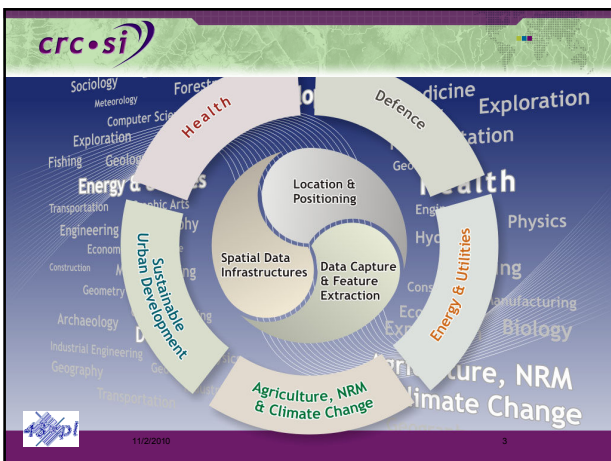
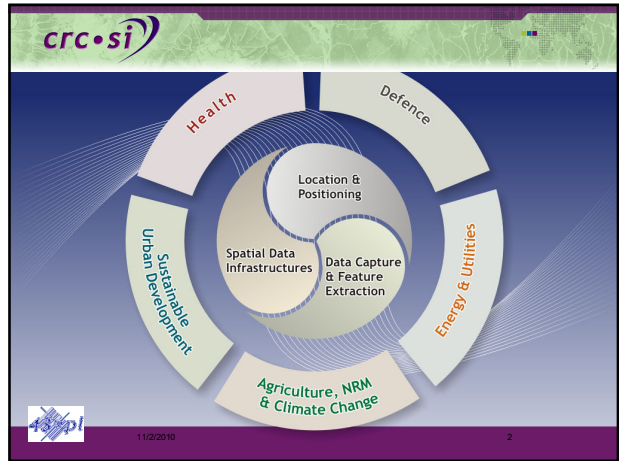


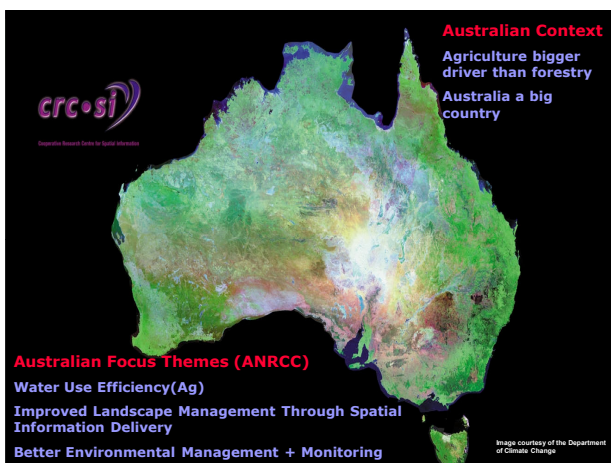
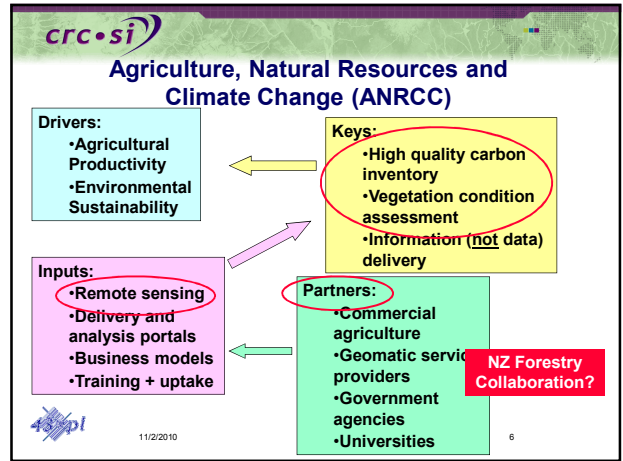
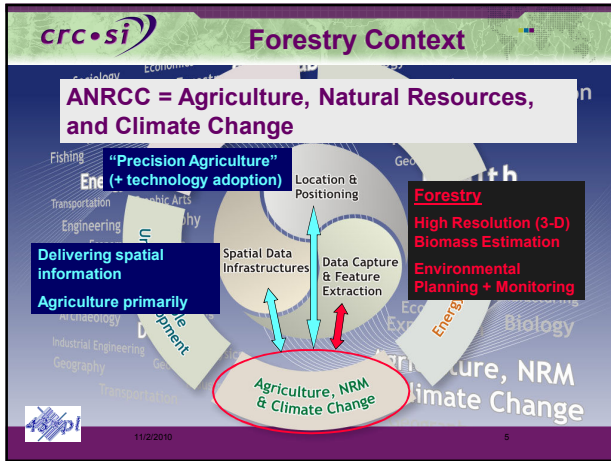
crc•si *crc for spatial information*

Cooperative Research Centre for Spatial Information and NZ Forestry

Professor Kim Lowell
CRC for Spatial Information/University of Melbourne
Principal Scientist, Department of Primary Industries -- Victoria

11/2/2010 1





- (NZ) Forestry Opportunities(1)?**
- **High Resolution Biomass Estimation**
 - 1 m(?) in x, y, and z (above-ground)
 - Species in natural forests
 - Radar, airborne, hyperspectral....
 - **Environmental Monitoring + Reporting**
 - Is the land/water getting better/worse?
 - Are land management policies working?
 - Is there more/less than 5/10 years ago?
- Image may be subject to Copyright.
- 11/2/2010 8

(NZ) Forestry Opportunities(2)?

- Better spatial information delivered better?
- Anything else....
 - Efficient updating of cut-blocks?
 - Better spatio-temporal harvest scheduling?
 - Real-time transport and loading tracking?
 - Just-in-time harvesting...?



How to Collaborate/Get Involved

~~GIVE US MONEY!!!~~

Collaborate with us (and each other)

- Get involved in existing project. In prep:
 - Biomass estimation
 - Environmental management + monitoring
- Create your own project
- Remember:
 - C (of CRCSI) = Cooperative
 - R (of CRCSI) = Research (User-driven)



“Typical” CRCSI Project

- 3-4 years
- \$500K/year cash and in-kind
- \$125K/year cash from CRCSI
- Must involve universities but be driven (and supported) by users



Steps/Actions

- Talk with:
 - Mary Sue Severn/LINZ
 - Kim Lowell
- Sort out CRCSI membership(?)
- Collaborate with other groups/CRI's
 - Landcare Research
 - Plant and Food Research
 - MAF
 - LUCAS(Min. Env.)



Thank You