

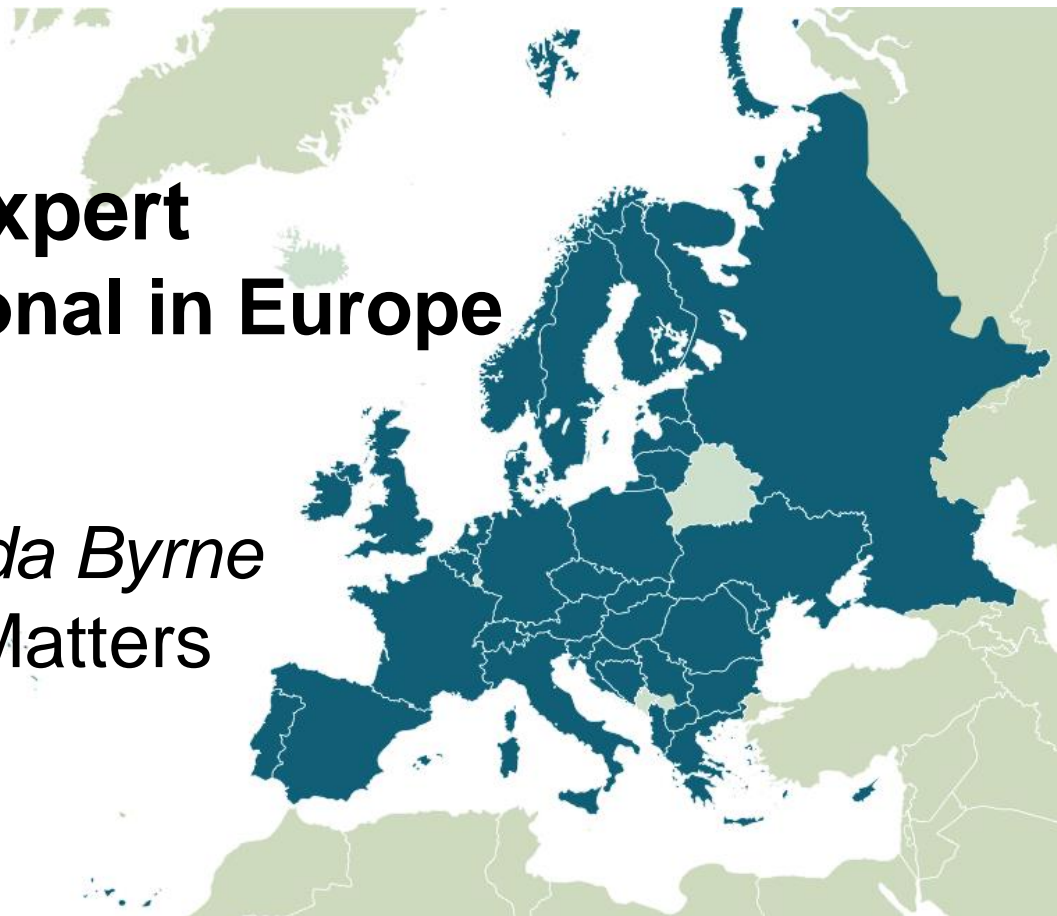


**EFOMP**

# **Medical Physics Expert as a health professional in Europe**

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# Facts and figures about Europe

46 sovereign countries

Population range: from 1.000 to  $145 \cdot 10^6$  citizens

Surface area: from 0.5 to  $17 \cdot 10^6$  km<sup>2</sup>

27 countries united in the European Union

$445 \cdot 10^6$  citizens,  $4.5 \cdot 10^6$  km<sup>2</sup>

36 countries united in EFOMP

36 NMO's represent about 9.000 medical physicists in Europe

Fields of interest: Radiotherapy, Diagnostic Imaging (e.g. PET, MRI, US), Nuclear Medicine, Radiation Protection, Hospital Physics and Non-ionising Radiation



# The long road to recognition

**Step 1. Collaborate: Set up a medical physics society**

Make clear what is a medical physicist

Europe has more than 36 national societies for medical physicists

**Step 2. Education & Training: Set up a National Registration Scheme**

22 NMOs have an NRS running and 5 are considering

**Step 3. Approval: Have your NRS acknowledged by EFOMP and Government**

18 NRSs (in)directly approved by Government, 4 by EFOMP

**Step 4a. Be visible: Co-operate with medical and nursing staff**

**Step 4b. Be visible: Teach medical and nursing staff, get involved in research**

**Step 5. Co-operate: Join the medical communities**

# The Medical Physics Expert as a healthcare professional

## What is a Medical Physicist Expert?

A scientist, trained in Physics and Mathematics with a good knowledge of medicine and the clinical practice

## Fields of interest

Radiation protection (ref. EU RP 174), oncology and radiotherapy, medical imaging, all therapeutic and diagnostic devices, artificial intelligence...etc.

## Recognition

In most countries, a form of recognition for medical physicists: from radiation expert to full staff member

