

## Radiotherapy Board

### Radiotherapy Physics and Engineering Professional member of The Radiotherapy Board Environmental Sustainability (RTBES) Working Group

Are you interested in environmental sustainability in radiotherapy and supporting radiotherapy teams to adopt greener ways of working? Would you like to help reduce the carbon footprint of radiotherapy in the UK?

#### **Promoting environmental sustainability in radiotherapy**

It is recognised globally that there is an urgent need for action to reduce greenhouse gas emissions and find more sustainable ways of working and living, to limit the effects of climate change. Action is needed as much in healthcare as in other sectors of the economy and society, and the NHS is itself a significant contributor to carbon emissions. It is also the healthcare sector that will bear the brunt of the health issues posed by climate change.

The Radiotherapy Board<sup>1</sup> recognises the environmental impact of radiotherapy treatment pathways and is keen to address this by exploring ways to reduce their carbon footprint and to address other environmental issues such as waste minimisation and adopting best environmental practices.

#### **Working Group**

The Radiotherapy Board has formed a multi-disciplinary [Working Group](#) to raise the profile of environmental sustainability in radiotherapy and look at ways of supporting and encouraging radiotherapy teams to adopt greener ways of working.

The Working Group was formed in May 2023 and has undertaken a number of projects, including collating and publishing [examples from radiotherapy departments across the UK](#) of how they are taking a more sustainable approach to service delivery and devising a [green Radiotherapy Framework](#) (gRTF) that enables departments to assess and demonstrate how their day-to-day practice is contributing to the NHS response to climate change, with the possibility of a Gold, Silver or Bronze award. The Group is also working with the Centre for Sustainable Healthcare on a Green Oncology Challenge to stimulate engagement, innovation and greater understanding of environmentally sustainable options within radiotherapy.

The Working Group is seeking a Radiotherapy Physics and Engineering Professional to join the team, and The IPEM has been invited to nominate a representative.

#### **Time commitment**

The Working Group meets online every two months, with additional meetings arranged if or when specific tasks arise. There is also some email correspondence between meetings. Members will be asked to contribute ideas and suggestions for the Group's work programme and to comment on, and

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<sup>1</sup> The [Radiotherapy Board](#) provides guidance, oversight and support for the continuing development of high-quality radiotherapy services for cancer patients in the UK. It is a partnership between The Royal College of Radiologists (RCR), the Society and College of Radiographers and the Institute of Physics and Engineering in Medicine (IPEM) but has representation from a range of other organisations closely involved in radiotherapy services, including NHS England, the Care Quality Commission and radiotherapy research.

contribute to, initiatives as they take shape – including assessment of applications through the gRTF. The Working Group member will be expected to serve for a period of up to three years from the date of appointment.

### **Eligibility**

A keen Radiotherapy Physics and Engineering Professional applying for appointment to the RTBES Working Group must be able to demonstrate an interest in and experience of at least some of the following attributes and areas of practice:

- Experience of or an interest in exploring environmental sustainability issues in radiotherapy and the NHS.
- Experience of identifying and co-ordinating resources for learning and practice (eg. collating case studies, identifying learning resources, etc).
- Good interpersonal skills and a proven ability to contribute to a multi-professional Working Group.
- Active membership of The Institute of Physics and Engineering in Medicine (IPEM).
- Must be resident in the United Kingdom at the time of applying.

### **How to apply**

If you are interested in applying for this position, please submit a short CV and cover letter to [radiotherapyboard@rcr.ac.uk](mailto:radiotherapyboard@rcr.ac.uk) by 5pm on Friday 05/06/2026.

These will be reviewed by a selection panel formed by representatives from the IPEM as well as The Royal College of Radiologists and The Society and College of Radiographers, and a recommendation for appointment will be made.