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 $1.45 \times 10^6$ citizens
Surface area: from 0.5 to $1.7 \times 10^6 \text{ km}^2$
27 countries united in the European Union
445$ \times 10^6$ citizens, $4.5 \times 10^6 \text{ km}^2$

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

'It's the physics in medicine that binds us.'
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

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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

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