

KINAC and

INSA Mission & Activities

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KINAC

KOREA INSTITUTE OF NUCLEAR NONPROLIFERATION AND CONTROL

INSA

INTERNATIONAL NUCLEAR NONPROLIFERATION AND SECURITY ACADEMY



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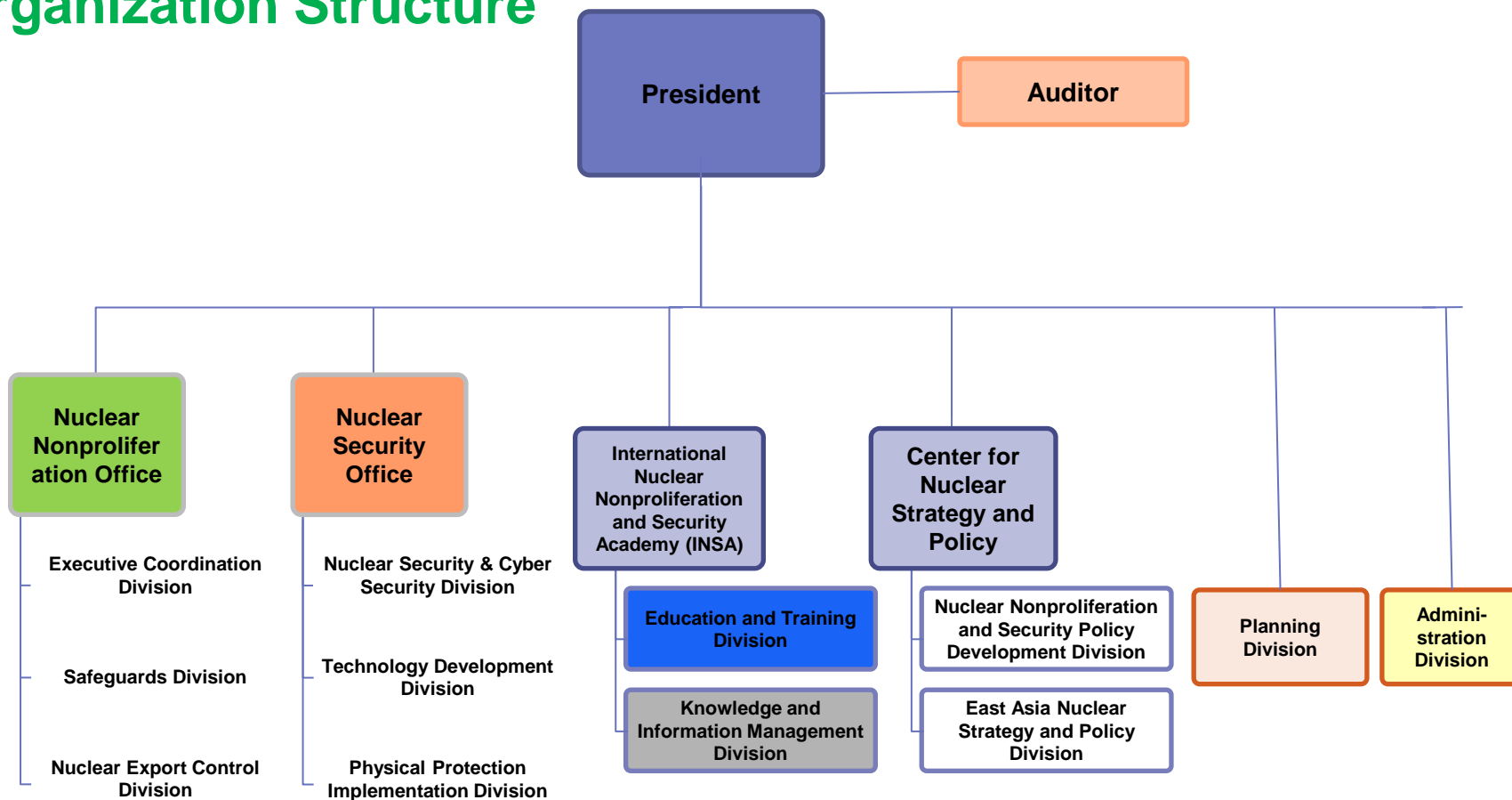
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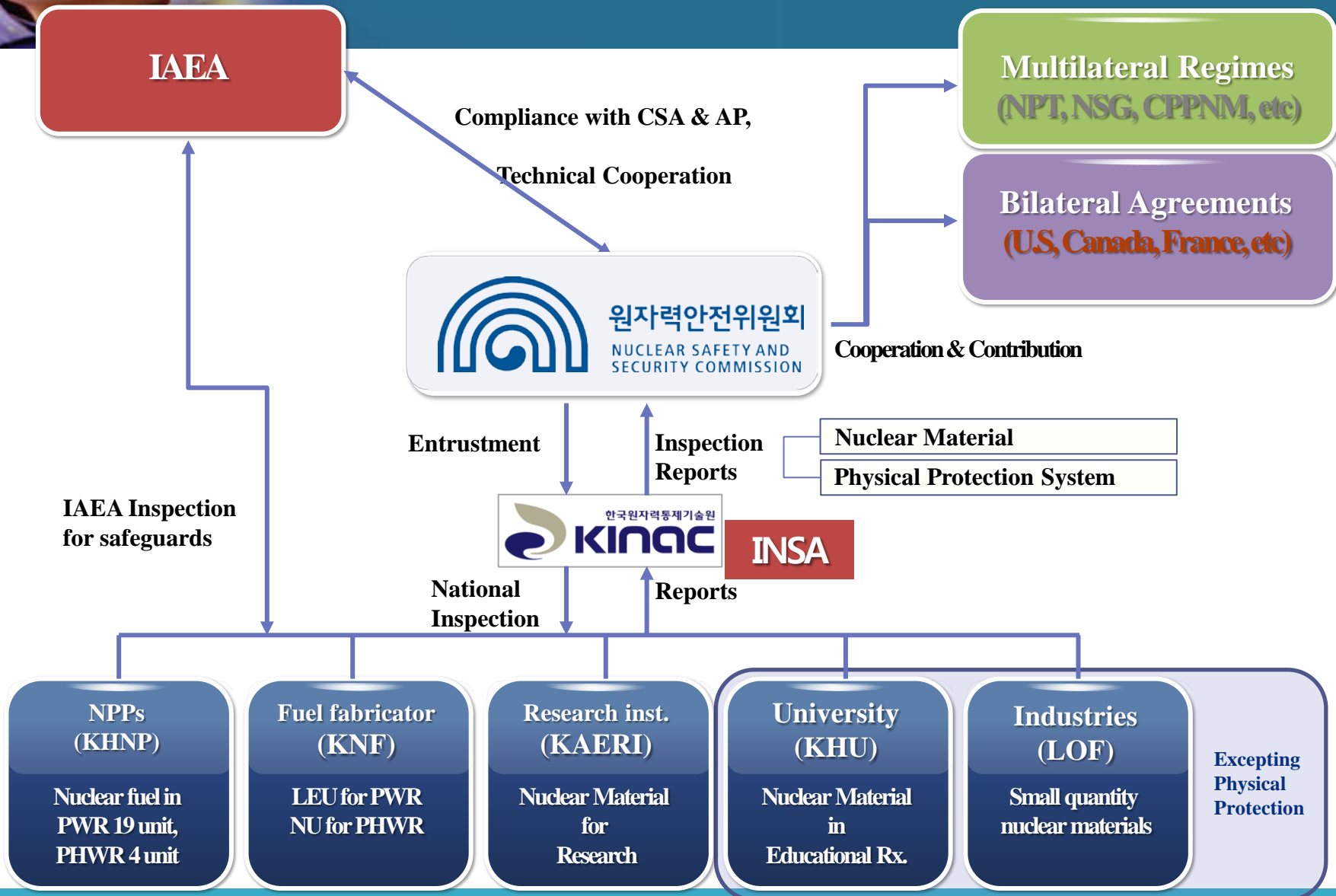
I

Introduction to KINAC

Organization Structure



Regulatory Framework



II

INSA: Vision, Strategy and Works Framework

2012 Seoul Summit

- “ - We also encourage States to promote human resource development through education and training.

In this regard, we welcome the **establishment of Centers of Excellence** and other nuclear security training and support centers ”.



2014 Hague Summit

- **Four-Point Proposal Statement**
- 1) **Holistic Approach**: N. Security, N. Disarmament, N. Nonprolifer.
 - 2) **Regional Dialogue Mechanism**
 - 3) **Overcoming of the Capacity Gap**
 - 4) **Cyber Security**

INSA : Vision, Strategy & Works Framework



INSA: Roles & Activities – (1)

- Develop Program & Course
- Raise Lecturers
- Capacity Building
- Spreading out of Public Awareness

Education & Training

- Assist Emerging Countries
- Reduce Gap

Sharing of Best Practice

COE

R&D Activities

- Using Experimental Facility
- Innovative Upgrade of Security Countermeasure

Technical Support

- International Cooperation
- Transfer Technology

INSA: Roles & Activities – (2)

Program	Courses	
International	1) Basic Nuclear Security	Newcomer Countries (30 pers.)
	2) Fundamentals of Safeguards	Same as Above
	3) Introduction to Export Control	Same as Above
	4) IAEA Regional Training Course Security(Sep.) & Safeguards(Oct.)	Newcomer Countries in Sep. & Oct.
	5) IAEA Inspector Course	IAEA Inspector & Korean
Domestic	1) Nuclear Controls Course	By Law (2 times/year)
	2) Physical Protection Course	By Law(New & Refresh)
	3) Inspector Course	SSAC & N. Security Inspector
	4) Public Course	Teachers, University Students , Municipal Officials around NPPs
	5) High Level Gov. Official Course	Nuclear Security Culture

INSA: Roles & Activities – (3)

'15 International Training Plan

		Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.
International Program	Security		Dry Run Course (9-12)	INSA Course (23-27)		Tech.Meeting (18-22)		Train-the-Trainer Cyber Security (20-23)				workshop (CSP or NS)	
	Safeguards	TTT (19-22)			DRC (13-16)		INSA Course (15-19)				TM		
	Export Control		TM (2-4)			TTT (11-14)				DRC (7-10)		INSA Course (26-30)	
	IAEA RTC						N. Security RTC (5days)		N. Security RTC (10 Days)		Safeguards RTC (26-Nov.6)		
	IAEA Inspectors (NA)										KINAC/INSA	KINAC/INSA	

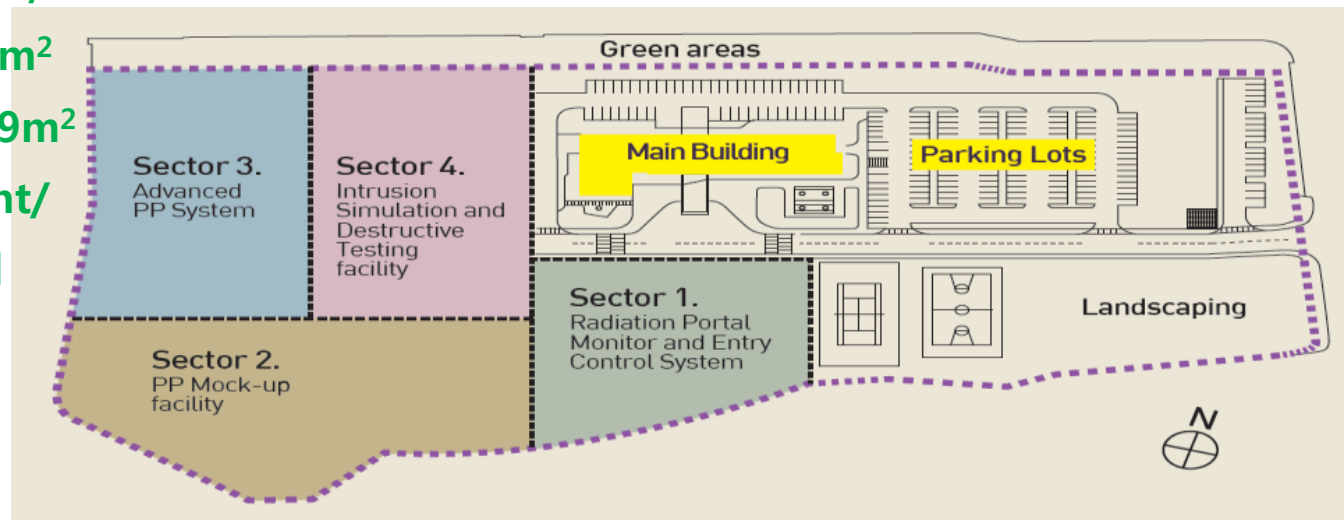
INSA: Roles & Activities – (4)

Overview



Test-bed

- ❖ Location: Daejeon, Korea
- ❖ Lot Area: 44,329m²
- ❖ Gross Area: 4,959m²
- ❖ Scale: 1 Basement/
5 Story Bd



INSA: Roles and Activities – (5)





INSA: Roles and Activities – (6)

- 1st Intl. Nuclear Security Education & Training





INSA: Roles and Activities – (7)

- 2nd Intl. Safeguards Education & Training Course



INSA: Roles and Activities – (8)

- 3rd Intl. Strategic Trade Control Education & Training Course





INSA: Roles and Activities – (9)

- **Cooperation among COEs of the ROK-China-Japan**
 - **Regular Meetings with IAEA** (Vienna, Feb. & August)
 - **Sharing of Course Modules** (INSA - ISCN)
 - **Support of Lecturer** (INSA -> ISCN in Security & Safeguards)
 - **Sending Observers** (INSA – ISCN Mutual Exchange)
 - **Setting a Governmental Cooperation Framework:**
ROK(INSA)-China(SNSTC) on Exchanges of Lecturer and Courses for International Education/Training on Nuclear Security at the 11th ROK-China Annual Nuclear Technology Cooperation Meeting on May, 2014 in Beijing
- **Cooperative Situation & Harmonization**
 - **23% of Nuclear Power Plant of the world located in Northeast Asia**
 - **Common Interest on 3S:** Geographical Proximity
 - **Rapid Development of the China in NPP**(21 Operation, 28 Under Construction) & HRD in Nuclear Safeguards & Security

IV

Conclusion

- **Peaceful Uses of Nuclear Energy for Peace and Prosperity**
- **Prerequisite Condition**
 - **Strengthening of Nuclear Nonproliferation and Security Regime**
 - Strengthening of Nuclear Security Culture and Human Capacity Building
 - Cooperation among Regional COEs: Courses & Lecturers
- **Roles of the COEs in Northeast Asia**
 - **Innovator From the Past to Mutual Interdependence**
 - **Internalization of Common Value : Mutual Respect and Confidence, Co-Existence**
 - **Leadership of the USA : Reducing in Capacity Gap and Spreading out to Other Regions**
 - **Regional Mechanism for Dialogue and Cooperation**





Thank You !

감사합니다



2012 서울
핵안보
정상회의



Nuclear
Security
Summit
Seoul 2012