

How to influence the next research programme at NPL (2004-2007)

Steven Judge

How to obtain the services, reference sources or information you would like from NPL

- u Purchase existing product / service
- u Contract R&D / use of NPL facilities
- u Long term “public good” – funded by the DTI

National Measurement System

- Maintenance and development of primary and secondary standards
- Participation in international measurement system
- Maintenance of calibration facilities
- R&D related to standards and measurement
- Dissemination of standards and best practice

Ionising Radiation Programme

**Radioactivity
Metrology**

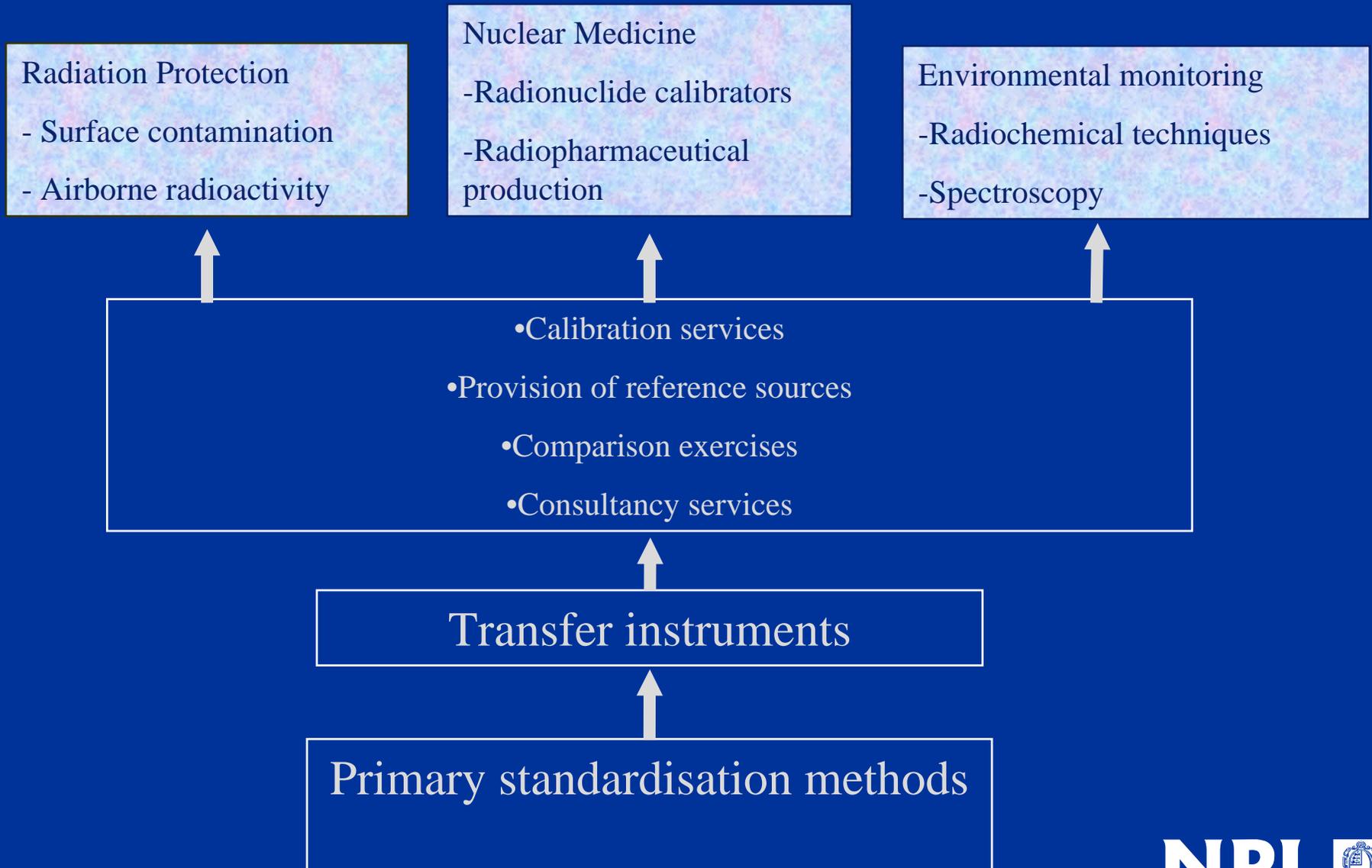
**Radiation
Dosimetry**

**Neutron
Standards**

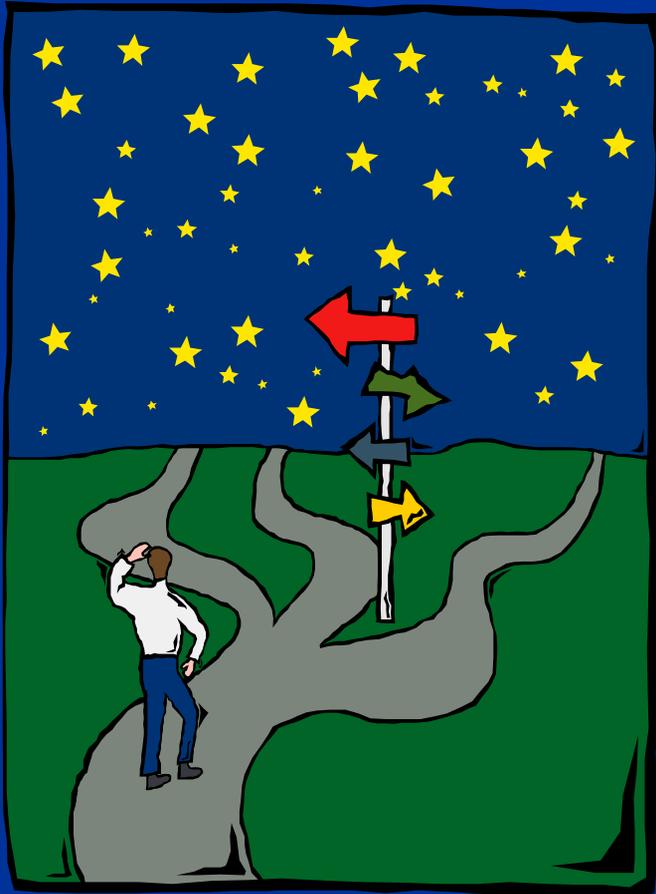
Technology Transfer

- Reference sources / instruments
- Publications
- User Groups
- Comparison exercises

Radioactivity Metrology Programme



Input to NPL's research programme



- u The DTI funds NPL
 - u to maintain and develop primary/secondary standards of radioactivity
 - u to link UK measurements to the international system
 - u to disseminate standards and good practice
- u Peer reviewed research programme - MACWG
- u 3 year rolling programme – user needs change

For example, do you need ...

- u New reference materials? (different chemical forms, activity levels, different radionuclides)
- u New training courses / guidance documents?
- u New measurement techniques?
- u Nuclear decay data?
- u Guidance on MDA calculations?
- u Experimental studies of true summing correction software?
- u Higher accuracy of measurement of particular nuclides?

Opportunities to feed into the 2004-2007 programme



- u Informally – through User Forums such as this one
- u Write to NPL staff (Martyn Sene / Steven Judge)
- u Focus Group (to be held Sept/Oct 2003)
- u Via public consultation process (early 2004)
- u New programme starts Sept 2004