



CASI-SWIR WORKSHOP

4 September 2003
Bruges, Belgium





Background: objectives of Belgian RS programme

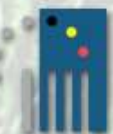
- Teaming of researchers into internationally recognised poles of expertise
- Preservation and development of Belgian expertise
- Fostering of innovation and introduction of new technologies
- Development of products and operational services





The APEX instrument: probing the earth's surface

- APEX (Airborne Prism Experiment)
- Developed by Belgo-Swiss consortium under ESA's Prodex programme
- BELSPO supports scientific exploitation APEX
- APEX only operational in 2005
- BELSPO strategy: familiarise Belgian scientists with hyperspectral data by using existing imaging spectrometers





The 2002 flight campaign: In search of new remote sensing applications

- Organised by NERC/ITRES/VITO for Belgian and UK scientists
- Instruments:
 - ▶ CASI
 - ▶ SWIR (now SASI)
- Main selection criteria for Belgian applicants:
 - ▶ Scientific quality
 - ▶ Perspectives for use RS data (in new areas)





The 2002 flight campaign: exploring Belgium

- 7 sites
- Application fields:
 - ▶ Agriculture
 - ▶ Forestry
 - ▶ Hydrology
 - ▶ Pollution monitoring
 - ▶ Coastal monitoring
 - ▶ Urban studies





The Bruges workshop: Evaluating the campaign

- *Objectives:*

- ▶ Present and discuss results
- ▶ Exchange experiences
- ▶ Provide feedback to campaign organisers
- ▶ Exchange datacubes
- ▶ Foster new collaborations and ideas

