



# Computer Based Training Application for NPP Cernavoda

Mihail Ceclan\*, Tudor B. Ionescu\*, Rodica E. Ceclan\*  
Florin Tatar\*\*, Cristian Tiron\*\*\*, Luiza Georgescu\*\*\*

\* University "Politehnica" of Bucharest - LTFTE,

\*\* Nuclearelectrica S.A. , \*\*\* NPP PROD Cernavoda



## Agenda

- Romanian Vision on the Development of Education and Training
- Creating the Knowledge Society Training System
- Case Study: Implementing a CBT System at NPP Cernavoda
- Conclusions



## Romanian Vision on the Development of the Education and Training Fields

Europe – The most advanced knowledge based society by 2010

**2000**  
The Lisbon Strategy

- 6 strategic obj.  
- 13 specific obj.  
covering all types of education & training

**2002**  
Training & Education 2010

Plans the effective integration of ICT in E&T (2004 – 2006)

**2003**  
e-Learning Program

Romania's priorities – development of:

- e-Learning and CBT tools infrastructure
- CBT courses and materials
- Public-private partnerships: RoTENSP-Romanian T&E in Nuclear Sciences Platform

Laboratory for Thermal and Fluid Treatment Equipment  
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## Creating the Knowledge Society Training System

- modernizing Romanian educational system means...

**Traditional School**

- face-to-face interaction
- little to no communication outside the classroom
- course materials on paper
- subjective assessment

**Virtual School**

- remote interaction
- online communication outside the classroom
- the computer is used for reading and testing

**Efficient Training System for the New Knowledge Society**

- Are we up to this challenge?

Laboratory for Thermal and Fluid Treatment Equipment  
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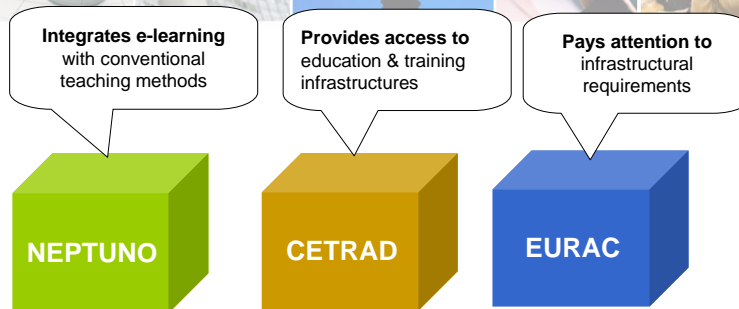
## Case Study: Implementing a CBT System at NPP Cernavoda

- The CBTCenter Platform:
  - Internet/Intranet web application
  - Online reading, assessment, class management
  - Communication facilities: email, chat, forum
  - System administration tool
- CBT courses for NPP Cernavoda:
  - 2005 – Labor Safety (BB-001), Chemical Protection (BB-006), The NPP Site (AB-001)
  - Under development: The CANDU Type NPP (AB-006), Thermodynamics (FB-003)
- Demo



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## CBTCenter corresponds to EU standards



### Conclusion:

- **Thinks European and acts in Romania and South-Eastern EU area**



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# Conclusions

- Modernizing the E&T sector is a strategic Romanian objective
- We have the technology and a played in team: **CBTCenter & LTFTE**
- We gained a valuable experience from the partnership with the Cernavoda NPP
- A tight collaboration between providers and consumers is essential!

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# Thank You. Questions?

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