



Foresight and *sciencehorizons*

Sandy Thomas

Foresight Directorate, OSI



Background to OSI's Horizon Scanning Centre

- **Set up under a commitment in –
HMT/DTI/DfES Science and Innovation Investment Framework
(July 2004)**
- **Set up alongside OSI'S Foresight Team**
- **Horizon Scanning is part of good practice in policy making**



High Level Aims

- **Inform departmental and cross-departmental priority-setting**
- **Facilitate horizon scanning capacity-building being carried out by others inside government**

Implemented through:

- **Targeted project work with departments**
- **Training activities**
- **Creating strong networks**



Prioritised Analytical Framework for policy:

key S&T “clusters” - SCANS

Energy Technologies

Advanced Materials & Robotics

Nanotechnologies

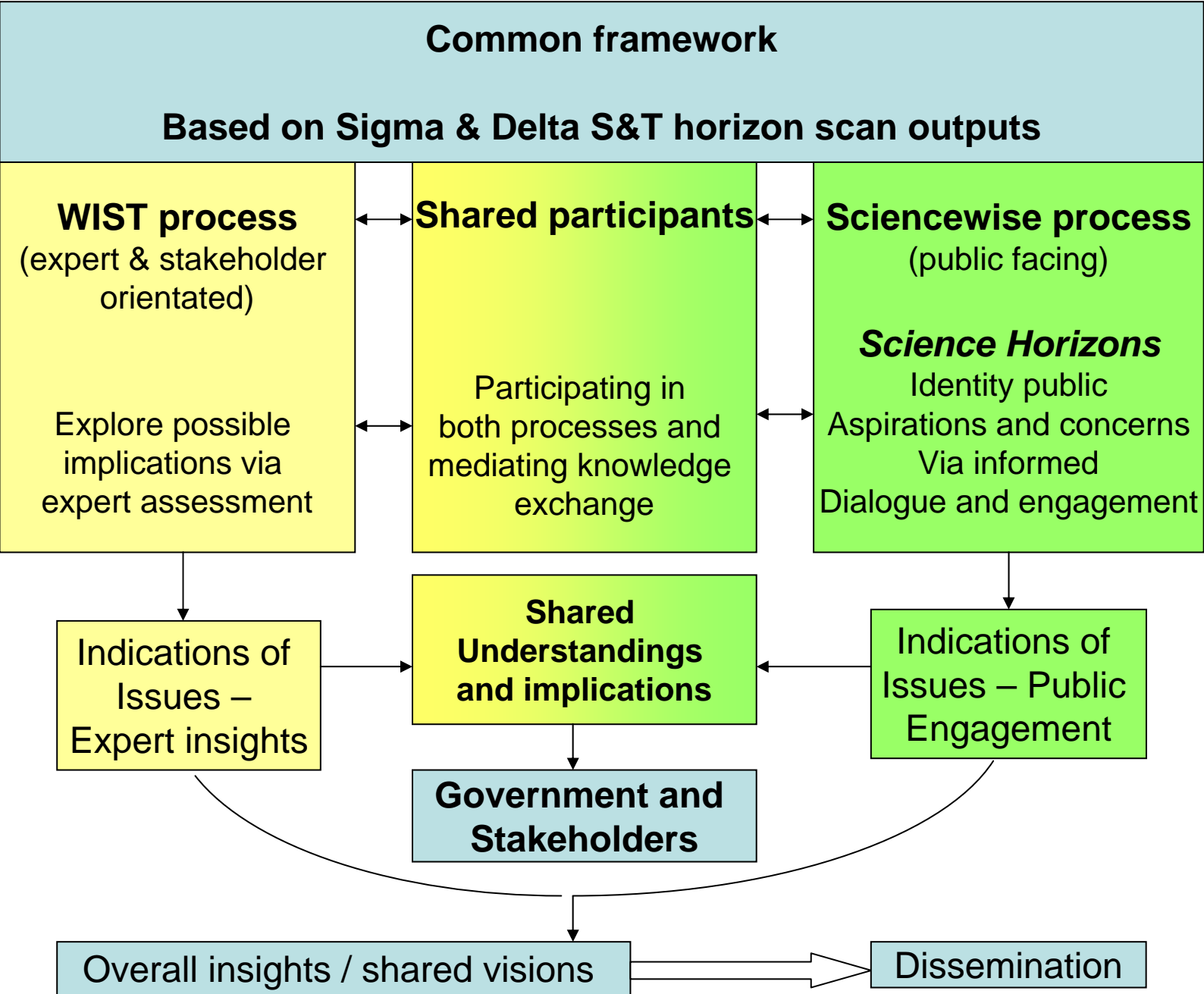
Sensors and tracking

Body and Mind Sciences

Information handling and KM

Network Interactions

Security (Info and behaviour)





Emerging headlines from stakeholders – 1/3

The rise of the expert patient

Employers, police, advertisers exploit brain science

Enhancement becomes the norm

Unease over geneticists' "licence to tinker"

Boundaries between robots and humans

Unforeseen effects of advanced materials



Emerging headlines from stakeholders – 2/3

Nanofood could be the next “GM”

Privacy

Data overload

The unexpected energy breakthrough

Foresight: Horizon Scanning Centre

Office of Science & Innovation

