

Effective Capacity Building Activities

2016. 10. 4.

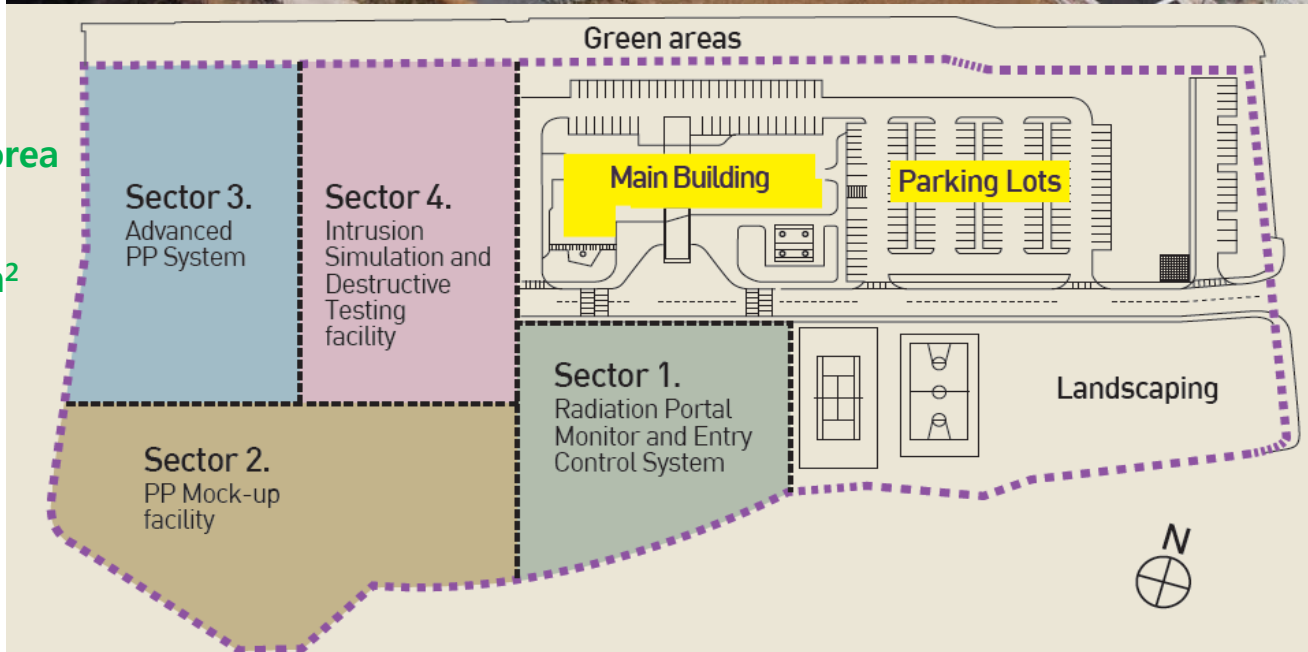
Hyewon Shim

Brief history of KINAC/INSA



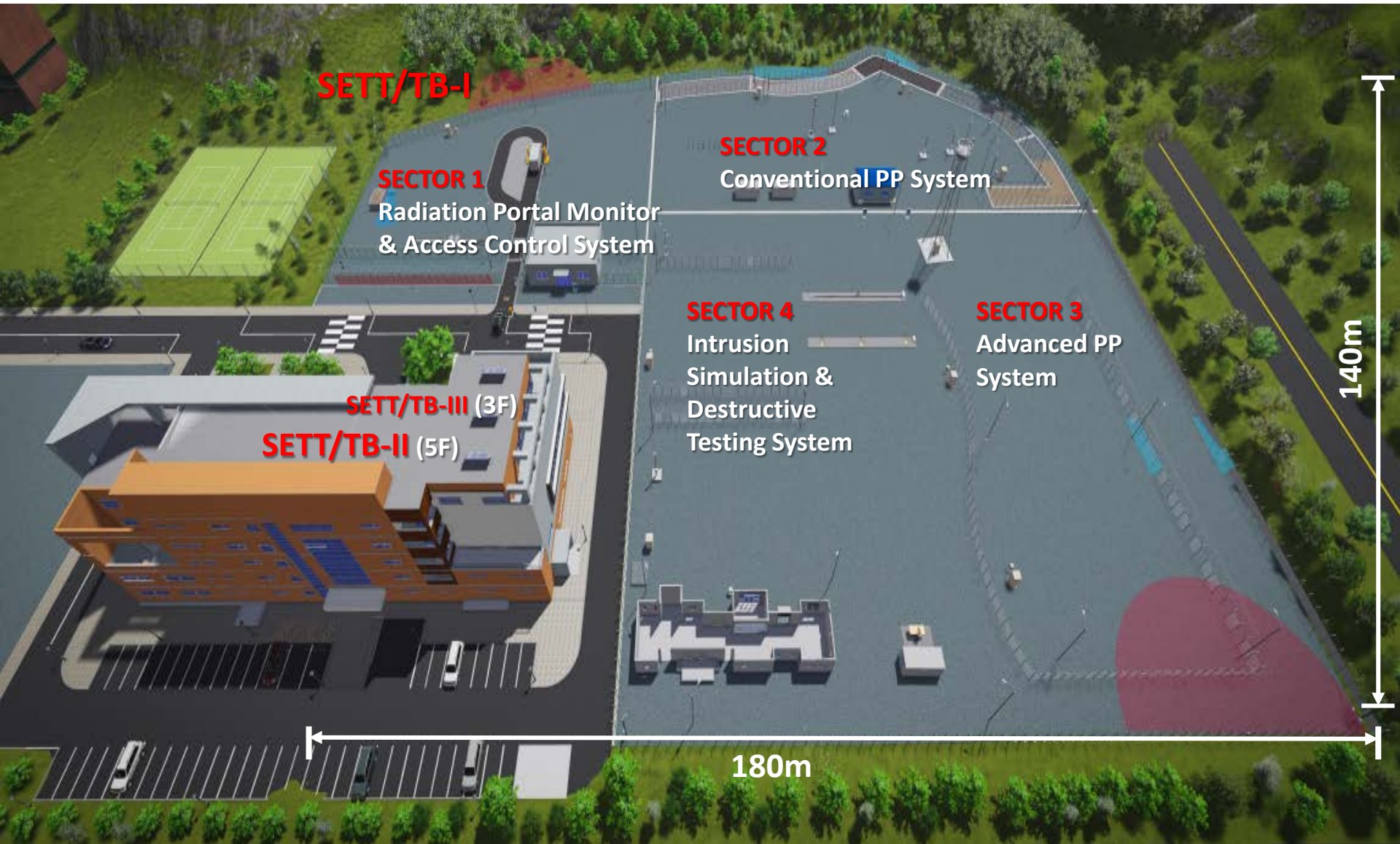
- **2010 Washington Nuclear Security Summit** Promised to establish the INSA for contributing global efforts against nuclear security threats
- **March 2012** Started to construct INSA
- **September 2012** Setup International Nuclear Security E&T Center as an operating body
- **February 2014** Opened INSA
- **March 2014** Delivered the first ITC on nuclear security

INSA Facilities and Equipment



- ❖ Location: Daejeon, Korea
- ❖ Lot area: 44,329m²
- ❖ Building area: 5,148m²
(1 basement/5 story building)

INSA Facilities and Equipment



INSA Vision, Objective and Strategy

Vision

Contribution to the world peace via advance and excellent nuclear nonproliferation and security E&T programs

Objective

- Fostering human resources & experts
- Raising awareness and spreading nuclear nonproliferation and security culture



Strategy

Provides integrated, practical and reliable E&T programs using CRT and Field-Training-Exercise facilities and equipment

International Courses

- ✓ Curriculum : Basic & Intermediate courses developed by INSA
 - Nuclear Security
 - Safeguards
 - Export Control
- ✓ INSA - IAEA Joint Programs : IAEA RTC on Safeguards and Nuclear Security

Domestic Courses

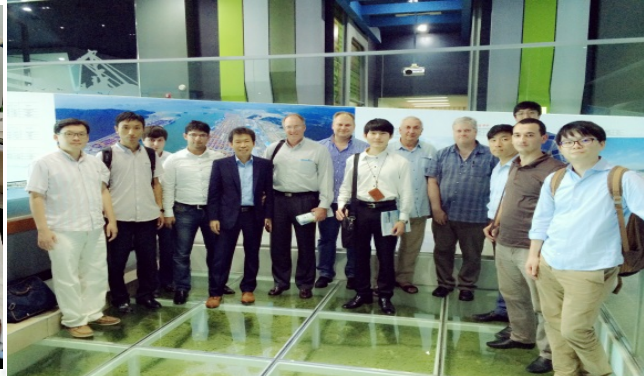
- ✓ Compulsory Education by the '[Atomic Safety Act](#)'
 - Nuclear Controls Course for nuclear facilities' SSAC stakeholders
 - ROK Inspectors Course in SSAC, physical protection and cyber security
- ✓ Compulsory Education by the '[Act for Physical Protection and Radiological Emergency](#)'
 - Physical Protection relevant for nuclear facilities stakeholders
- ✓ Outreach programs spreading nuclear security culture
 - Government officials
 - Academia(Univ. students, junior and high school teachers) and NPP neighborhood

2015 Activities

Course	Participant
International Training Courses*	161 (6 times)
Domestic Training Courses	
Compulsory	1,881
Awareness Programs	615
Total	2,657

* 25~30 people/ITC

2014~2015 Activities (ITC)



2016 E&T Schedule

	Feb.	Mar.	April	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
Nuclear Security											
International Course	◆2/1-5 Nuclear Security DRC	◆3/21-25 Nuclear Security ITC			◆6/13-17 Nuclear Security TM		◆8/30-9/2 IAEA HRD Workshop	◆8/30-9/2 IAEA HRD Workshop	◆10/24-28 IAEA Information & Computer Security		◆12/5-9 Nuclear Security Train The Trainer
Domestic Course	◆2/24 Physical Protection	◆3/30 Physical Protection	◆4/27-28 Physical Protection (Wolsung NPP)	◆5/18 Physical Protection HOT ◆5/25-26 Physical Protection (Kori NPP)	◆6/23 Physical Protection HOT ◆6/29 Physical Protection	◆7/13-14 Physical Protection (Hanul NPP)	◆8/31 Physical Protection	◆9/8 Physical Protection HOT ◆9/28-29 Physical Protection (Hanbit NPP)	◆10/12 Physical Protection ◆10/27 Physical Protection	◆11/24 Physical Protection ◆11/30 Physical Protection HOT	
SG and SSAC											
International Course			◆4/18-22 Nuclear Safeguards Train The Trainer	◆5/25-26 Nuclear Safeguards DR C	◆6/20-24 Nuclear Safeguards ITC	◆7/18-22 IAEA Regulatory RTC		◆9/26-10/7 IAEA ITC on SSAC	◆9/26-10/7 IAEA ITC on SSAC		
Inspector Course								◆9/12-23 IAEA Advanced Comprehensive Inspection Exercise at CANDU and LWR Facilities	◆10/15-26 IAEA Comprehensive Inspection Exercise at Busan Handling Facilities	◆11/14-18 National Inspector Course	
Domestic Course				◆5/17-20 Nuclear Control						◆11/7-10 Nuclear Control	
Export Control											
International Course							◆8/8-8/12 Strategic Trade Control Train The Trainer		◆10/10-14 Strategic Trade Control DRC	◆11/21-25 Strategic Trade Control ITC	
Domestic Course		TBD	TBD		TBD		TBD				TBD
Awareness Program											
Domestic Course				◆5/6 Awareness Program(Gov.) ◆5/9-12 Awareness Program(Gov.)	◆6/9-10 Awareness Program(Gov.)	◆7/5 Awareness Program (Univ.) ◆7/25 Awareness Program(Gov.) ◆7/27 Awareness Program(Univ.)	◆8/4 Awareness Program (Teacher) ◆8/17 Awareness Program(“) ◆8/23 Awareness Program(“)		◆10/17 Awareness Program(Gov.) ◆10/18-21 Awareness Program(Gov.)	◆11/3 Awareness Program(Univ.)	◆12/2 Awareness Program (Student) ◆12/15-16 Awareness Program(Gov.)

■ COE's role as a nuclear security governance

- COE's roles as a practical alternative for nuclear security governance are emphasizing for post-2016 NSS
- Roles of Korea-Japan-China COEs is getting more important and heavier than ever for contributing nuclear security regimes and spreading security culture regional and international-wide



Thank you for your attention!