

NRG strategic plan 2012-2015

From institute to enterprise

Identity

The Nuclear Research and consultancy Group (NRG) evolved from the most important, independent nuclear knowledge institute in the Netherlands: the 'Reactor Centre Netherlands' (RCN. 1955). In 1976, in accordance with the spirit of that age, RCN was renamed into the Energy research Centre of the Netherlands (ECN) with the aim of broadening the strategy of the institute (to include sustainable energy). In 1998, ECN placed its nuclear activities with NRG, which became property of both ECN and KEMA. In 2006, KEMA disposed of its share, after which NRG became a full subsidiary of ECN.

Today, NRG is the largest nuclear service provider in the Netherlands with a unique combination of nuclear facilities (the High Flux reactor in particular). This enables a relatively small organisation to offer a large diversity of products and services for various markets. 'Petten' is Europe's largest producer of medical isotopes (mostly molybdenum; global market share of over 30%) and conducts a high level nuclear research programme (EVS) that focuses on developing and deploying nuclear knowledge for purposes that are relevant to society.

Organisation

NRG has business locations in Petten and Arnhem, employing a staff of about 400, usually highly educated and technically trained, employees. The core activities of NRG are divided across three business units: Irradiation & Development (I&D), Radiation & Environment (RE) and Safety & Power (S&P). The units are supported by a staff. The operating income shows an upward trend, with an expected turnover of 70 mln euro in 2011 and an operating income of about 3.5 mln euro.

Based on the awareness that the work is increasingly determined by the market, NRG embarked on a new course towards a market-oriented organisation several years ago. NRG is ready to compete on the commercial (inter)national market for consultancy and irradiation services (medical and energy related). However, crucial to the success of this intention in the longer term is the realisation of PALLAS, the new reactor that is to succeed the over fifty years old High Flux Reactor.

Vision

What will the global energy system look like in fifty or one hundred years' time? This question is surrounded by important topics such as affordability, security of supply and sustainability. Clearly, the demand for energy will only increase and all energy options need to be deployed as 'smartly' as possible to meet this need in a responsible manner. This includes nuclear energy. The importance of nuclear energy will increase rather than decrease. Knowledge development, innovation and a highly developed safety awareness are necessary ingredients for the responsible continuation and expansion of nuclear energy generation. One part of the NRG strategy is grafted onto this vision.

Secondly, the NRG strategy is based on the view that there is a growing global need for affordable and high quality health care as a result of the proportional rise in the ageing population and the high-speed progress that non western countries are making towards a 'modern health care'. The alarming increase in the number of persons that are diagnosed with cancer is a striking development that NRG is eager to enter into battle with.

Vision:

The importance of nuclear energy in the global energy mix will increase rather than decrease.

There is a growing need for affordable and high quality health care.

Mission

NRG wants to continue developing into a leading international nuclear service provider and aims to secure and expand this status, allowing the organisation to grow and generate profit.

It is NRG's mission to meet the demand from the submarkets energy and health care even better. Added value needs to be delivered to all clients, allowing them to organise their company processes more efficiently. Much attention will continuously be paid to reliability and safety in the entire chain. Market and client orientation are key notions.

Moreover, NRG considers it her responsibility to make maximum effort for a safe, sustainable and reliable development and deployment of nuclear products and services for society at large.

Finally, NRG aims to be a reliable and inspiring employer where people enjoy working in a high-tech work environment with nuclear innovation and R&D as main focus areas. Employees need to be challenged to keep on developing their competencies.

Mission Statement:

NRG delivers top quality nuclear services for the global energy, health care and industrial markets.

Slogan:

'Your market, our nuclear services'

Core values

The following core values are at the heart of our operational management: safety and reliability, market and client orientation, professionalism and expertise, openness and transparency, financial robustness.