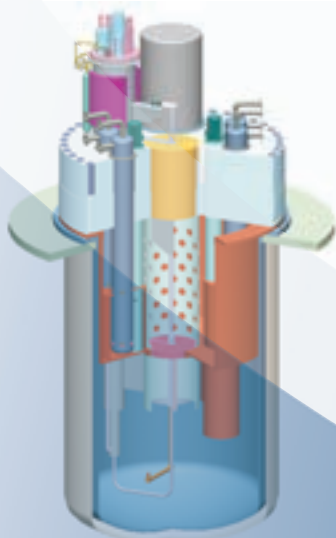


## Scope

The purpose of this symposium is to highlight the importance of continued nuclear research infrastructure investments in Belgium. MYRRHA is an international project for an open user nuclear research facility, which can be realised by a collaboration of policy makers, the scientific community and the Belgian technology industry. MYRRHA will enable innovation in **Science** and **Technology** and will provide **Services**.

Belgium has a tradition of being a pioneer in nuclear technology. Important nuclear know-how developed in Belgium since decades is still being used worldwide today. This reference role in nuclear research could be confirmed by hosting a new and important research facility such as MYRRHA.

At this symposium, the international policy on Gen IV nuclear reactors is explained. In this respect, MYRRHA will also constitute a unique fast neutron research facility. Thanks to the combination of a fast spectrum



sub-critical reactor and a high power proton accelerator, MYRRHA will contribute to innovations in areas that include advanced materials and processes, advanced fuels, advanced sensors and imaging, advanced medical applications and to the reduction of nuclear waste burden by transmutation.



Building a multipurpose research infrastructure such as MYRRHA will have a positive impact on maintaining the interest in nuclear technology education. The project will require the supply of various challenging and innovative components from the Belgian technology industry and will contribute to enhance the know-how of regional competence clusters.

While nuclear reactors are generally associated with massive electricity production, the symposium also focuses on how nuclear technology contributes to addressing the challenges of the post-fossil energy era. It offers methods for non-fossil process heat, nuclear waste elimination and for the development of better components for green energy production and for societal benefit through nuclear medicine.

Finally, questions from the audience will be dealt with during a specific panel session.

## Nuclear energy, THE MYRRHA PROJECT Science Towards Sustainability

Brussels, April 23, 2009

### Registration

Please register before April 13, via  
[veronique.bonneau@agoria.be](mailto:veronique.bonneau@agoria.be)

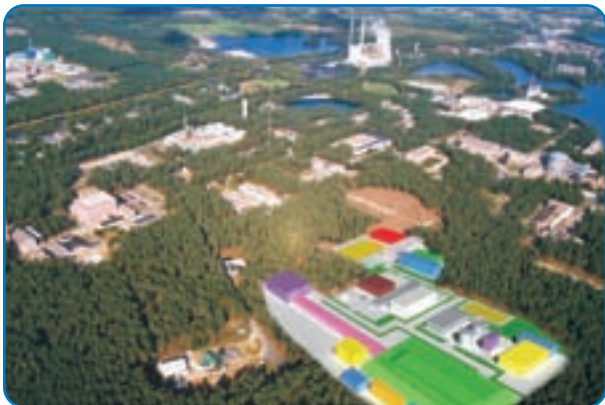
Access plan Diamant Conference Centre





**Brussels, April 23, 2009**

**Nuclear technology,  
THE MYRRHA PROJECT  
Science Towards Sustainability**



[www.sckcen.be](http://www.sckcen.be)

[www.agoria.be](http://www.agoria.be)

**Venue**

Agoria Diamant Conference Centre  
Room Newton ABC, A. Reyerslaan, 80  
BE-1030 BRUSSELS



**Programme**

**14:00-16:00 Presentations**

**Gen IV reactors and European policy**

*Pierre Frigola, EC,  
Conseiller en charge des accords  
internationaux de la politique nucléaire  
de Génération IV*

**MYRRHA, a multipurpose fast spectrum  
research facility for innovative Science,  
Technology and Services**

*Hamid Aït Abderrahim, SCK•CEN,  
Institute Manager Advanced Nuclear  
Systems (ANS) & MYRRHA Project Leader*

**MYRRHA, an innovative engine for  
sustainable regional development &  
European networking**

*Steven Libbrecht, SPK,  
Project Manager Strategic Projects  
Kempen*

**Radionuclides in medical and industrial  
applications**

*Richard Zimmermann, IBA,  
Vice President Radiopharmaceutical  
Development*

**16:00-16:30 Coffee break**

**16:30-17:15 Panel discussion**

**Q&A session and panel discussion with  
speakers**

*Moderator: Christian Dierick from Agoria*

**17:15 Cocktail and networking**

**Contact**

**Information on the content  
of the symposium:**

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