Professional Skills for the Smarter Business

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Professional Skills for the Smarter Business
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Skills Framework for the Information Age: Are these skills enough?

- How can new services be introduced while avoiding the disruption of existing services?
- How can costs be reduced while improving services?
- How can business strategy be supported while providing top-notch IT support?

Taken from http://www.sfia.org.uk
Information Management

- Getting the *right information* to the *right person* at the *right place* at the *right time* in a cost effective way (*right price*).

- **Information**
  - codified (structured/unstructured)
  - source, destination, quality, stakeholders

- **Management**
  - structure, processing, delivery

- **Organisational perspective**
  - strategic/operational
Solving a Problem – An Example

- The UoM Carbon Management Plan states that the university has a target to reduce carbon emissions by 3% annually.

- Analyse the carbon profile of the University using different technologies to collect, search, analyse and report on relevant information.

- Analyse the impact of IT provision on the carbon footprint of the University and make recommendations on how IT provision can be managed in a more environmentally friendly way.
Innovation through Information Management

- **Wicked Problem**
  - right information?
  - different views
  - change is the only constant
  - not right or wrong solution

- **Systems Thinking**
  - technology
  - process
  - people

- **Information Evolution**

  > “Learning-by-doing is an insufficient description... it is rather learning to learn-by-doing with and from others who are also learning-to-learn by doing”
  
  Reg W Revans
  Action Learning: new techniques in management 1980

  > "Action Learning is a process of learning and reflection that happens with the support of a group or 'set' of colleagues working with real problems with the intention of getting things done."
  
  (McGill and Beaty, 1992:11)