Australian Red Cross
Emergency Mapping
EMSINA 2011
The initial concept

- Enhance Red Cross emergency operations
- Encourage EM collaboration
- Communication tools
- Technical volunteers
  - GISCorps
Establishing the pilot

1. People
2. Hardware
3. Software
4. Data

= Internal support

ESRI Non-profit Organisation Program
ArcGIS 10. Licenses
MAPS

ACT Emergency Services Authority (ESA)

Red Cross Australia (QLD)

NSW Rural Fire Service (RFS)

Surveying & Spatial Sciences Institute (SSSI)

CRISIS CARE COMMITMENT
QLD Floods and Cyclone Yasi

- MAPS activated
  - 37 people over 47 days
  - Integration into AIIMS
- 163GB data and products
- 509 MXDs
Spatial products

- Outreach teams
  - Locations of people, facilities and activities
- Situational
  - Partner agencies
- Electronic, A4 – A1
NRIS Mapped
Operational Summaries

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<tr>
<th>Location</th>
<th>Evac Outreach</th>
<th>Recovery</th>
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Ex T.C Yasi
Red Cross Operations
14-02-2011

CRISIS CARE COMMITMENT
More products

- Victorian Floods
- FTP site
- External requests
After Action Review

- Pilot proved a success
- MAPS Review
- Red Cross Review
The next step

• National Capacity
• Personnel Model
• Review of hardware
• Field Mapping
• VTC