

# Research Reactors Business at AREVA TA: Status & Perspectives

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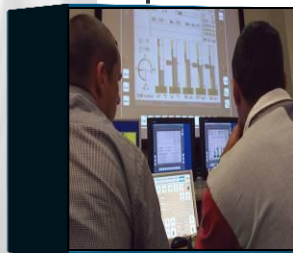
# Introduction

- ▶ **Research reactors market**
  
- ▶ **Choosing an industrial partner: benefits for customers & operators**

# 1st part: Market at a glance

# Research reactors: a way to train today scientific engineers for tomorrow

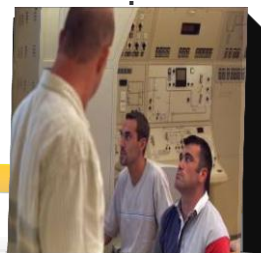
A practical support to teaching reactors physics



A way to maintain competencies



A tool to practice useful experiences in fully safe conditions



A trump card to enhance public acceptance



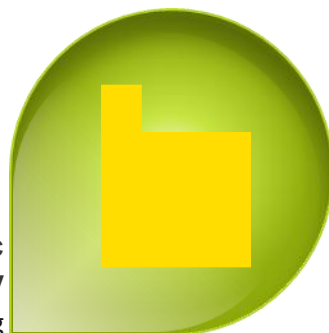
Research reactors dedicated to training are the safest way to make possible various experiences and practices which would be unthinkable on a real-scale NPP.



# Research reactors: An all-in-one tool to answer plenty of industrial & scientific targets

## Support to electronic industry

- Silicon doping



## Support to medicine

- Radio isotope production
- Targets production



## Fundamental research

- Fuels
- Materials



## Ambitious training programs

- More competitive teams
- Worldwide notoriety



1

2

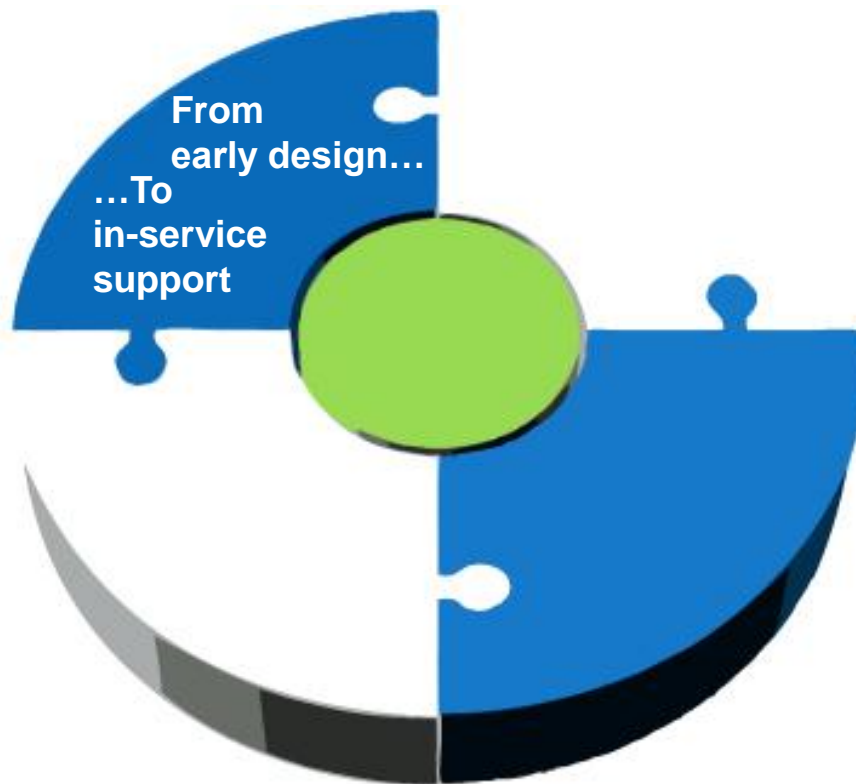
## **2nd part: An industrial partner: Benefits for customers**



# Choosing an industrial partner: benefits for customers



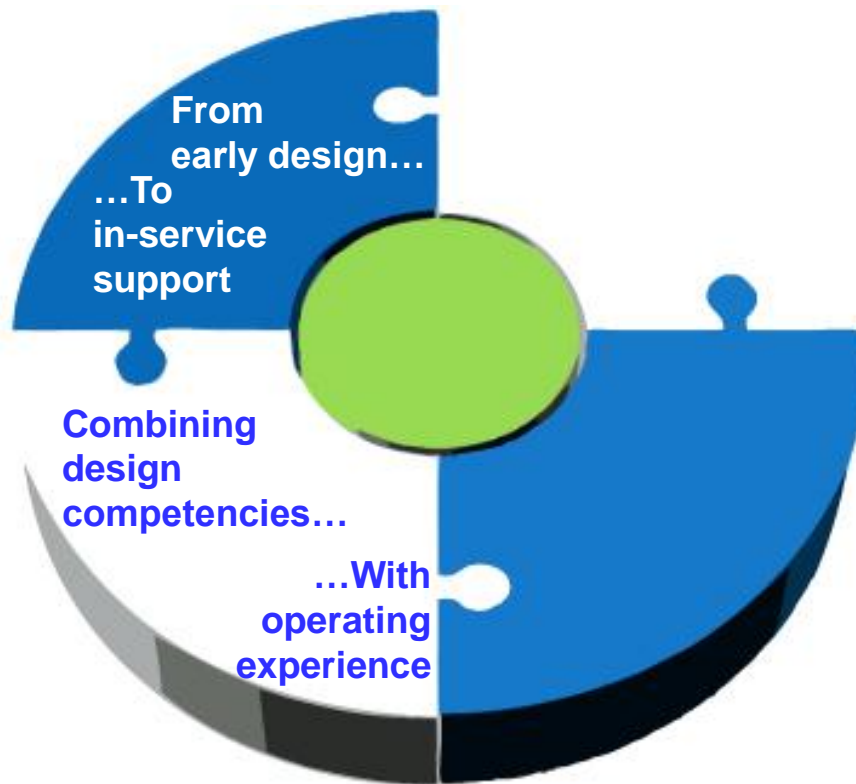
► Maamora Centre: Nuclear Centre, 1999-2005



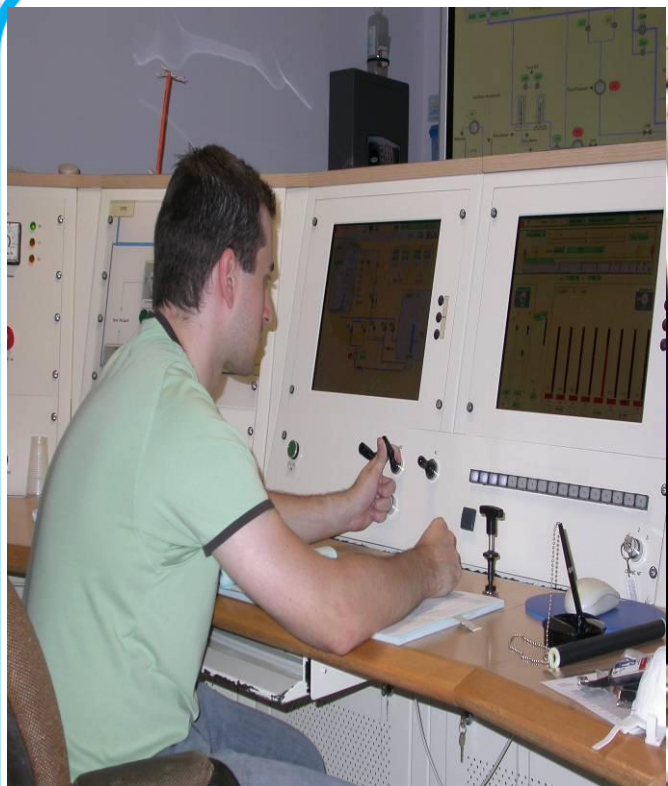
# Choosing an industrial partner: benefits for customers



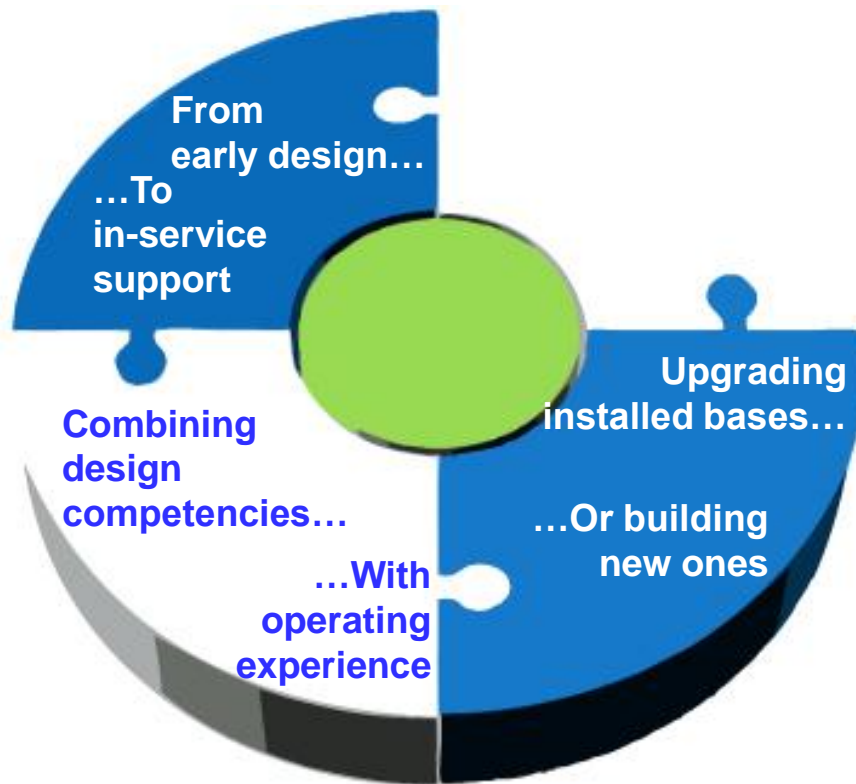
► Simulation for seeing a range of operating situations



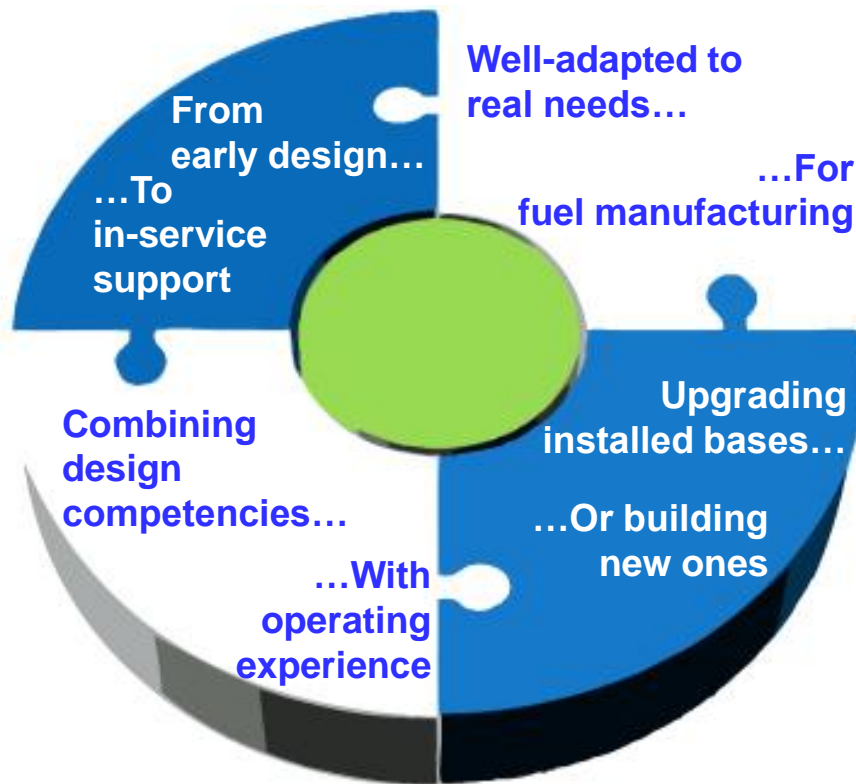
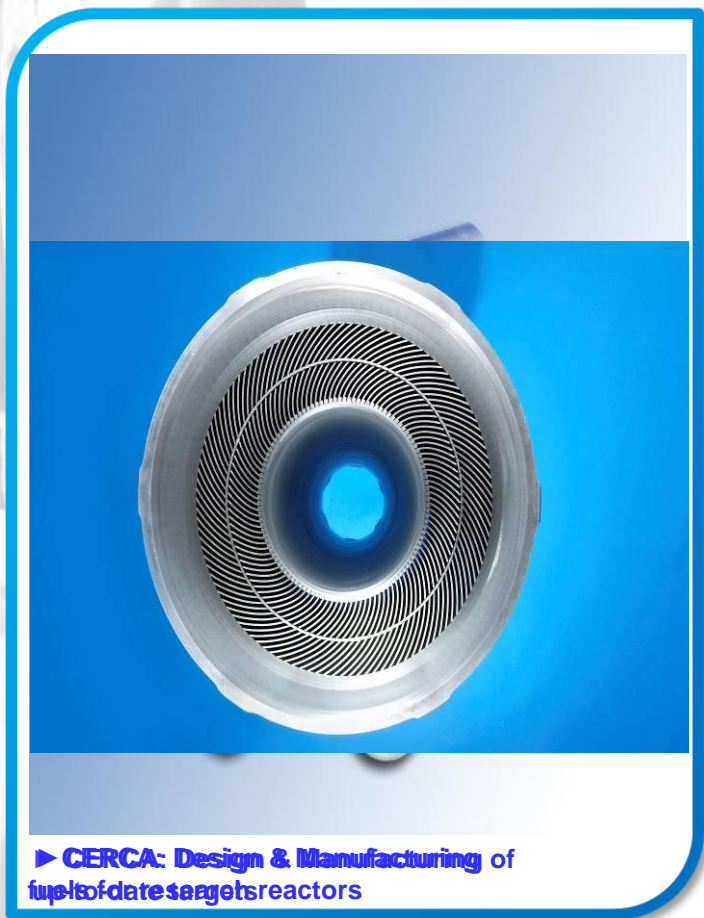
# Choosing an industrial partner: benefits for customers



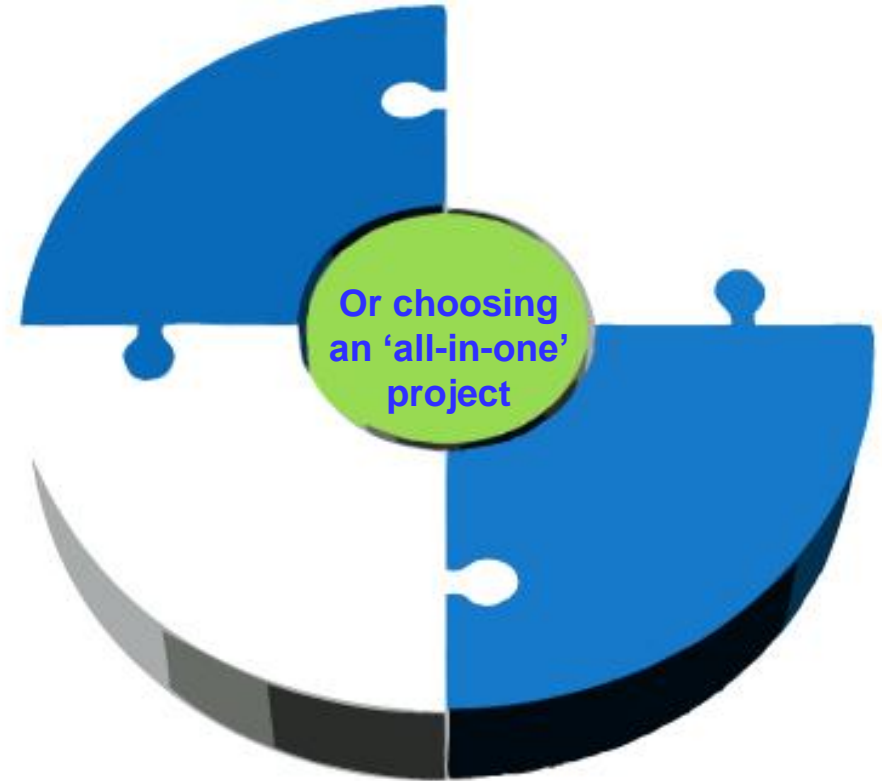
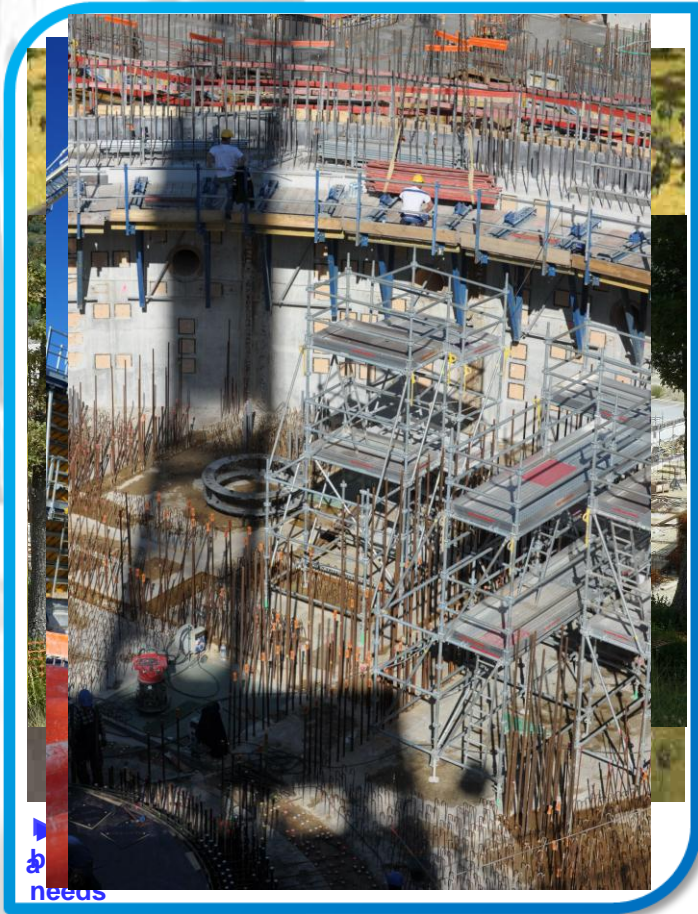
► **Command & Control: AZUR control room**  
*(together BOOs & BO's)*



# Choosing an industrial partner: benefits for customers



# Choosing an industrial partner: benefits for customers



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# Conclusion

**Thank you**

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*Thank you for your attention  
Pleased to meet you at booth  
AREVA*