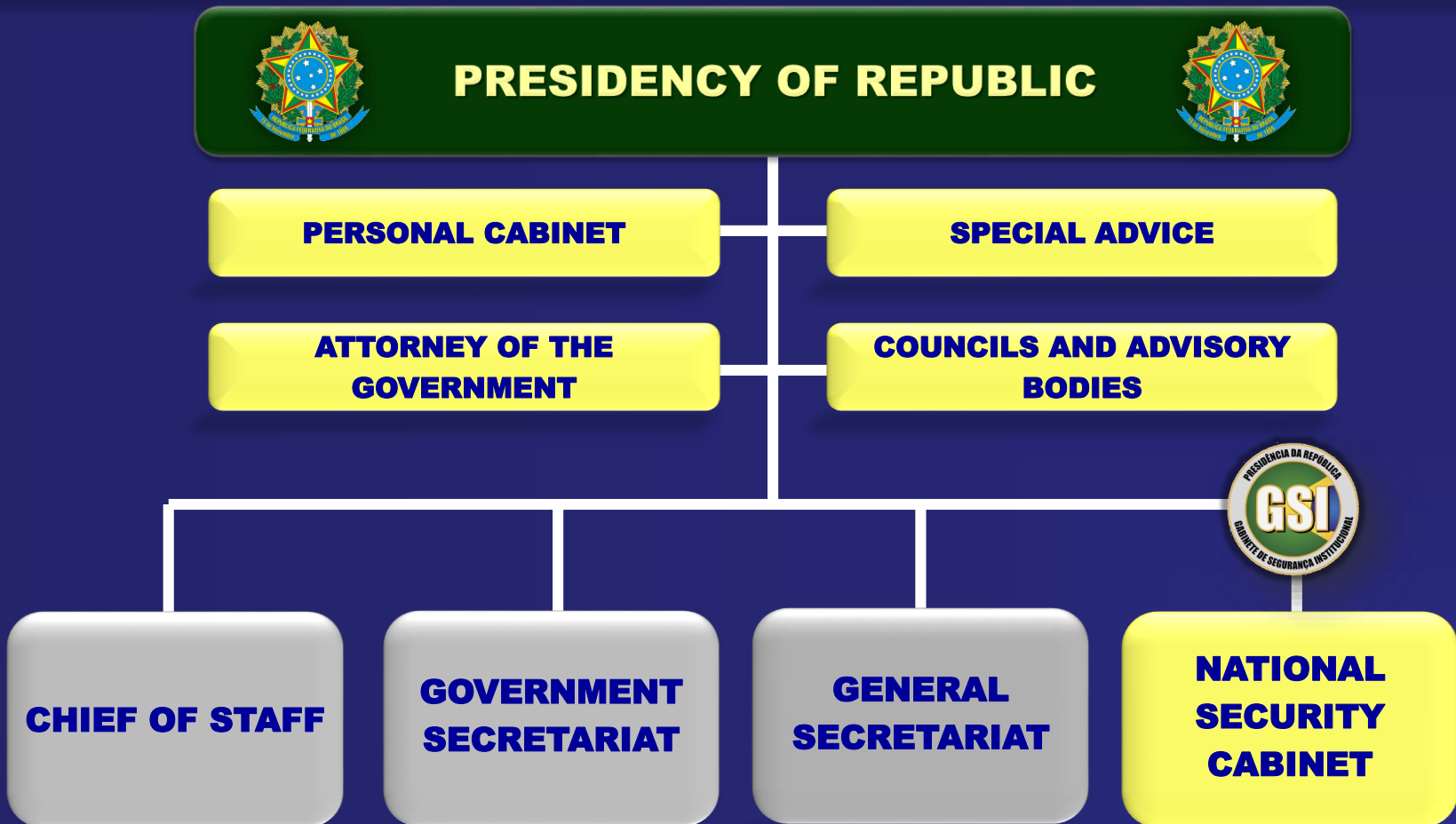




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PRESIDENCY OF THE REPUBLIC STRUCTURE

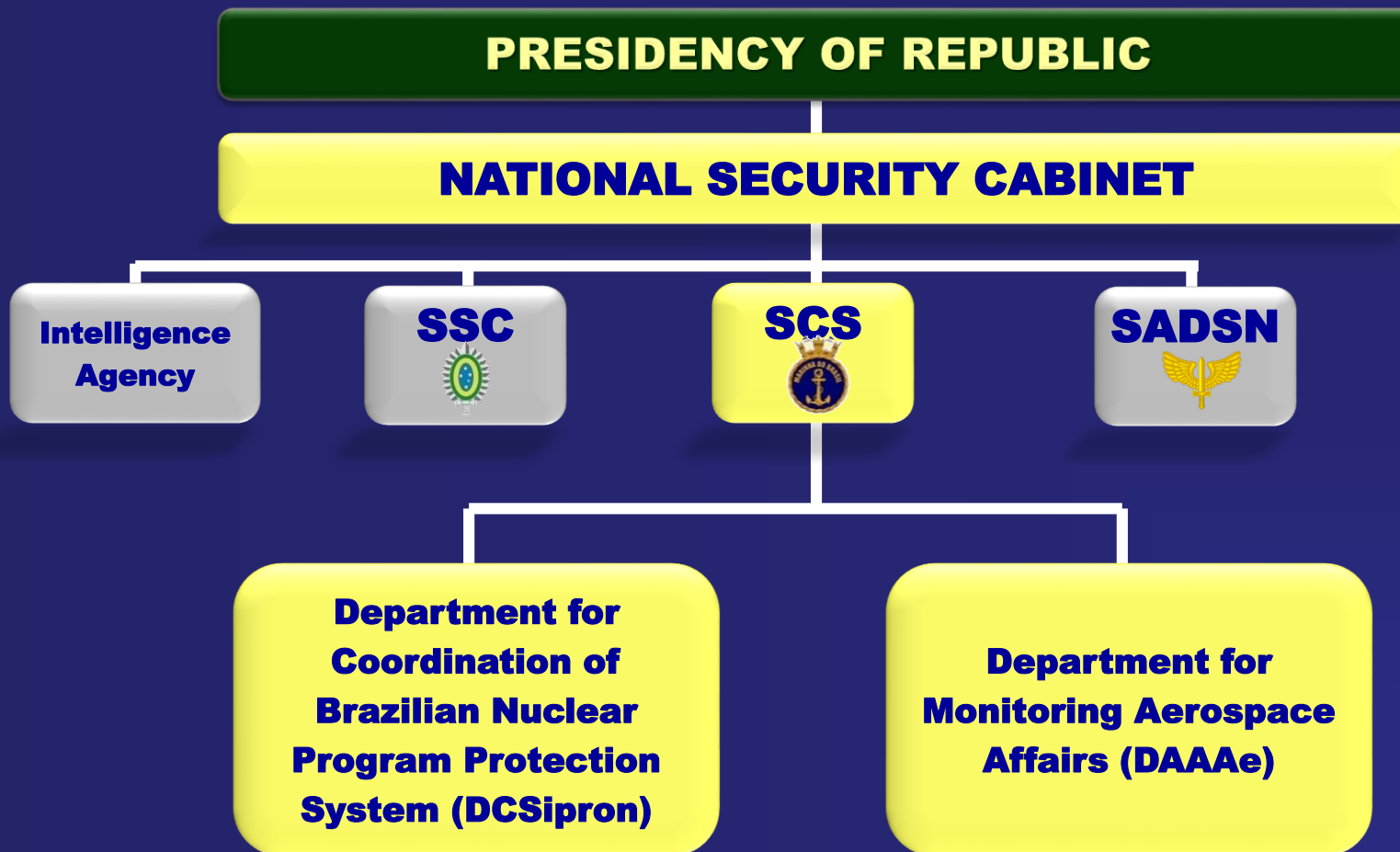




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SYSTEMS COORDINATION SECRETARY STRUCTURE

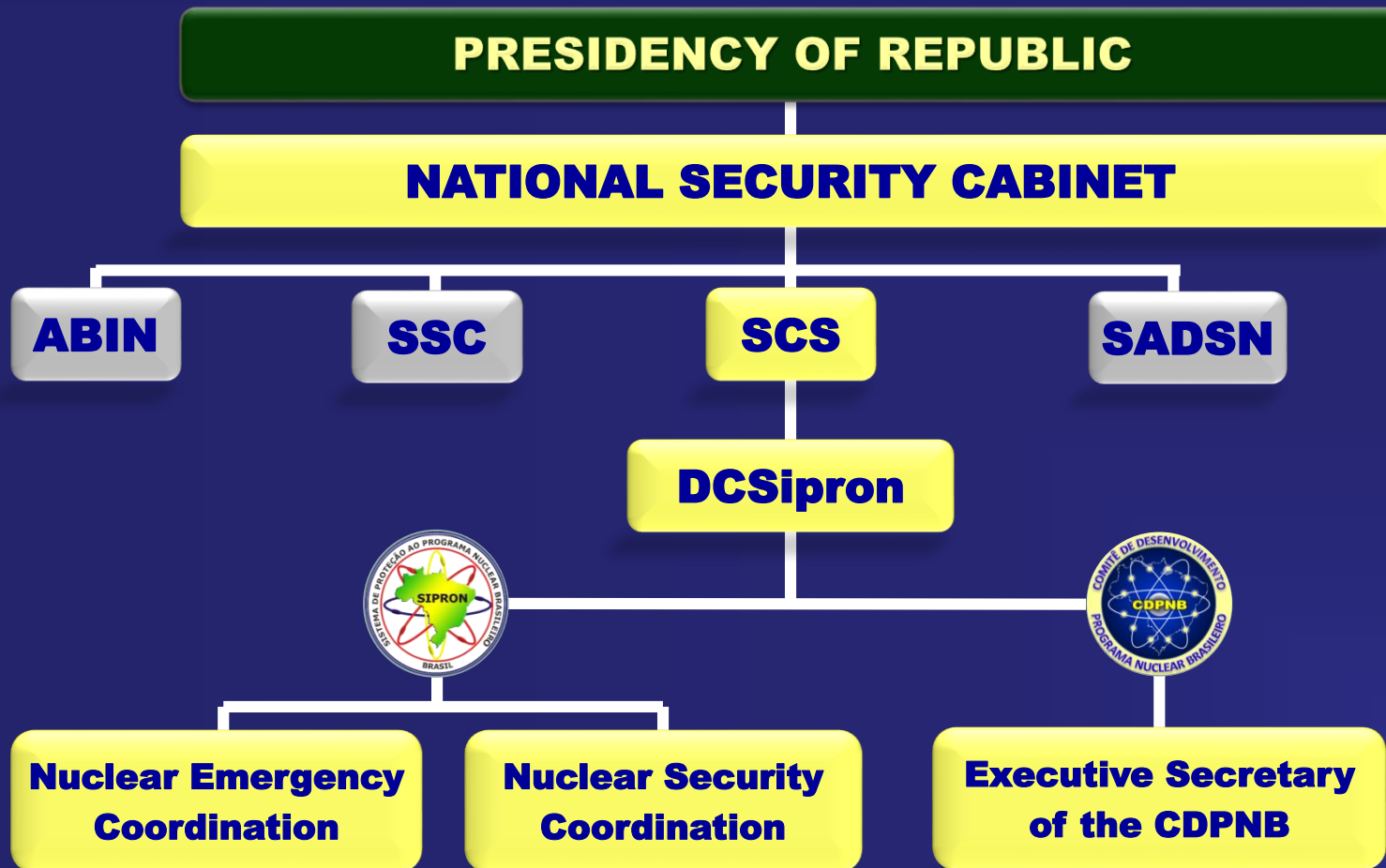




NATIONAL SECURITY CABINET PRESIDENCY OF BRAZIL



DCSIPRON STRUCTURE





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GOVERNMENT ROLE IN NUCLEAR SECTOR



**CENTRAL BODY OF THE
BRAZILIAN NUCLEAR
PROGRAM PROTECTION
SYSTEM**



**COORDINATOR OF THE
BRAZILIAN NUCLEAR
PROGRAM DEVELOPMENT
COMMITTEE**

**PROTECTION + DEVELOPMENT
OF THE BRAZILIAN NUCLEAR PROGRAM**



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SYSTEM FOR PROTECTION OF BRAZILIAN NUCLEAR PROGRAM



Presidência da República
Casa Civil
Subchefia para Assuntos Jurídicos

LEI Nº 12.731, DE 21 DE NOVEMBRO DE 2012.

Institui o Sistema de Proteção ao Programa Nuclear Brasileiro - SIPRON e revoga o

Law nº 12,731, November 21st, 2012 – Institutes the SIPRON

A PRESIDENTA DA REPÚBLICA, faço saber que o Congresso Nacional decreta e eu sanciono a seguinte Lei:

Art. 1º O Sistema de Proteção ao Programa Nuclear Brasileiro - SIPRON, instituído pelo Decreto-Lei nº 1.809, de 7 de outubro de 1980, passa a reger-se pelo disposto nesta Lei.

Lei
pelo Decreto-Lei nº 1.809, de 7 de outubro de 1980, passa a reger-se pelo disposto nesta
Art. 1º O Sistema de Proteção ao Programa Nuclear Brasileiro - SIPRON, instituído



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SIPRON

**NUCLEAR EMERGENCY
COORDINATION**

**NUCLEAR SECURITY
COORDINATION**

**COORDINATIONS
AND COLLEGIATES**

**RESPONSE
CENTRES**

**EXERCISES AND
DRILLS**

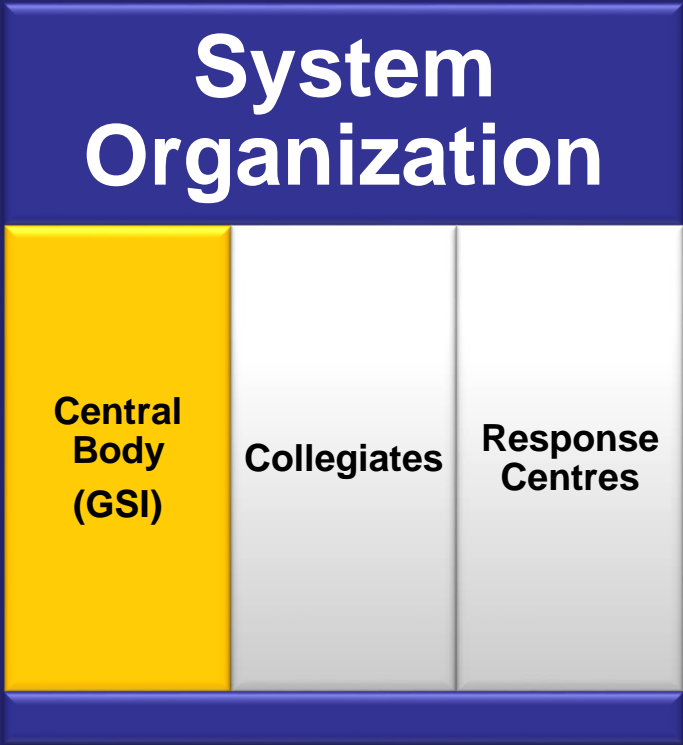
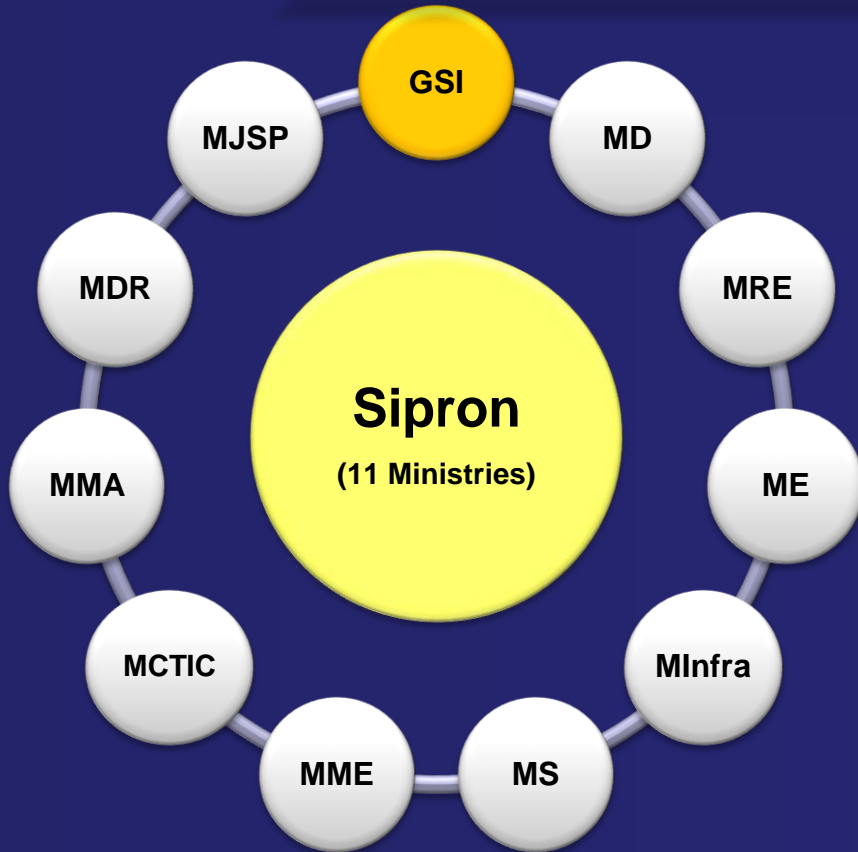




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SIPRON STRUCTURE



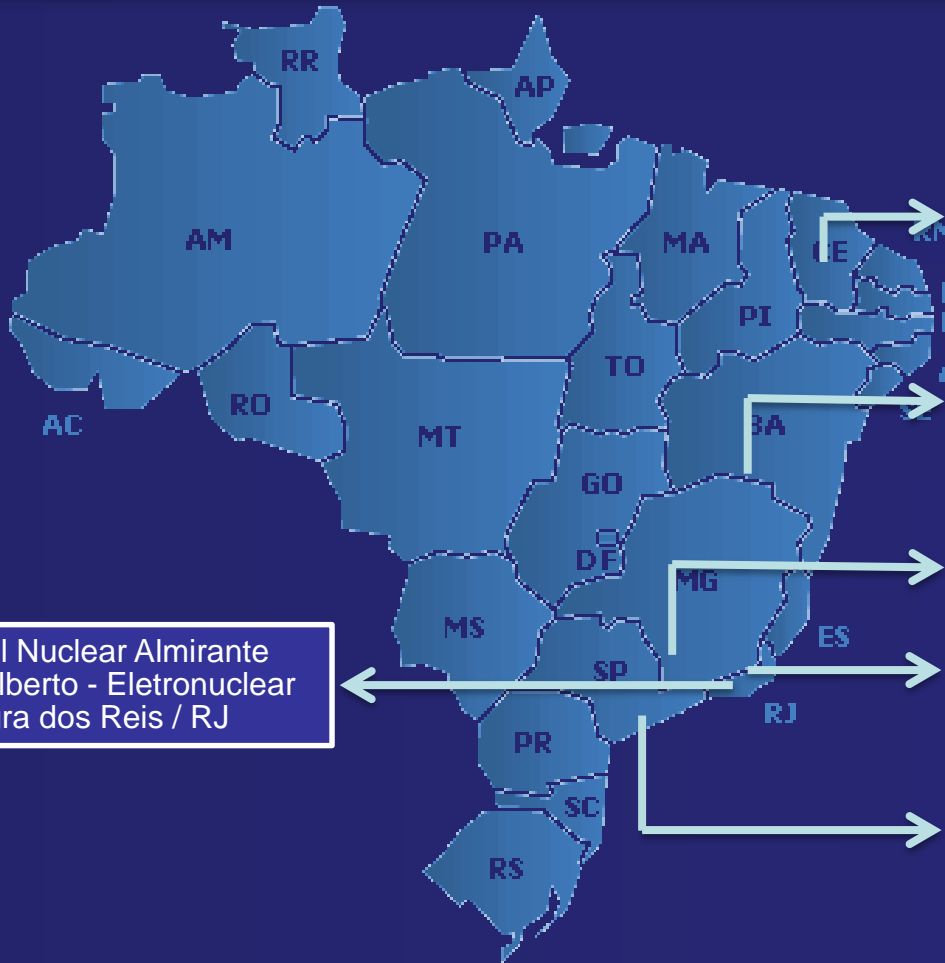
- Nuclear Regulatory Body
- Environmental Regulatory Body
- Agencies and other bodies
- States and Municipalities
- Operators



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SIPRON – MAIN NUCLEAR FACILITIES



Consórcio Mineração de Urânio Galvani – INB
Santa Quitéria / CE



Unidade de Concentrado de Urânio – INB
Caetité / BA



Unidade de Tratamento de Minérios – INB
Caldas / MG



Fábrica de Combustível Nuclear – INB
Resende / RJ



Centro Tecnológico da Marinha em São Paulo - MB
Iperó / SP



Central Nuclear Almirante Álvaro Alberto - Eletronuclear
Angra dos Reis / RJ



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EXERCISES AND DRILLS





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DEVELOPMENT COMMITTEE OF BRAZILIAN NUCLEAR PROGRAM



DIÁRIO OFICIAL DA UNIÃO

Publicado em: 11/06/2019 | Edição: 111 | Seção: 1 | Página: 3

Órgão: Atos do Poder Executivo

DECRETO Nº 9.828, DE 10 DE JUNHO DE 2019

Dispõe sobre o Comitê de Desenvolvimento do Programa Nuclear Brasileiro.

O PRESIDENTE DA REPÚBLICA, no uso da atribuição que lhe confere o art. 84, caput, inciso VI,

Decree nº 9,828, June 10th, 2019 - Establishes the CDPNB

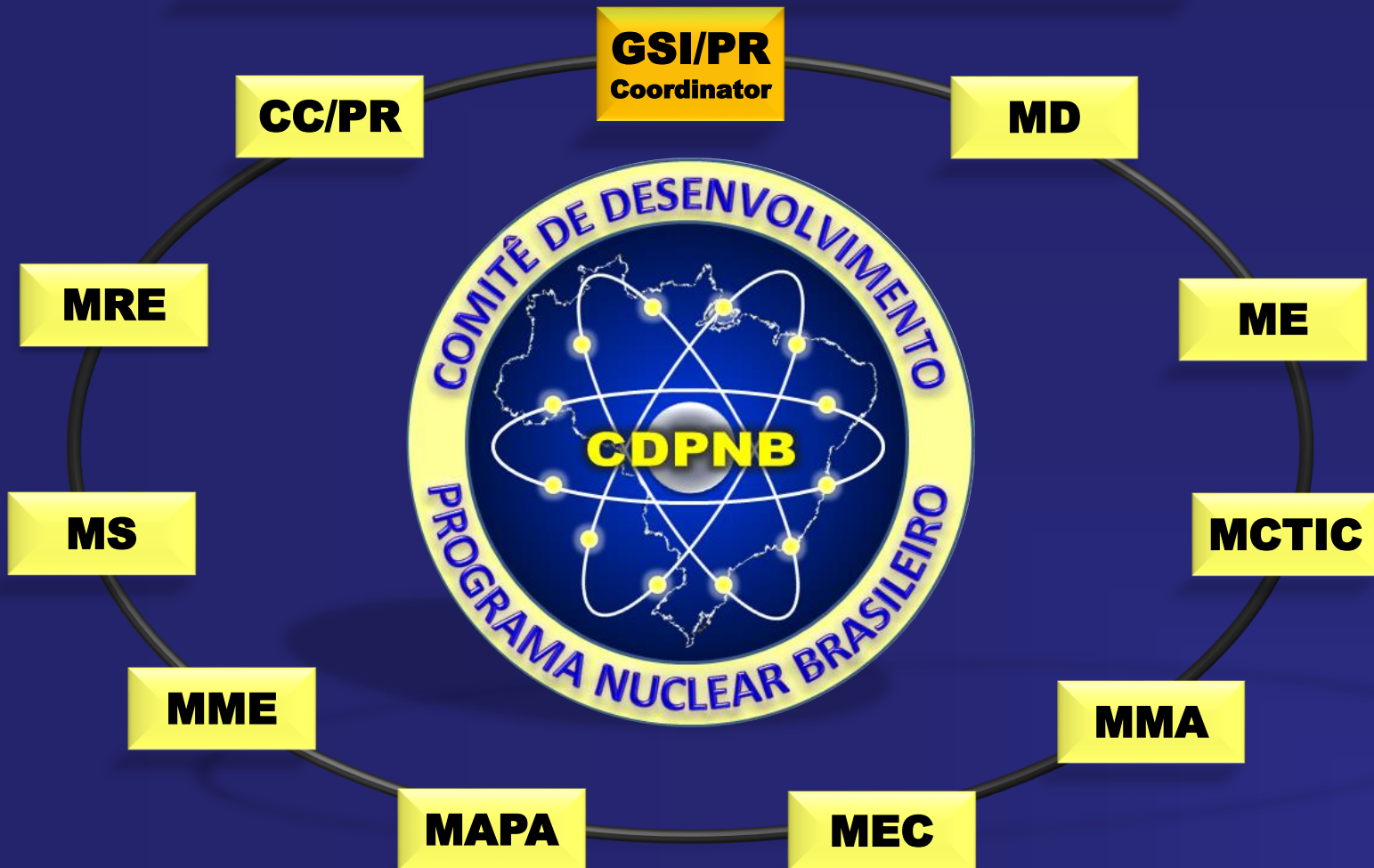
DECRETO:



GABINETE DE SEGURANÇA INSTITUCIONAL DA PRESIDÊNCIA DA REPÚBLICA



CDPNB MEMBERS





NATIONAL SECURITY CABINET PRESIDENCY OF BRAZIL



CDPNB MISSION

CDPNB is coordinated by GSI and has the mission of advising directly the President of the Republic, through a high level collegiate, on the establishment of guidelines and goals for the development and the following up of the BRAZILIAN NUCLEAR PROGRAM, in order to contribute to the **NATIONAL DEVELOPMENT** and to the promotion of **BRAZILIAN SOCIETY WELFARE.**



NATIONAL SECURITY CABINET PRESIDENCY OF BRAZIL



CDPNB STRUCTURE





NATIONAL SECURITY CABINET PRESIDENCY OF BRAZIL



TECHNICAL GROUPS

GENERAL PURPOSE OF THE TECHNICAL GROUPS

TO ANALYSE AND TO STUDY THE MAIN ASPECTS AND ISSUES THAT INFLUENCE THE SECTOR IN ORDER TO ASSURE THE DEVELOPMENT OF THE BRAZILIAN NUCLEAR PROGRAM

FIRST AND MAJOR OUTCOME OF THE CDPNB AND ITS TECHNICAL GROUPS



DECREE N° 9.600, December 5th, 2018

Consolidates the guidelines of the

BRAZILIAN NUCLEAR POLICY





NATIONAL SECURITY CABINET PRESIDENCY OF BRAZIL



MAIN PRODUCT OF THE CDPNB



DECREE 9600, 5TH DECEMBER 2018

Consolidate guidelines for the **Brazilian Nuclear Policy**

PURPOSE

“(...) to guide planning, actions and nuclear and radioactive activities in the homeland, according to the national sovereignty, focusing on the development and on the protection of the human health and of the environment.”

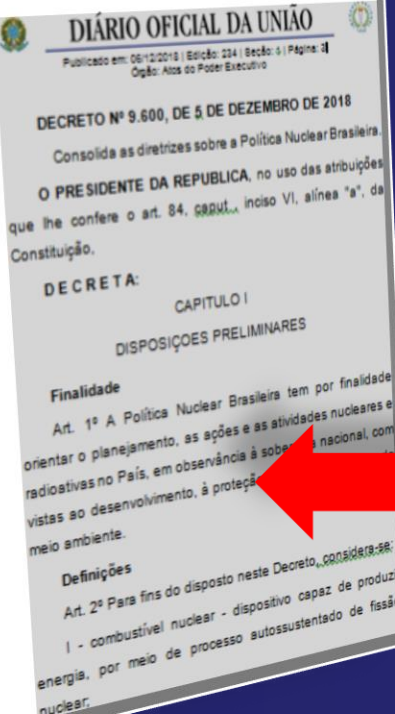


NATIONAL SECURITY CABINET PRESIDENCY OF BRAZIL



PREMISES FOR THE NUCLEAR POLICY DRAFTING PROCESS

NATIONAL POLICY HIGHEST LEVEL DOCUMENT



- **Use of a macro level approach (“what”);**
- **Target audience: brazilian society;**
- **Document with the longest lifetime as possible; and**
- **Opportunity to point out solutions to current obstacles to the development of the sector.**



NATIONAL SECURITY CABINET PRESIDENCY OF BRAZIL



IMPORTANCE OF BRAZILIAN NUCLEAR POLICY



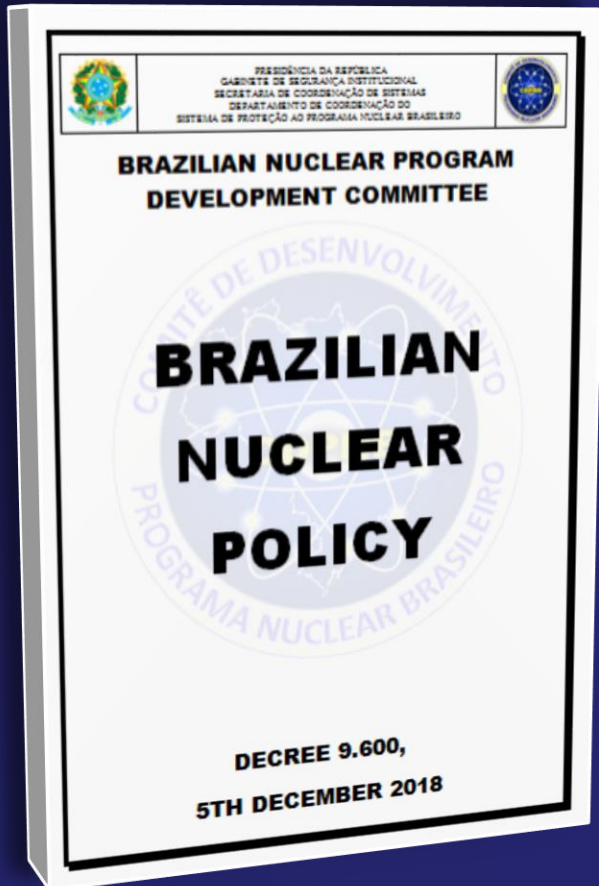
- Fills a gap of about 60 years;
- It presents the objectives for the various segments of the nuclear sector (health, **energy**, **industry**, personnel training, etc.);
- Legal frame of reference for the Brazilian Nuclear Program;
- Its promulgation legitimizes and strengthens several and necessary actions to be undertaken in the nuclear sector; and
- Allows to restructure the governance of the Brazilian nuclear sector.



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IMPORTANCE OF BRAZILIAN NUCLEAR POLICY



“Art 5º. The objectives of the Brazilian Nuclear Policy are:

I - preserve the domain of nuclear technology in the country;

II - meet future decisions of the energy sector regarding the supply of clean and firm energy through the generation of nuclear power;

(...)”



NATIONAL SECURITY CABINET PRESIDENCY OF BRAZIL



MESSAGE FROM THE PRESIDENT OF THE REPUBLIC JAIR BOLSONARO TO THE NATIONAL CONGRESS





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BRAZIL: STRONG NATION

(p.126)

"The Nuclear Sector was restructured with the approval of the Brazilian Nuclear Policy, which contributes to the planning of nuclear and radioactive activities in Brazil, in compliance with national sovereignty, focusing on the development and on the protection of the human health and of the environment."



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STRATEGIC PROJECTS OF THE NUCLEAR SECTOR

Submarino Nuclear Brasileiro



PROSUB



RMB



ANGRA III



LABGENE



**WASTE
REPOSITORY**



DES-SAL



**INDUSTRIAL
IRRADIATOR**



**NUCLEAR
FUSION LAB.**



NATIONAL SECURITY CABINET PRESIDENCY OF BRAZIL



CDPNB STUDY TOPICS



**Public
Policy**



**Uranium
Mining**



**Nuclear
Medicine**



**Regulatory
Structure**



**Food
Irradiation**



**Waste
Management**



**Human
Resources**



**Social
Communication**



**International
Agreements**



NATIONAL SECURITY CABINET PRESIDENCY OF BRAZIL



CDPNB ATTRIBUTES

1 - Broad overview of relevant macro projects and actions of the Brazilian Nuclear Program

2 - Direct advice to the President of the Republic on nuclear subjects

3 - High level political deliberations (Plenary)

4 - Themes reviewed and subsidized by experts (Technical Groups)

5 - Interministerial articulation for proper structuring of the nuclear sector





NATIONAL SECURITY CABINET PRESIDENCY OF BRAZIL



FINAL CONSIDERATIONS



PAST



PRESENT



FUTURE

**STRATEGICS GUIDELINES FOR THE
BRAZILIAN NUCLEAR PROGRAM**



HIGH LEVEL AND POLITICAL DECISIONS AND OUTPUTS



NATIONAL SECURITY CABINET PRESIDENCY OF BRAZIL



THANK YOU!