



**The Abdus Salam
International Centre for Theoretical Physics**



2257-69

Joint ICTP-IAEA School of Nuclear Energy Management

8 - 26 August 2011

Changing Behaviour in Nuclear Industries

Jane LeClair
*Excelsior College, Albany
USA*

Outreach in the Nuclear Field

*Joint ICTP-IAEA School of Nuclear Energy Management
8 August – 26 August 2011*

*Dr. Jane LeClair, Dean
School of Business and Technology
Excelsior College*



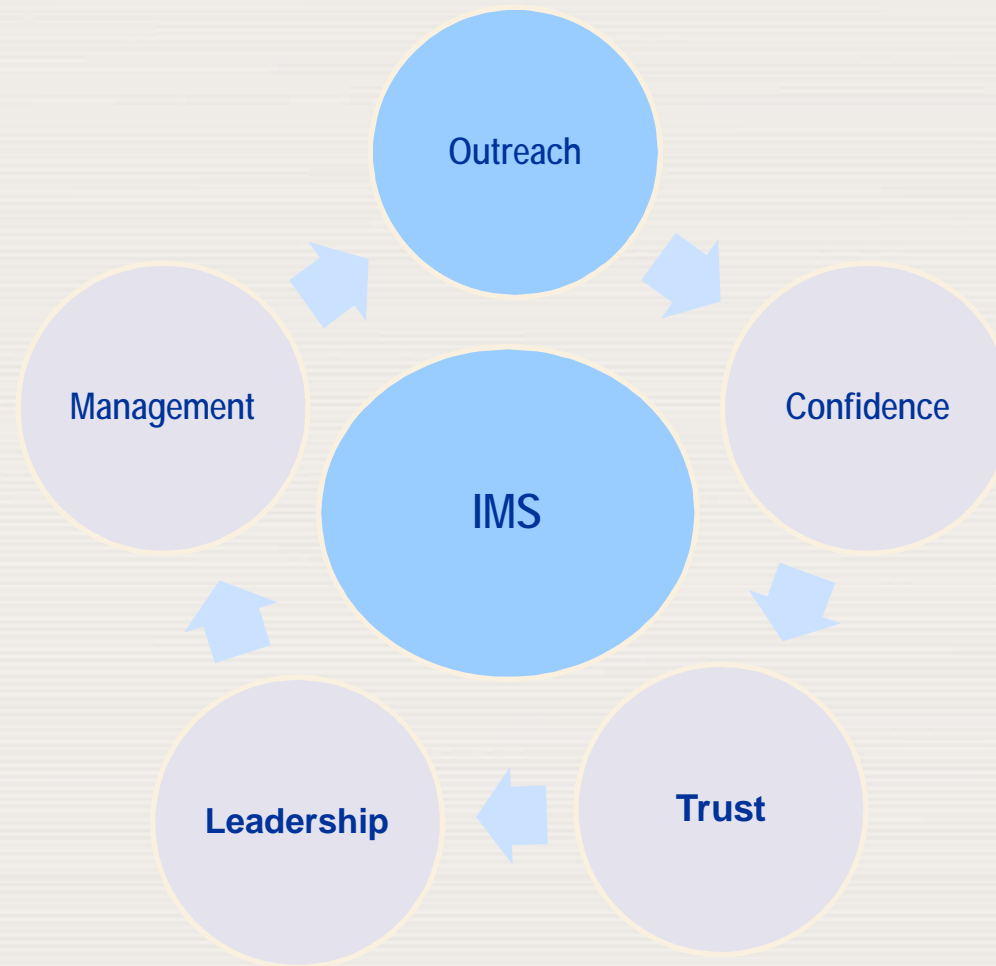
IAEA

International Atomic Energy Agency

Objectives of this Session

1. Identify outreach and collaboration opportunities for the nuclear industry
 - a. Define outreach as it relates to the nuclear field
 - b. Describe the role of outreach with regard to the Integrated Management System
 - c. Discuss various opportunities available for outreach and their benefits

Outreach in an IMS



Definition of Outreach

- An umbrella term for a range of activities that have the end goal of promoting the sciences to the general public and can be achieved through a variety of audiences and methods

University of Waterloo



Integrated Management System

- A single coherent management system in which all the components of an organization are integrated to enable the organization's objectives to be achieved including:
 - Structure
 - ✓ Resources (including knowledge)
 - Processes
 - ✓ Personnel (including core competences)
 - Equipment
 - ✓ Organizational culture
 - ✓ Documented policies and processes



Activity

- During this activity, individuals will:
 - In groups, discuss the role of outreach in relation to the integrated management system

Resources for Outreach

- Governments
- Industry
- Regulators
- Research facilities
- Technical support
- Training organizations
- Educational institutions
- Vendors
- International and professional organizations
- Electronic media
- Manufacturing, construction

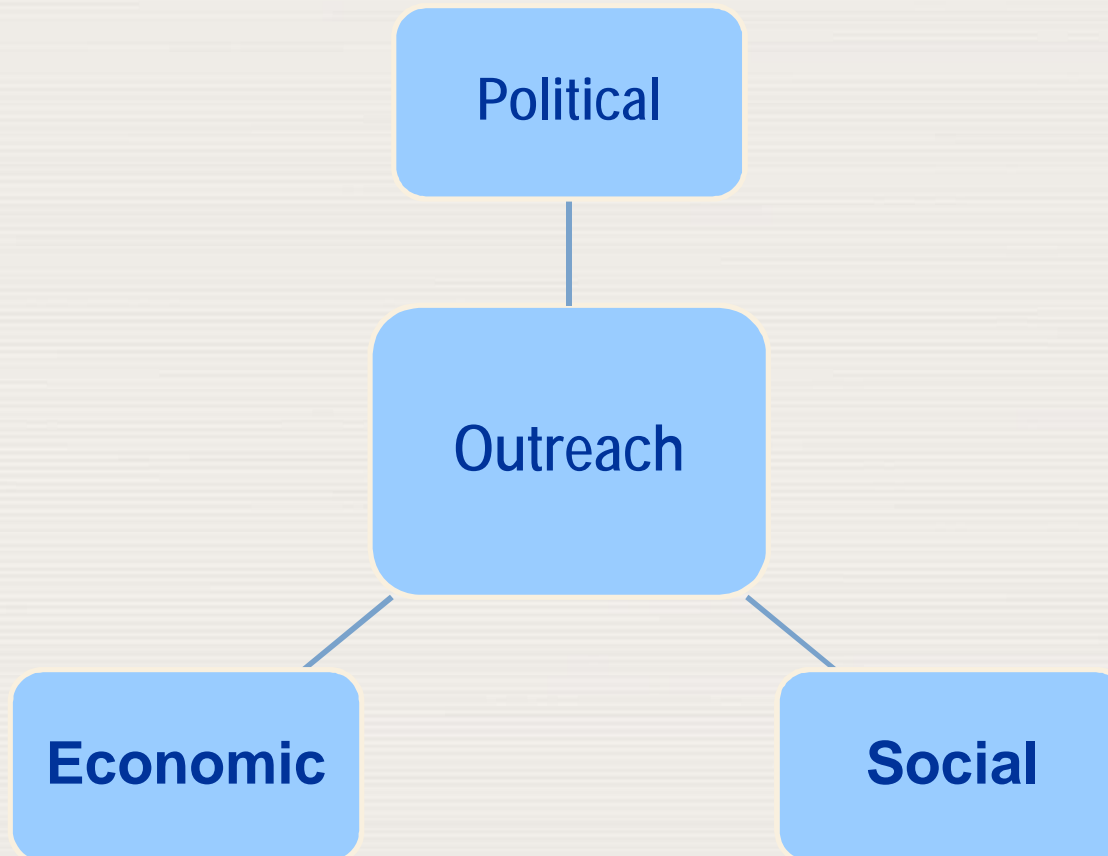


Outreach Activities

- Technical cooperation
- Consulting
- Training/workshops
- Grants and scholarships
- Education – industry partnerships
- Government – industry partnerships
- Job fairs
- Outreach to high schools
- Non-governmental group activities (CERN, NEI)



Outreach



Benefits of Outreach in 3 Arenas

Political

- Helps meet the need for nuclear workers in future laboratories for military/government

Economic

- Generation of jobs, including robust supply chain in new construction and plant life

Social

- Collaboration between industry and institutions on R&D

Activity

- During this activity, individuals will:
 - In groups, select one ***different*** area outreach (that has not been mentioned) that your organization takes part in and explain it to the group
 - Be prepared to share with large group

Objectives of this Session

1. Identify outreach and collaboration opportunities for the nuclear industry
 - a. Define outreach as it relates to the nuclear field
 - b. Describe the role of outreach with regard to the Integrated Management System
 - c. Discuss various opportunities available for outreach and their benefits

Questions

