



SCK•CEN at Mol

“Studiecentrum voor Kernenergie - Centre d'étude de l'énergie nucléaire”

The visit of the Belgian Research Centre will include the following installations:

EURIDICE – which stands for European Underground Research Infrastructure for Disposal of nuclear waste In Clay Environment – is the Economic Interest Grouping between ONDRAF/NIRAS (Belgian Agency for Radioactive Waste and Enriched Fissile Materials) and SCK•CEN.

The exhibition in the demonstration hall EIG EURIDICE in Mol offers well-organised information on research and development activities dealing with the possibility of disposing of radioactive waste in deep clay layers. It shows the progress made by current research and sampling.

LHMA (Hot cells) – the laboratory for High and Medium level Activity evaluates the effects of irradiation on materials at use in actual and future nuclear installations

(BR1 – a 4 MWth graphite-moderated, air-cooled reactor)

(Max. 45 pers. allowed if dividing in 3 groups)

Agenda (for 3 groups à 15 pers.):

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|---------------|--|
| 8:00h | Departure ‘Place de Brouckère’ |
| 10:00h | Arrival and check-in at the SCK•CEN main entrance |
| 10:30h | Welcome reception and presentation by Mr. Legrain |
| 11:45h | Lunch in clubhouse |
| 13:00h | Group 1 visit HADES and introduction to EURIDICE
Group 2 visit NMS Institute and introduction HOTCELLS
Group 3 visit of BR1 |
| 14:30h | Group 1 visit to NMS
Group 2 visit to Hades
Group 3 visit to lab Antropogammametrie |
| 16:00h | End of visit |
| 17:45h | Back in Brussels city centre |

Bus shuttles will bring you to the airport if requested.



Tihange NPP

The three pressurized-water reactors (PWR) of Tihange NPP produce 30% of the annual Belgian electricity, making it the prime electricity supplier of Belgium.

Visit of the Tihange NPP, situated nearby Liège, will include a visit of its Training Centre. This Training Centre is equipped with a special infrastructure that simulates about 10 different workplaces in a nuclear environment.

Agenda:

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|---------------|--|
| 8:00h | Departure ‘Place de Brouckère’ |
| 9:30h | Arrival, welcome coffee and security check |
| 10:00h | Visit of the training centre (full scope simulator) with explanations by the trainers |
| 12:00h | Lunch |
| 13:00h | Visit of the site and non-nuclear installations |
| 14:30h | Conclusions |
| 15:00h | End of visit |
| 16:45h | Back in Brussels city centre |

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**IBA Group at Louvain-la-Neuve
(Ion Beam Application S.A.)**

The IBA is well-known for its success in Molecular Medicine, especially for its development of cyclotrons able to diagnose and to treat efficiently a wide range of cancer forms. The world precursor in Particle Therapy expanded activities in the last 20 years responding to the industrial and technological needs which make IBA today the undisputable leader of cancer detection and therapy.

The visit of IBA will start on 20 September at 9:45. The agenda foresees a general overview on the company followed by a specialized presentation of a key IBA project and a visit of the Assembly Hall.

Agenda:

- 9:15h Departure ‘Place de Brouckère’**
- 9:45h Arrival and short introduction**
- 10:00h General overview, presentation and visit of the Assembly Hall**
- 12:00h End of visit**
- 12:30h Back in Brussels city centre**