



# Welcome at IRMM

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<http://www.irmm.jrc.be>

<http://www.jrc.cec.eu.int>

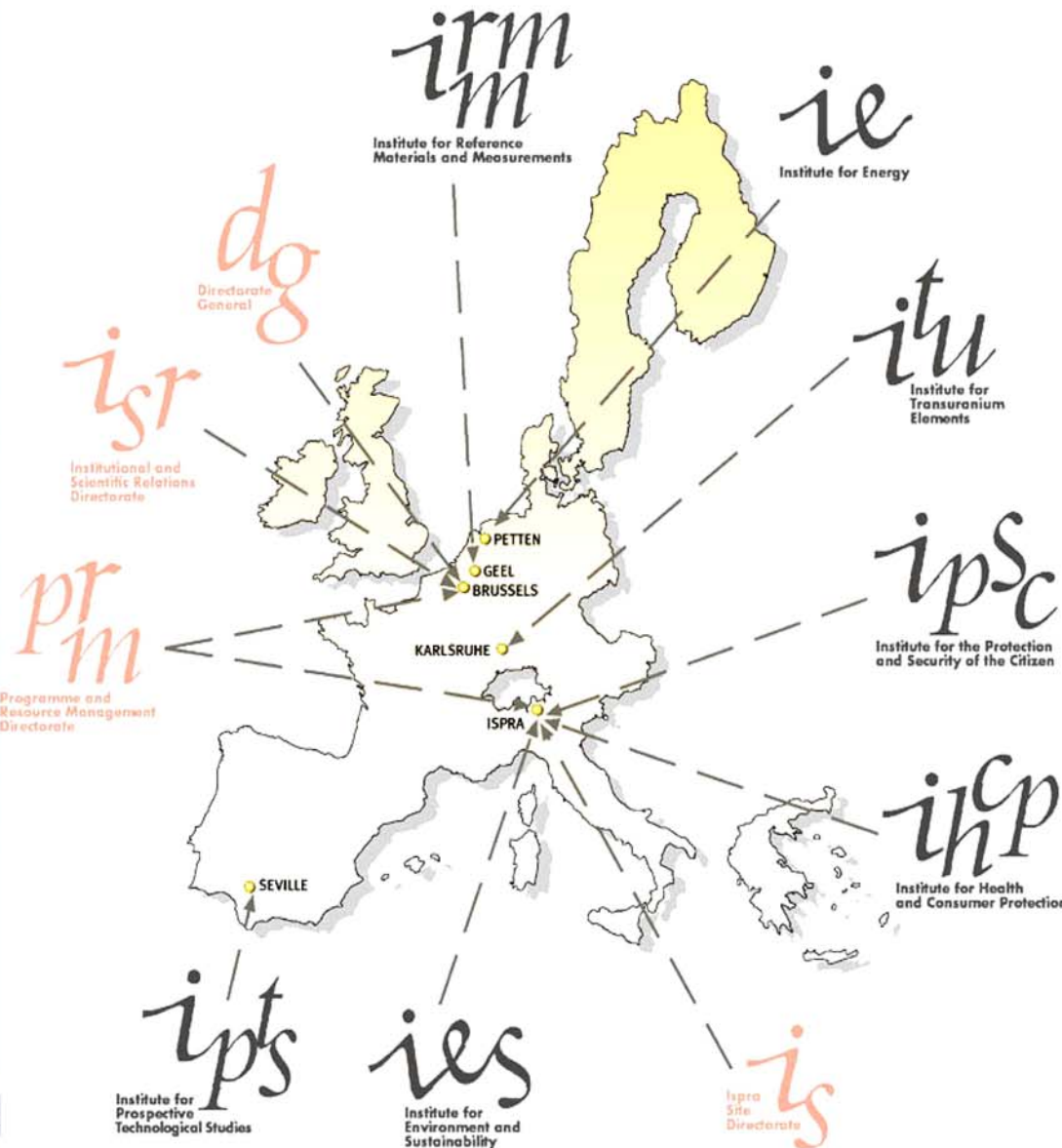




# EC - JRC - IRMM



Joint Research Centre



The mission of the IRMM is to promote a common and reliable European measurement system in support of EU policies.







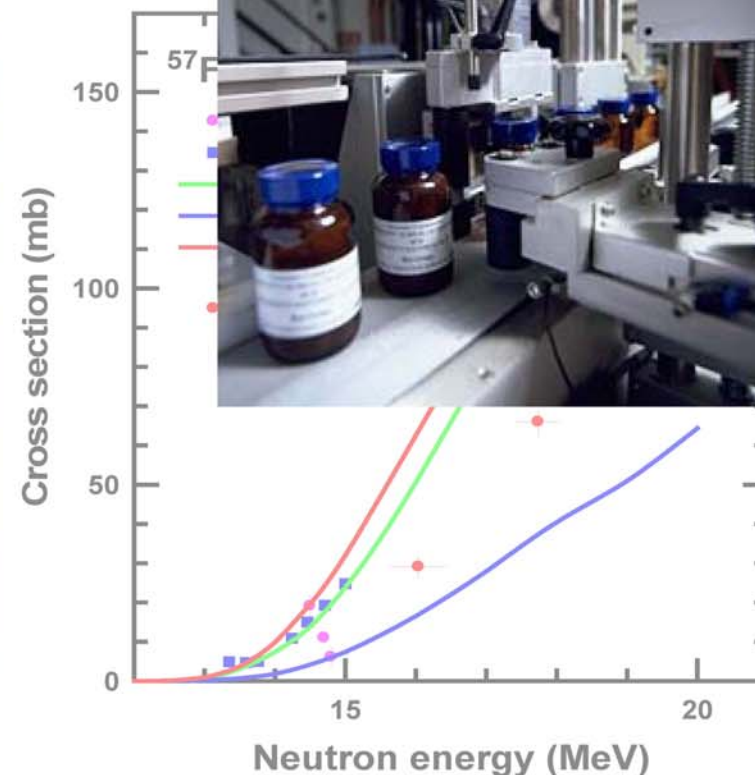
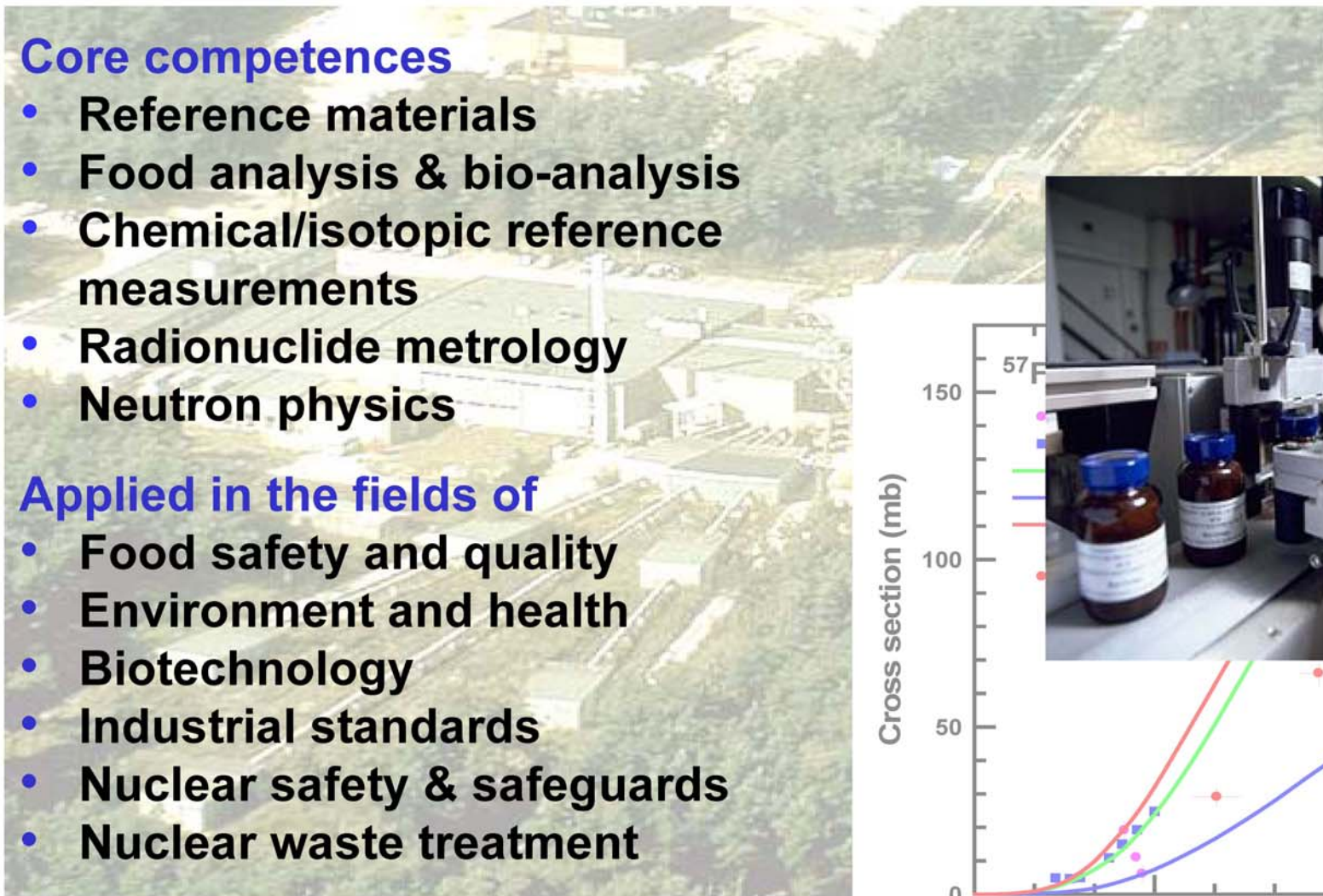
# IRMM core competences & research areas

## Core competences

- Reference materials
- Food analysis & bio-analysis
- Chemical/isotopic reference measurements
- Radionuclide metrology
- Neutron physics

## Applied in the fields of

- Food safety and quality
- Environment and health
- Biotechnology
- Industrial standards
- Nuclear safety & safeguards
- Nuclear waste treatment





# Reference Materials: R&D Areas

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TSE  
Testing

Food  
CRMs

Clinical  
CRMs

Microbiol.  
CRMs



GMO  
CRMs

Soil/  
Sediment  
CRMs

Water  
CRMs

Engin. Mat.  
CRMs



Accreditation according to  
ISO Guide 34 & ISO 17025





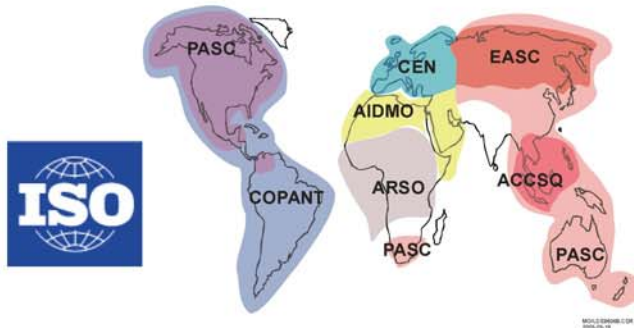


# Reliable Measurement Data

Joint Research Centre

## Approach 1: **Standardisation**

“harmonized methods”



↓  
**prescribed  
methods/procedures**

**Legislation**

## Approach 2: **Metrology**



Comité international des poids et mesures  
Bureau international des poids et mesures  
Organisation intergouvernementale de la Convention du Mètre

“correct” analysis

- Traceability
- Measurement uncertainty

↓  
**prescribed  
method-performance  
characteristics**





**Have a successful meeting !**