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Data Delivery



Shane Carey
GIS and Data Manager
Tellus Border project



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Data Accessibility

- Tellus Border online viewer
 - Access through www.tellusborder.eu
 - View merged data sets through the web.
 - Ability to undertake GIS work through the web
- Google Earth
 - kml files
- www.tellusborder.eu/Data+downloads.htm
 - zipped files
 - WMS services



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From data collection to data delivery: Geochemistry samples

- **Geochemistry Data:**
 - 3 media: Soils, Waters, Sediments
 - 60 elements

- **Total Measurements:**
 - Soils: 221400
 - Waters: 272800
 - Sediments: 255200
 - Total (Approx): 750000**



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From data collection to data delivery: Geochemistry Quality Control



Advantages

- ✓ Speeds up Data QC time
- ✓ Programming Scripts easily adopted for future surveys
- ✓ More robust and comprehensive analysis of the data
- ✓ Customised graphs and reports
- ✓ Better data management of large datasets

Disadvantages

- ✓ Requires programming skills



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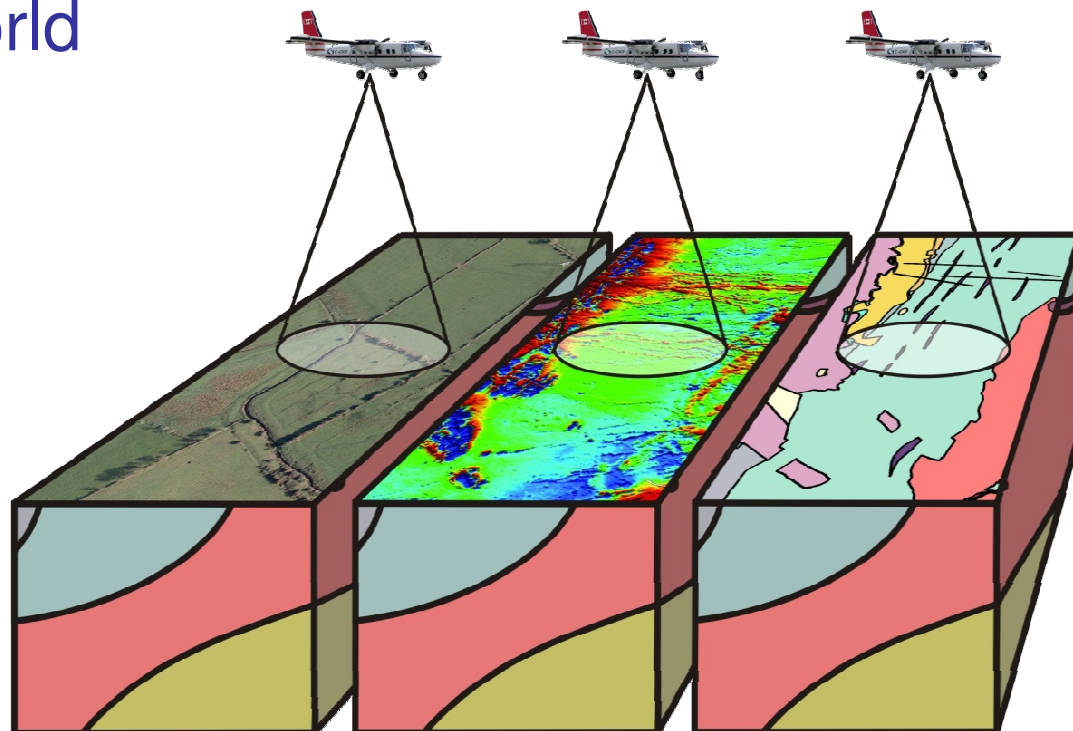
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From data collection to data delivery: Geophysics

- 57,681 line kilometres flown...one and a half times around the world

- Magnetics
 - 10 million points
- Radiometric
 - 1 million points
- Electromagnetic
 - 40 million points



And all this served through the web.....

Over 50 million
Geophysical
data points

750, 000
Geochemical
analyses



Advantages of web delivery

- Ease of access to the data
- Cuts out the “middle man”
- No mass production of paper maps required
- Will be available for download in many formats
- It's instant – No ordering of data required!!!
- Up to date

www.tellusborder.eu



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Google Earth: Kml files

Google earth



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Other key data services

Service provided

➤ WMS services

Service benefits

- ✓ Used in desktop applications
- ✓ Used to build online viewers
- ✓ Open source

Kml files



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- ✓ Used in Google Earth applications



Future tools: Knowledge transfer



Data
launch



Development time line



Ready for
final launch

Tellus Border



Thank you



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