

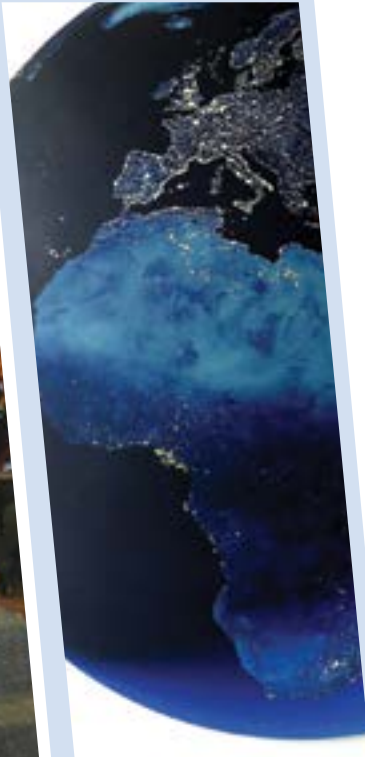
### WHO will enjoy it?

Members of the public, teachers and mid- to high grade learners will love our exhibits with hands-on and touch screen activities. These all support the school curriculum and are aligned with education standards. Visits are enhanced by science communicators who are there to answer questions and assist at all times.



### WHAT'S it about?

It's about energy, nuclear science, reactors, radiation & radioactivity, and waste. It covers everything you might wish to know and a whole lot more. Did you know, for example, that we are ALL products of a nuclear explosion?



### PRESENTATIONS

Meet Necsa scientists who will tell you about their lives as scientists and the different career options available in the nuclear industry for learners.

### BOOK A VISIT

To book your visit call (012) 305 5266 or e-mail [visitorcentre@necsa.co.za](mailto:visitorcentre@necsa.co.za)

### OPENING HOURS

Tuesday to Friday 09:00 – 15:00;  
Saturdays and Public Holidays 10:00 – 14:00



## NECSA VISITOR CENTRE

...a fun and funky place to learn!



# 1|ENERGY

## be a city planner

Interact with the energy planner to choose the energy source for your city. See the pros and cons of the different energy options available.

Compare energy sources such as nuclear, wind, solar and coal powered energy.



# 2|NUCLEAR SCIENCE

## catch that gamma!

Learn about the basics of nuclear science, nuclear time lines, depicting the key milestones in the history of the nuclear industry – and find out how these have influenced the world around us.



# 3|RADIATION

## friend or foe?

Radiation is all around us. Learn how this energy has been harnessed. What are alpha, beta, and gamma rays? Learn about the penetrating powers of the different types of radiation. Find out how nuclear energy is used in the medical industry. Become a radioisotope technician by interacting with the NTP hot cell. Unravel some of the myths and get to learn the reality of nuclear energy.

# 4|REACTORS

## must run safely!

How have reactors changed over time? Get closer to the reactor models and power reactor fuel, and learn about criticality. Get to know where uranium comes from, in what form and how it is eventually used in reactors as part of the nuclear fuel cycle.



# 5|WASTE

## everyone's problem

How much waste (domestic, industrial, medical, etc) can be attributed to you every year? How dangerous is nuclear waste really and where is it kept? All this is revealed to you here!



## FLOOR PLAN

