



# Australian SSF Experience and Future Plans

4th Meeting UN EG-ISGI

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[www.abs.gov.au](http://www.abs.gov.au)



## UNLEASHING THE POWER OF STATISTICS FOR A BETTER AUSTRALIA

**TRANSFORMING** FOR THE FUTURE

**WHILE CONTINUING TO** DELIVER HIGH QUALITY OFFICIAL STATISTICS  
**STRENGTHEN** OUR PARTNERSHIPS  
**DRIVE** HIGH PERFORMANCE

# Transforming for the future

## ENVIRONMENT

We collaborate with stakeholders to understand and respond better to the current and future external environment

## STRATEGY

Our strategies enable rigorous statistics, strong partnerships, and effective use of resources

## GOVERNANCE

Our governance supports responsive decision making, prioritisation and management of enterprise risk

## TRANSFORMATION GOALS

### INFRASTRUCTURE

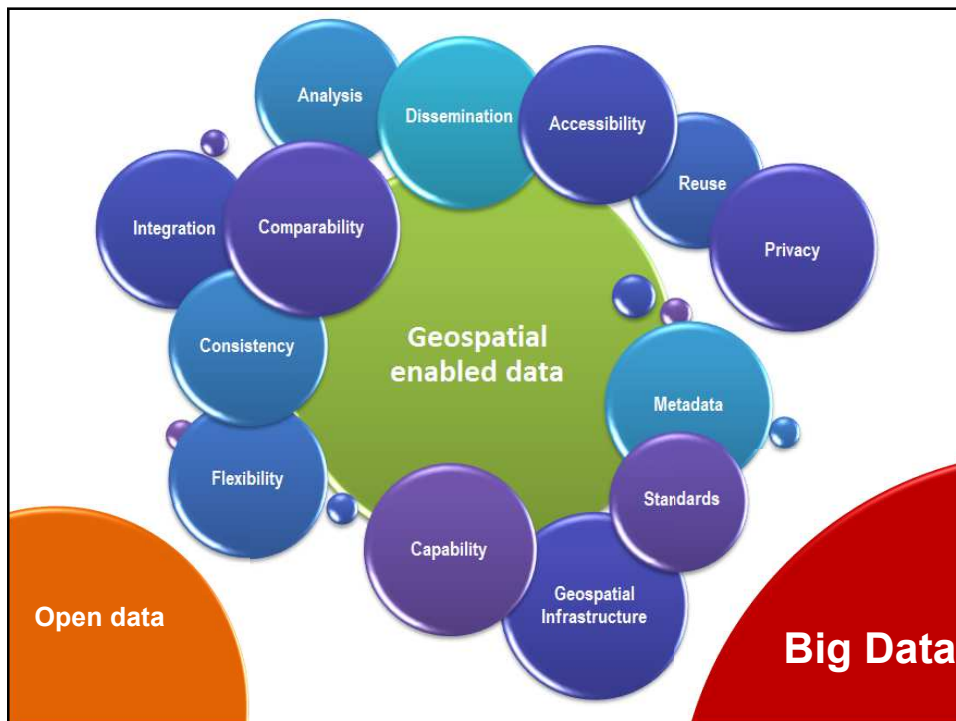
Our infrastructure is effective, efficient and adaptable

### CULTURE

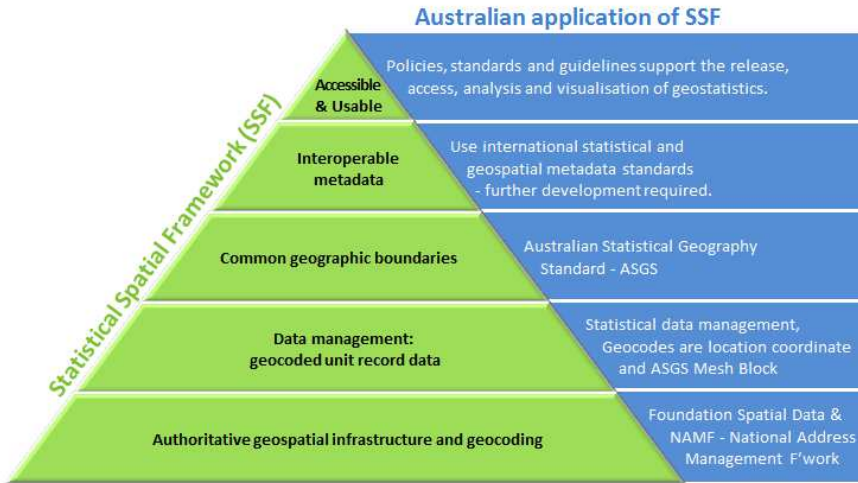
We are high performing, aligned, engaged, innovative and accountable

### PEOPLE

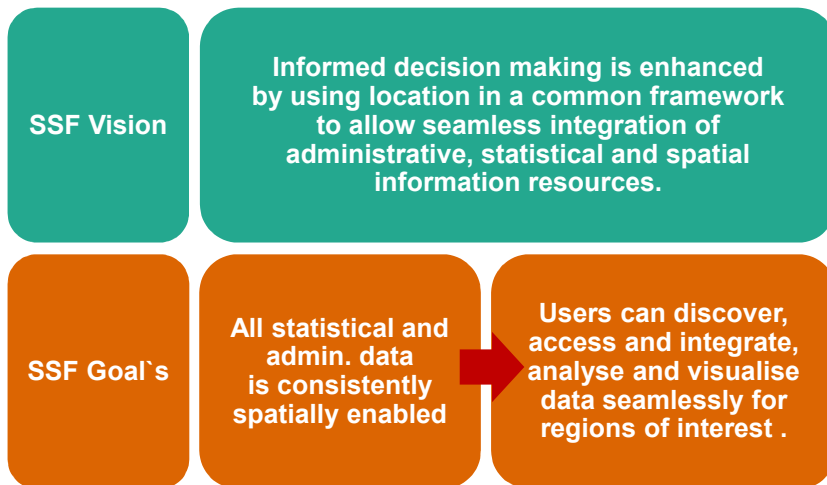
We have a diverse, expert, motivated and agile workforce



# Statistical Spatial Framework

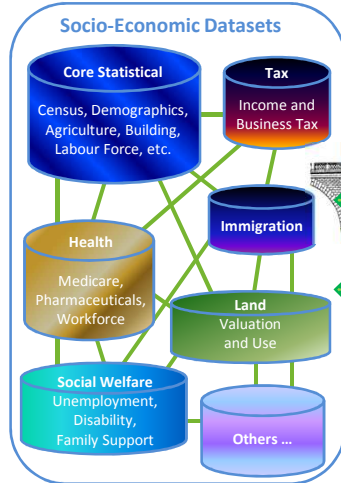


# Statistical Spatial Framework

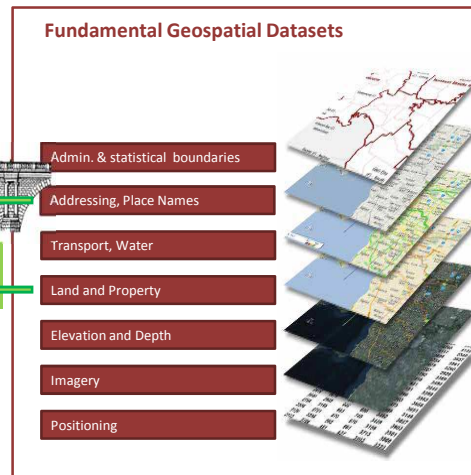


## Bridging between datasets

### Statistical Community



### Spatial Community



## Benefits of national framework

### Administrative and statistical data custodians

- Formalised model – lobbying power
- Bilateral – partnerships and coherence
- Government forum – engagement and consistency

### Geospatial agencies

- Formalised model – point of engagement
- Fundamental data – role clarity with statistics
- Points of linkage – shared value and partnership



## Benefits of national framework



### Geospatial agencies



## Foundation Spatial Data Framework



Geocoded Addressing



Administrative Boundaries



Positioning



Place Names



Land Parcel and Property



Imagery



Transport



Water



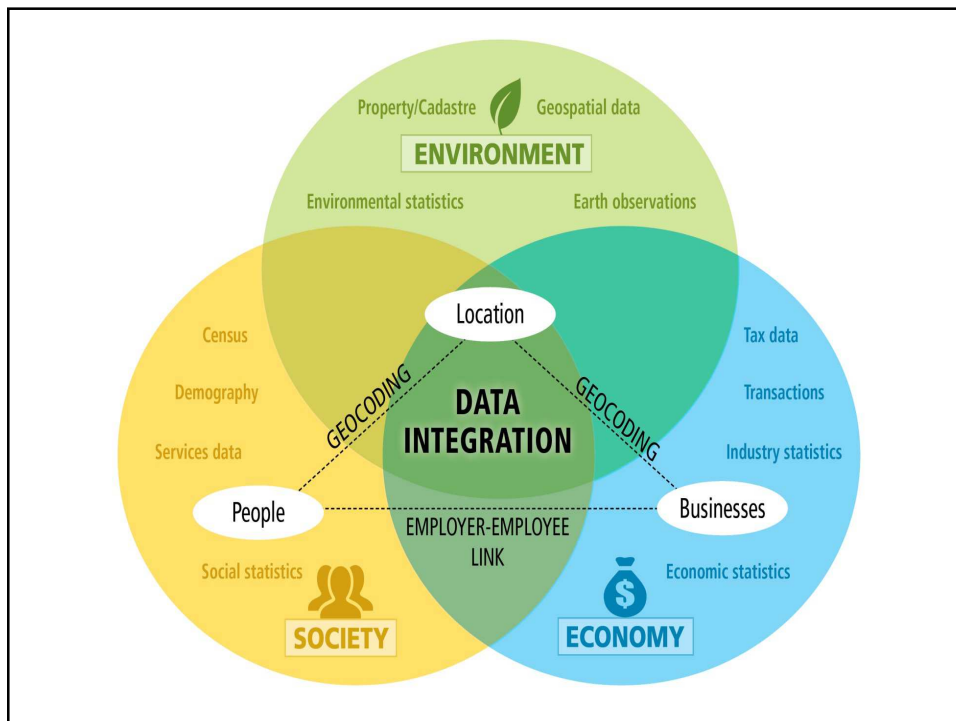
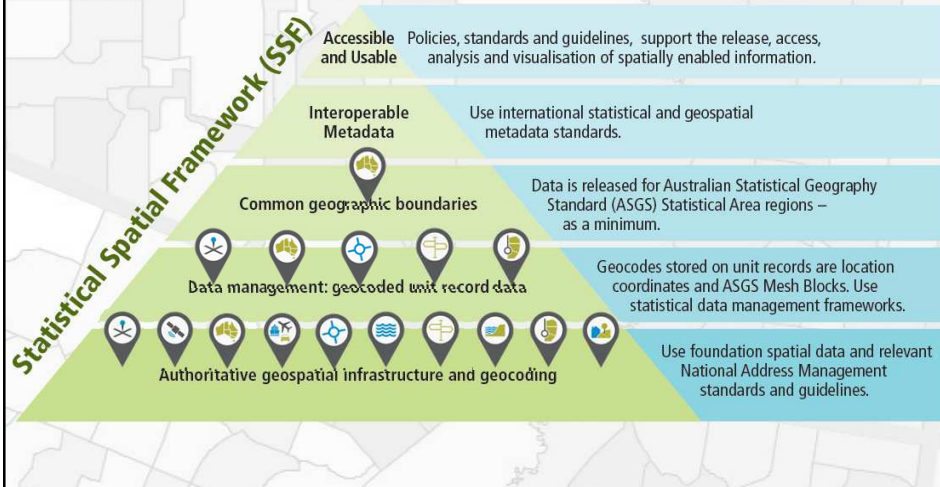
Elevation and Depth



Land Cover and Land Use



## Australian application of SSF





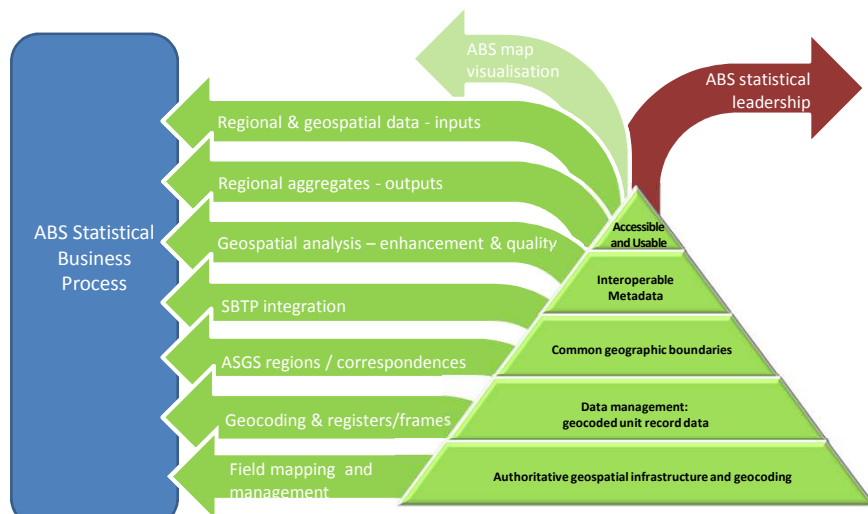
## Benefits of national framework



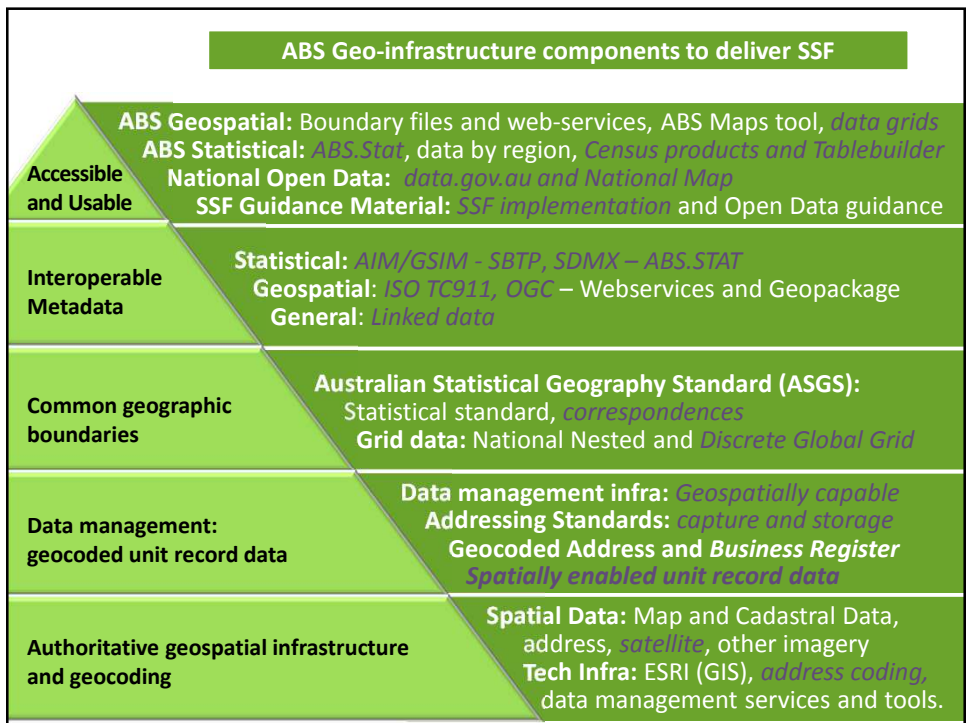
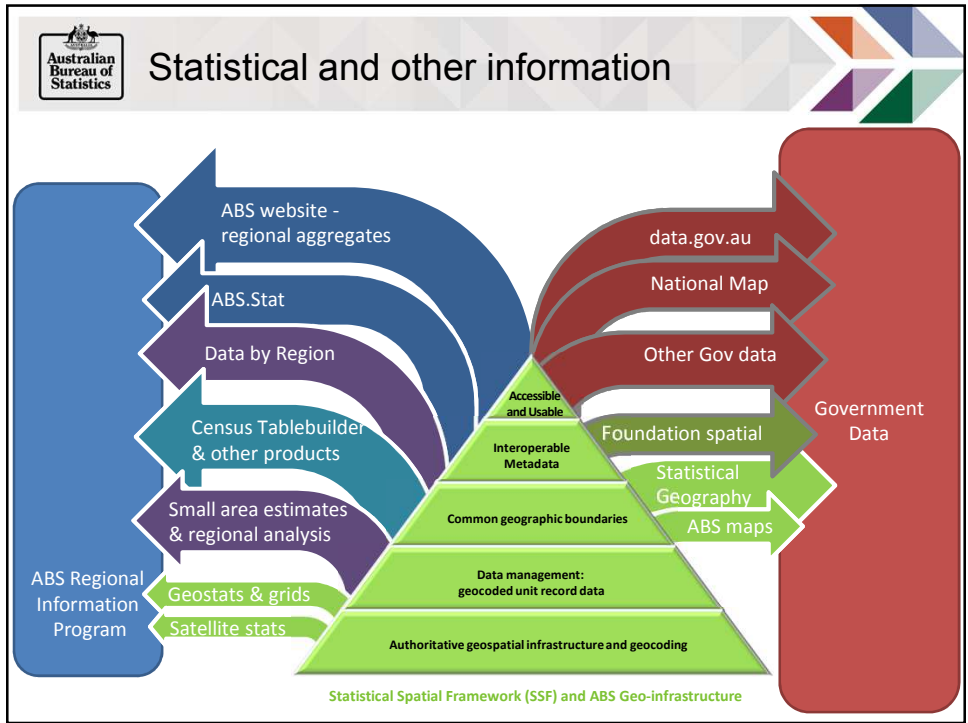
# Administrative and statistical data custodians



## Geo-infrastructure components supports ABS Statistical Business

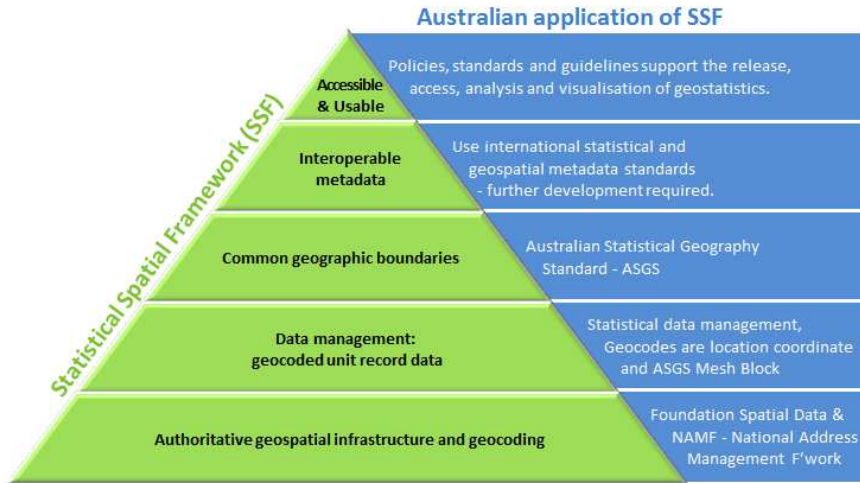


Statistical Spatial Framework (SSF) and ABS Geo-infrastructure





# Statistical Spatial Framework



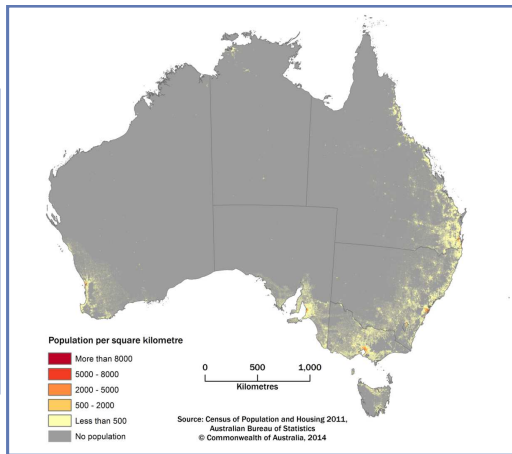
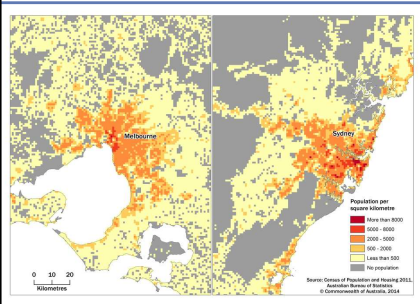
# Benefits of national framework



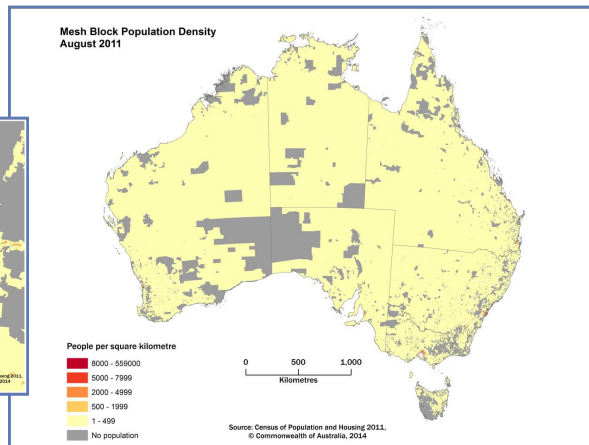
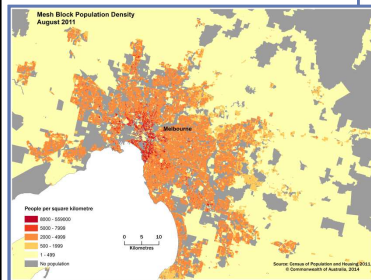
## Transforming statistics



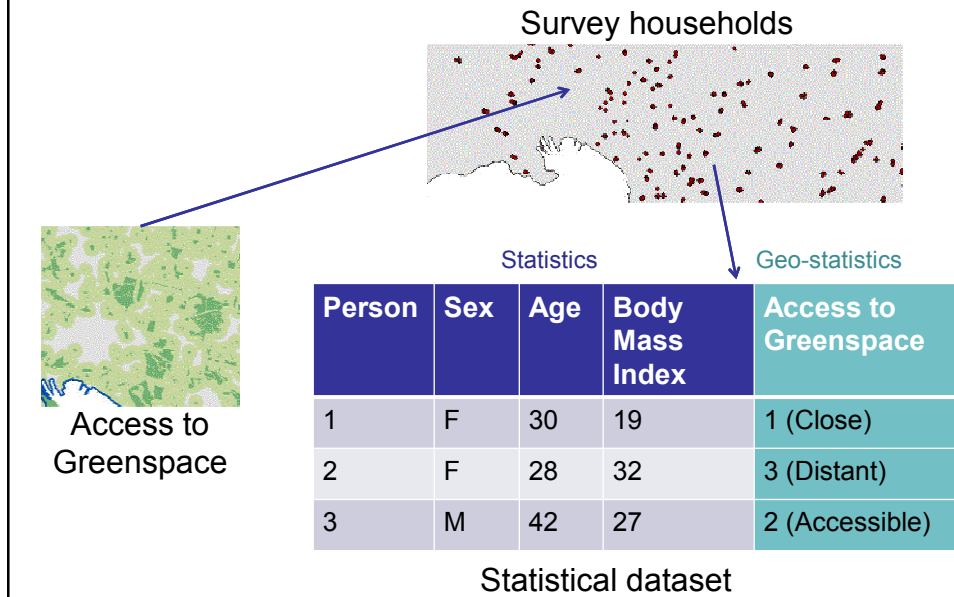
## Geospatial from statistics – Population Grid



## Geospatial from statistics – ASGS method



## Geo-statistics: Adding Geospatial Information to Statistics



## Adding Geospatial Information to Statistics

Address points from Health Survey - spatial link to built environment data

