



Australian Government
Geoscience Australia



Digital Earth
AUSTRALIA

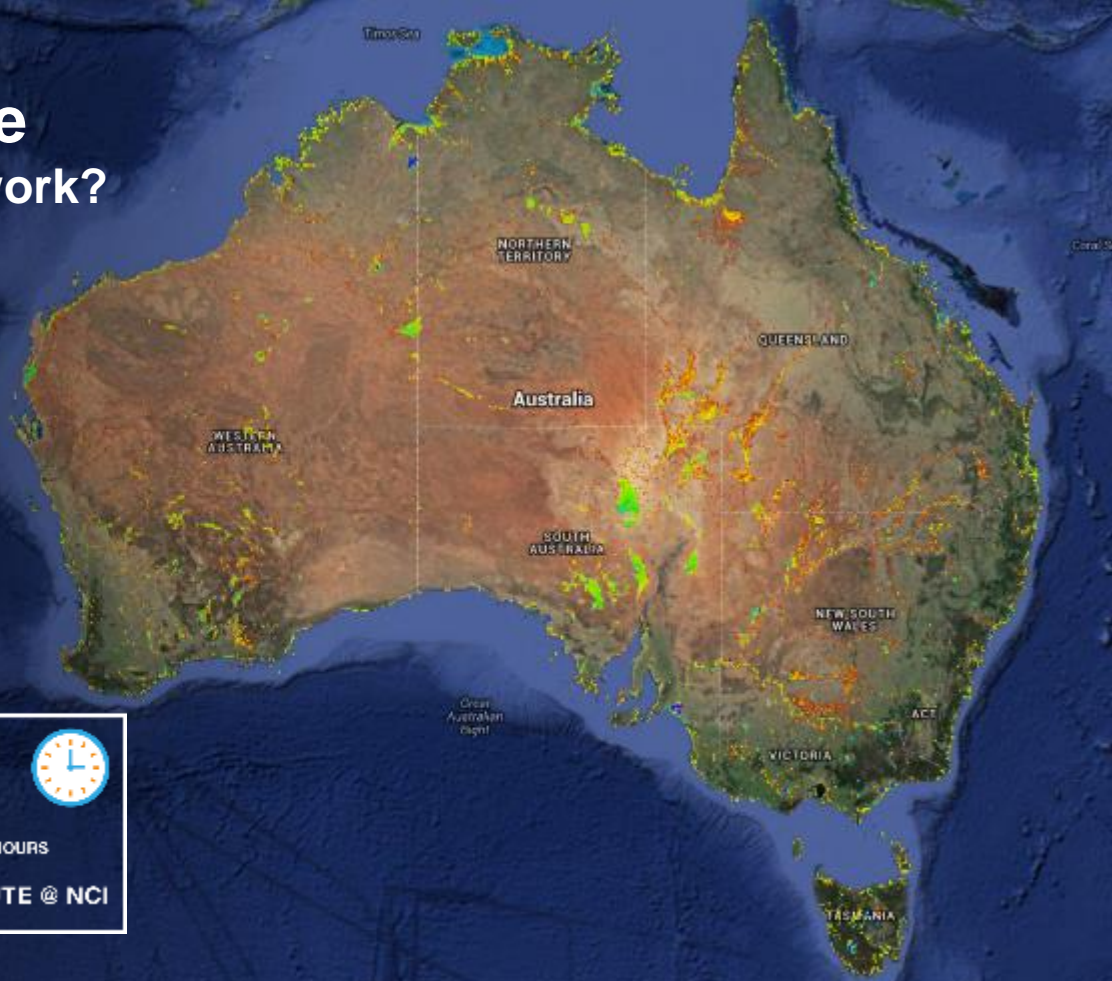
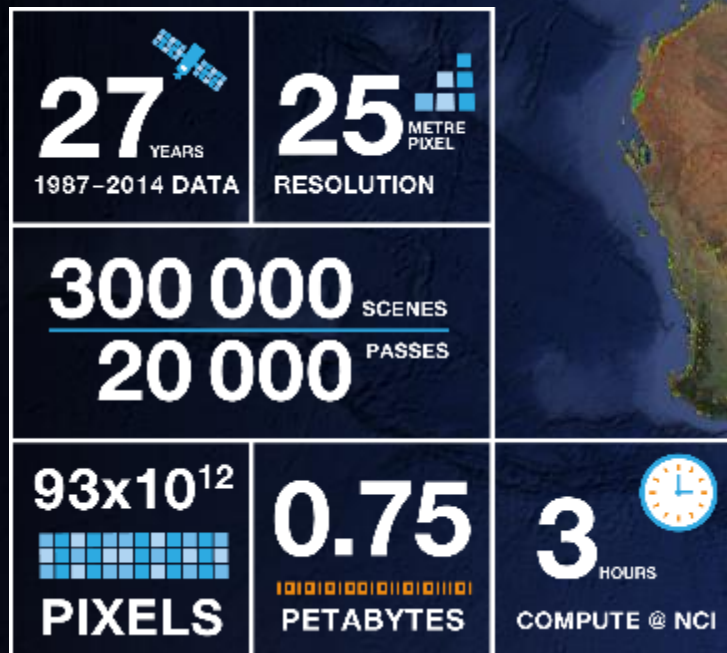
AO GEOSS Data Sharing and Data Cube Panel

Dr David Hudson

What is the AO GEOSS Data Cube?

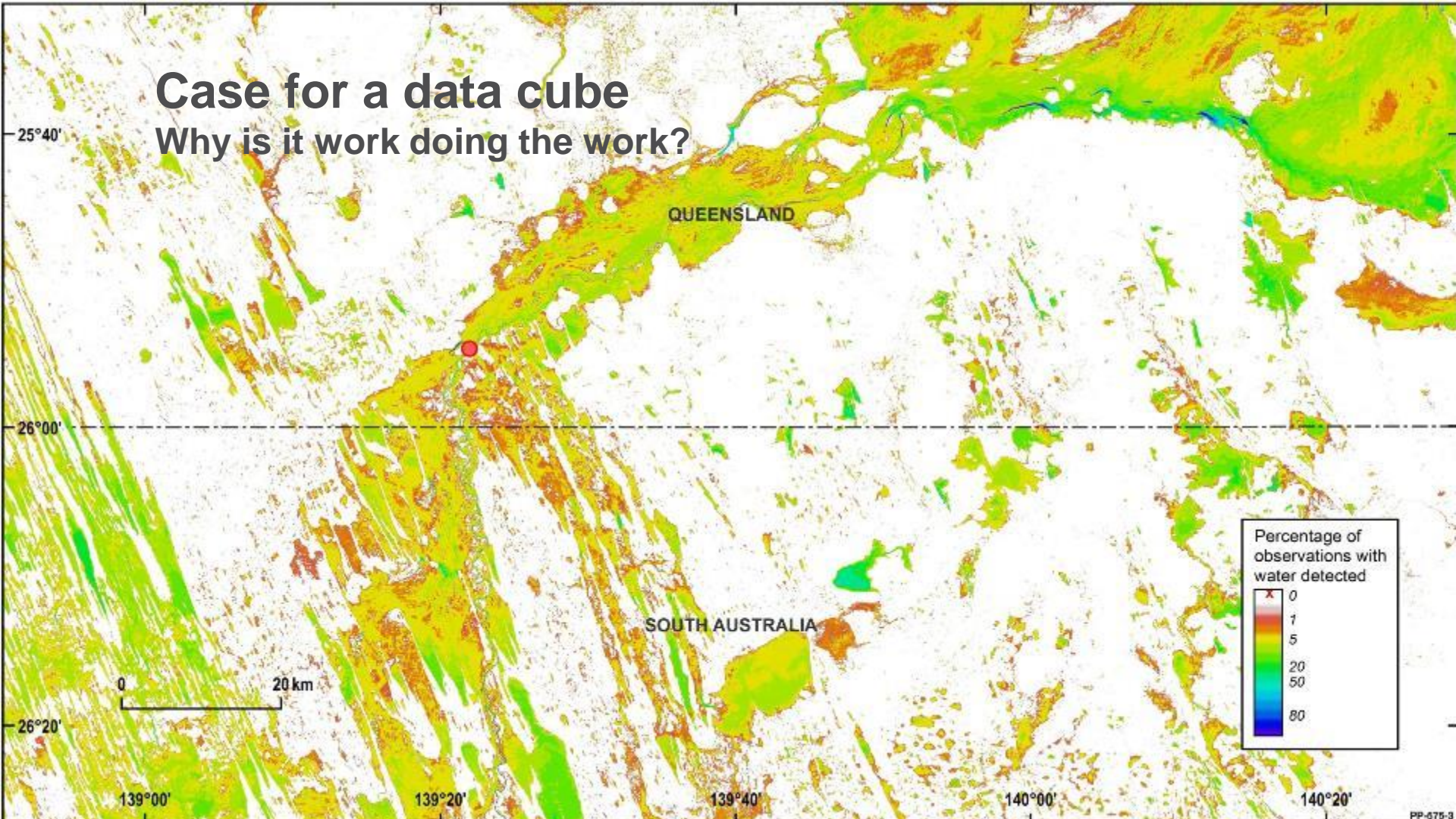
Case for a data cube

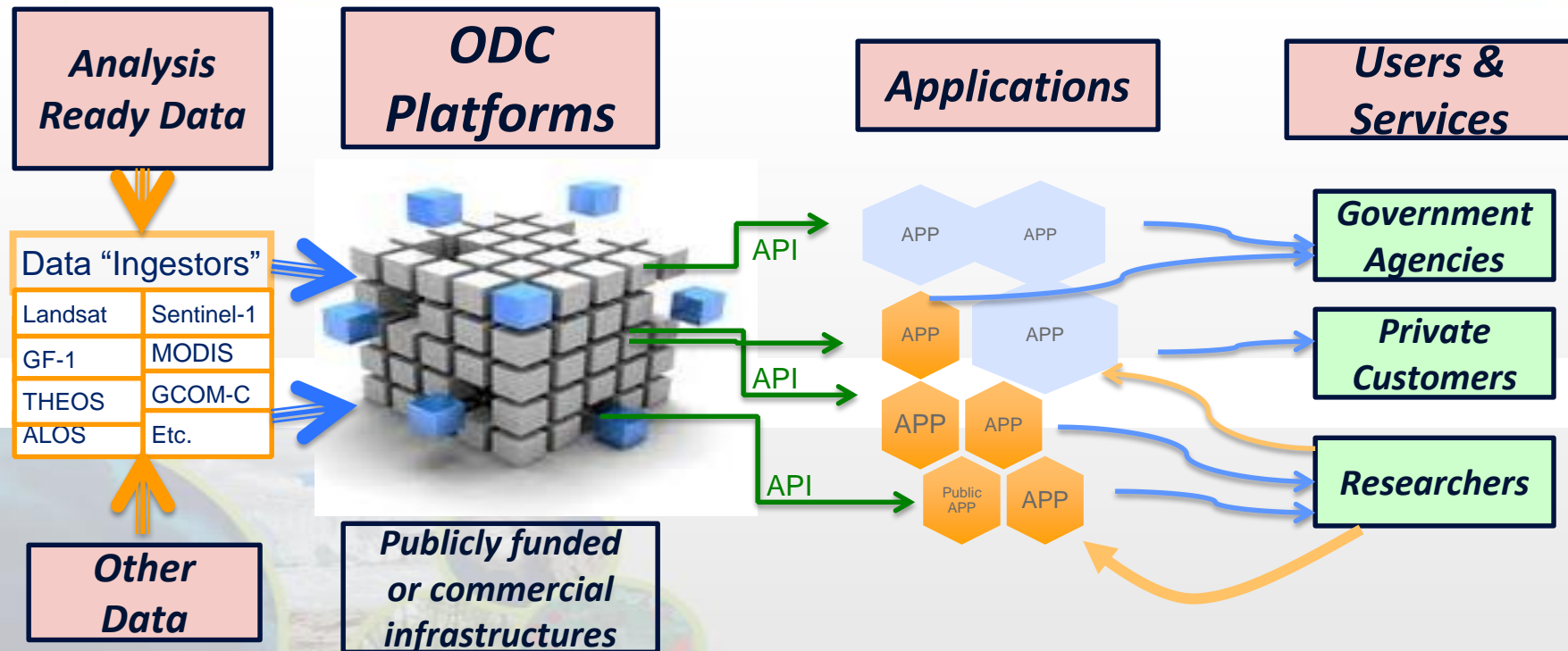
Why is it work doing the work?



Case for a data cube

Why is it work doing the work?





Globally Interoperable
under eg OGC and ISO Standards



This organization Search

Pull requests Issues Gist



Open Data Cube

opendatacube@googlegroups.com

Repositories

People 22

Teams 2

Projects 1

Settings

Search repositories...

Type: All

Language: All

Customize pinned repositories

New

aws-pyccd

Jupyter notebooks demonstrating use of S3, RDS, Datacube Core & PyCCD

Jupyter Notebook Updated an hour ago

datacube core

Open Data Cube core

Jupyter Notebook 38 20 Updated 4 hours ago

documentation

High level documentation for the Open Data Cube project

Updated 3 days ago

Top languages

Jupyter Notebook Ruby Python

People

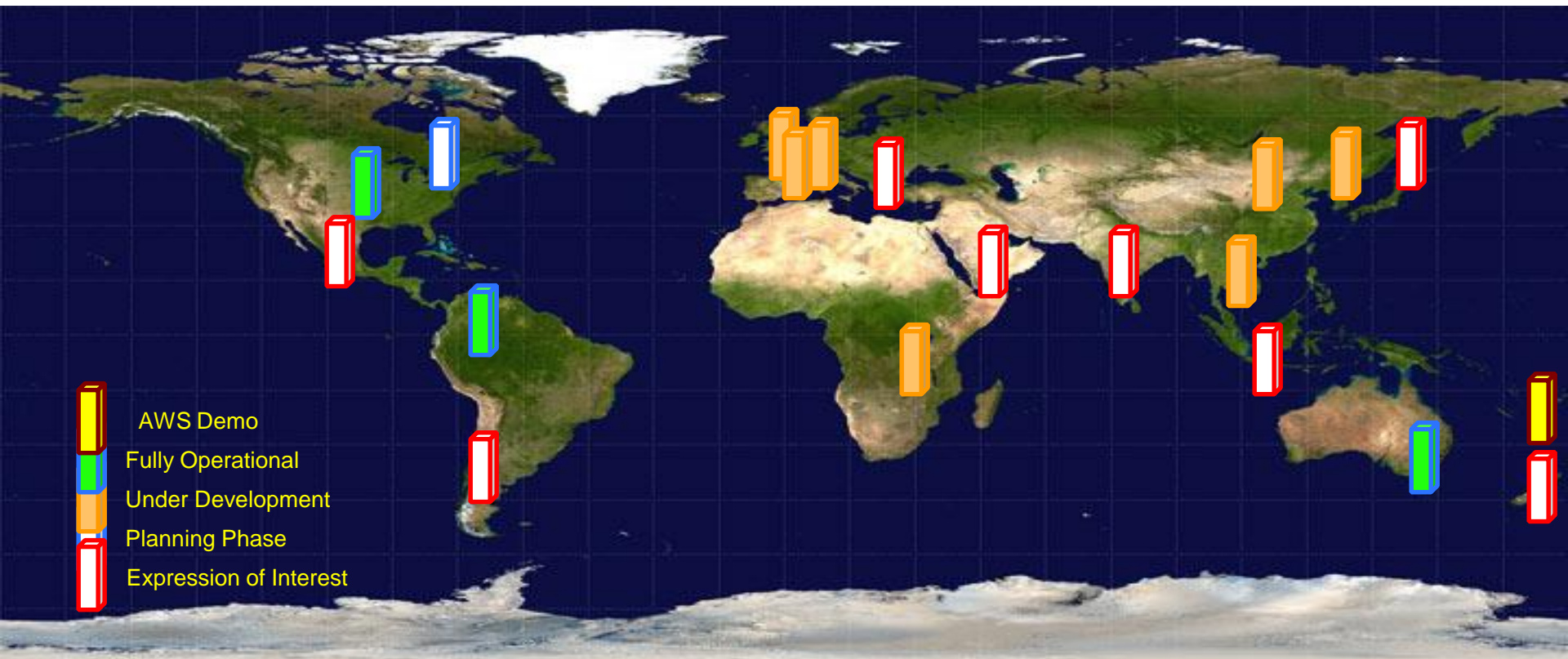
22 >



Invite someone



Growing a Network of Compatible Open Data Cubes





How could this connect to AO-GEOSS Task 11

- **Data cube =**
 - Open data (GEO data sharing principles)
 - Open code (Open Data Cube Github)
 - Analysis Ready Data (CEOS CARD4L standard)
 - Open and transparent community
- **Asia Oceania Data Cube =**
 - Asia-Oceania ODC pilot showing time series of a small area
 - Asia-Oceania ODC pilot showing regional scale products
 - Asia-Oceania ARD data in both pilots under an open licence
 - GF-1 WFC, ALOS-1 AVNIR-2, THEOS MS, KOMPSAT-2 MSC?
 - Give back to the open ODC repositories

AOGEOSS

Better Observations for a Better Future

