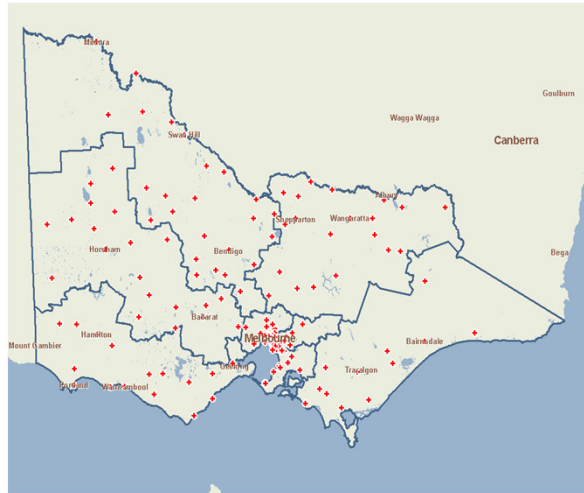


Environmental data management system for the Victorian public health system

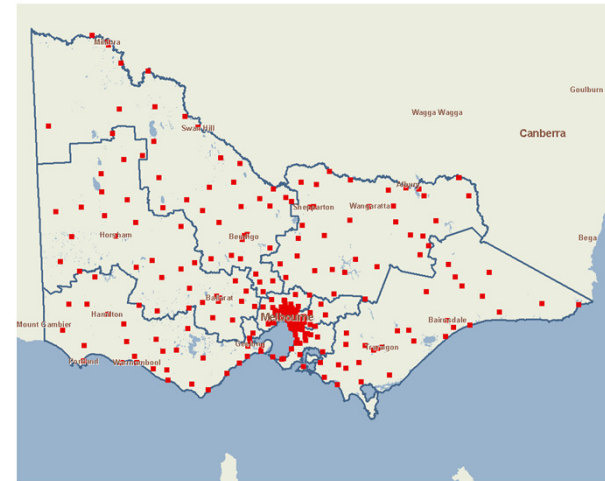
Mr Tiernan Humphrys, Manager Environmental
Sustainability

Victoria's public health asset portfolio

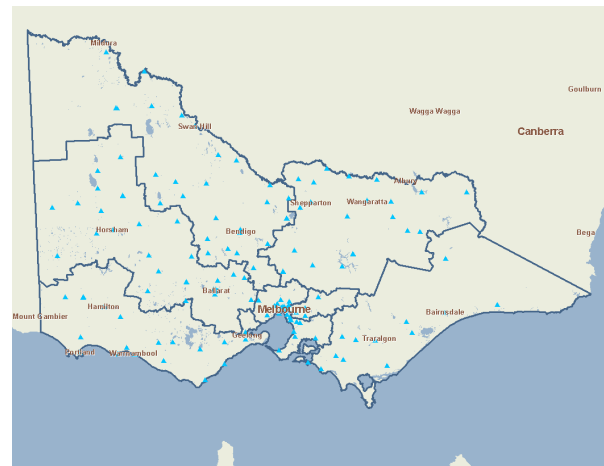
Victorian Public Hospitals



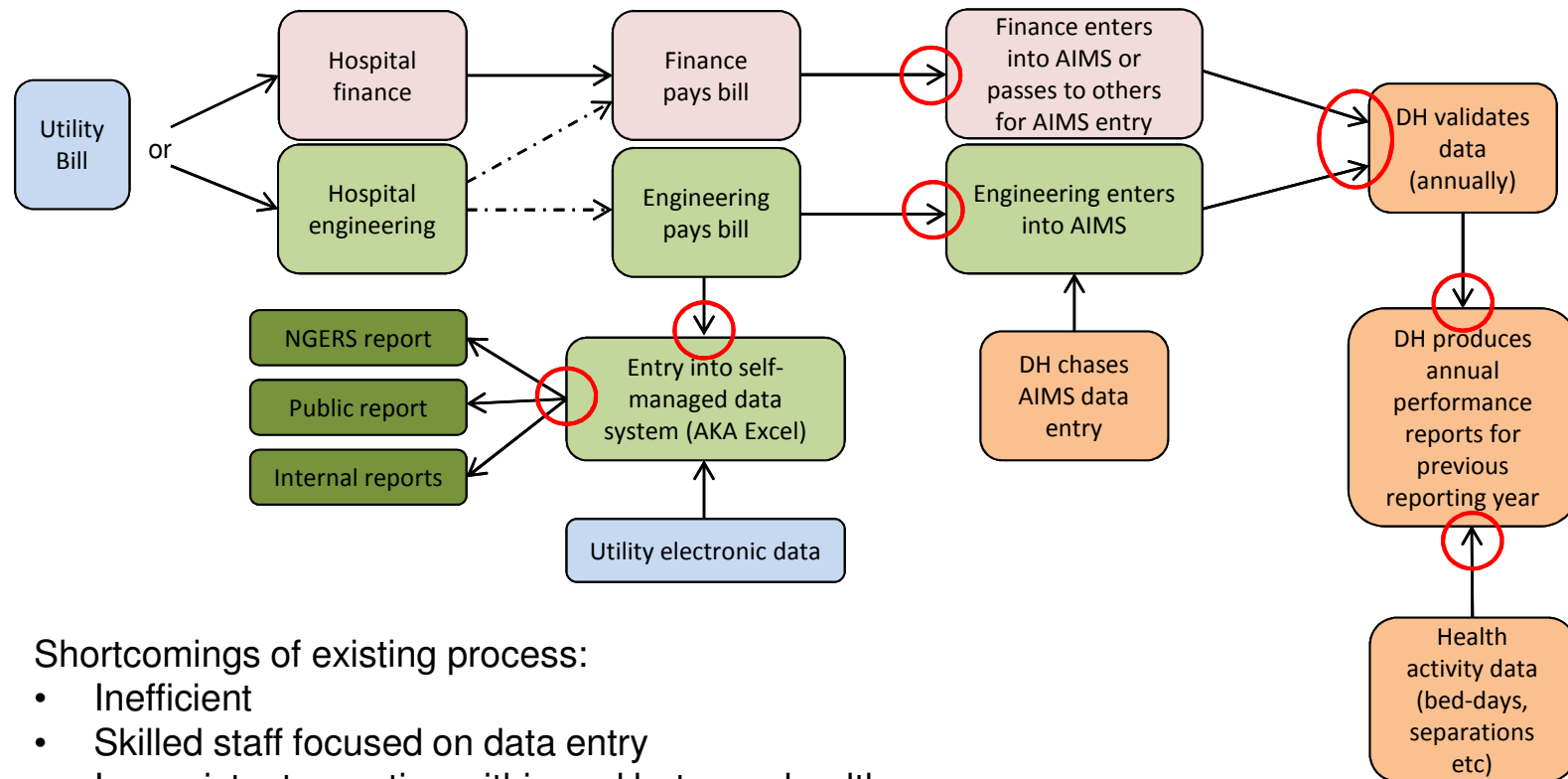
Victorian Ambulance Stations



Victorian Public Aged Care Facilities



Existing data management process

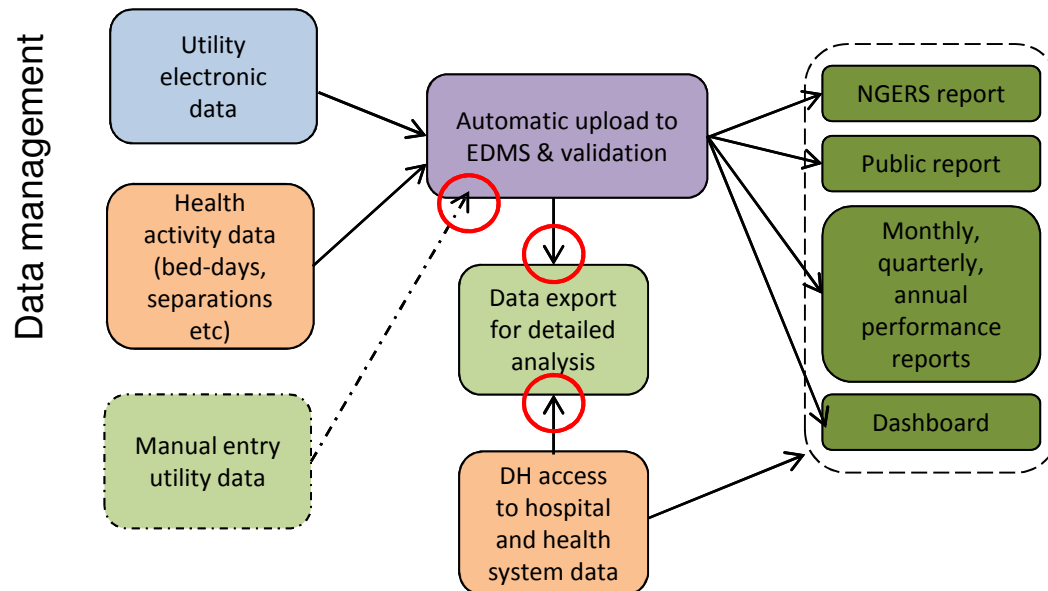
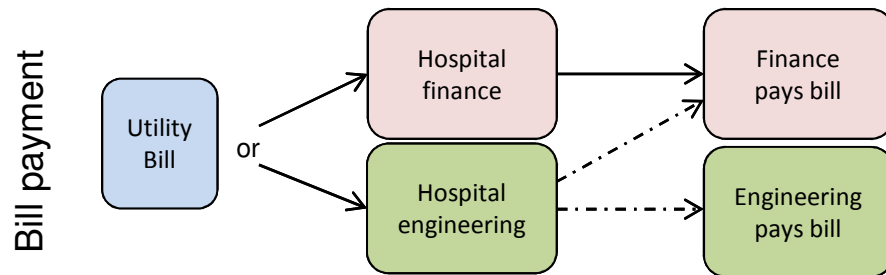


Shortcomings of existing process:

- Inefficient
- Skilled staff focused on data entry
- Inconsistent reporting within and between health services
- Duplicate reporting requirements
- Limited visibility on waste, paper, medical gases and transport and minor sites

○ Manual data process

EDMS process



○ Manual data process

Benefits of EDMS

- Automatic data entry removes manual entry errors
- Skilled staff able to focus on data analysis
- Departmental workload reduced through automatic data validation and reporting
- Single data entry and multiple reporting outputs
- Single source of environmental data for Victorian public health system
- Consistent reporting within and between health services allowing benchmarking
- Increased visibility of minor sites not previously reported to the department
- Increased visibility of waste, paper, medical gases and transport
- Cost spread across multiple users (economies of scale)
- Expandable to other outer budget health facilities (e.g. statutory agencies)

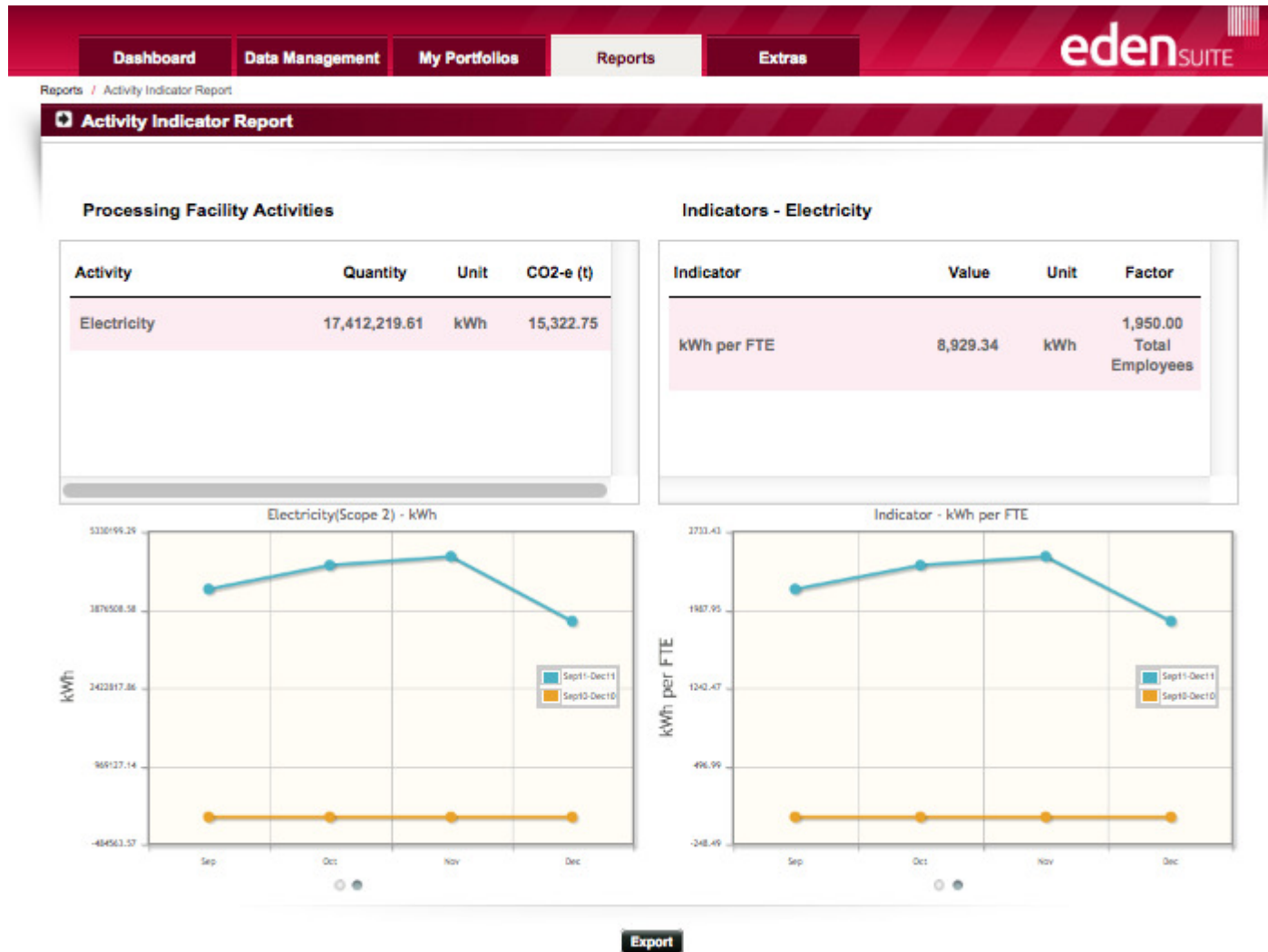
EDMS implementation

- Need to marry complex health asset hierarchy with EDMS asset hierarchy capabilities
- Need for consistent definition of terms between supplier, department and health services (e.g. asset, facility, activity data)
- Need for common understanding of processes, needs and implications
- Complex linkages between utility meters and asset hierarchy
- Addition of complex datasets – cogeneration and waste

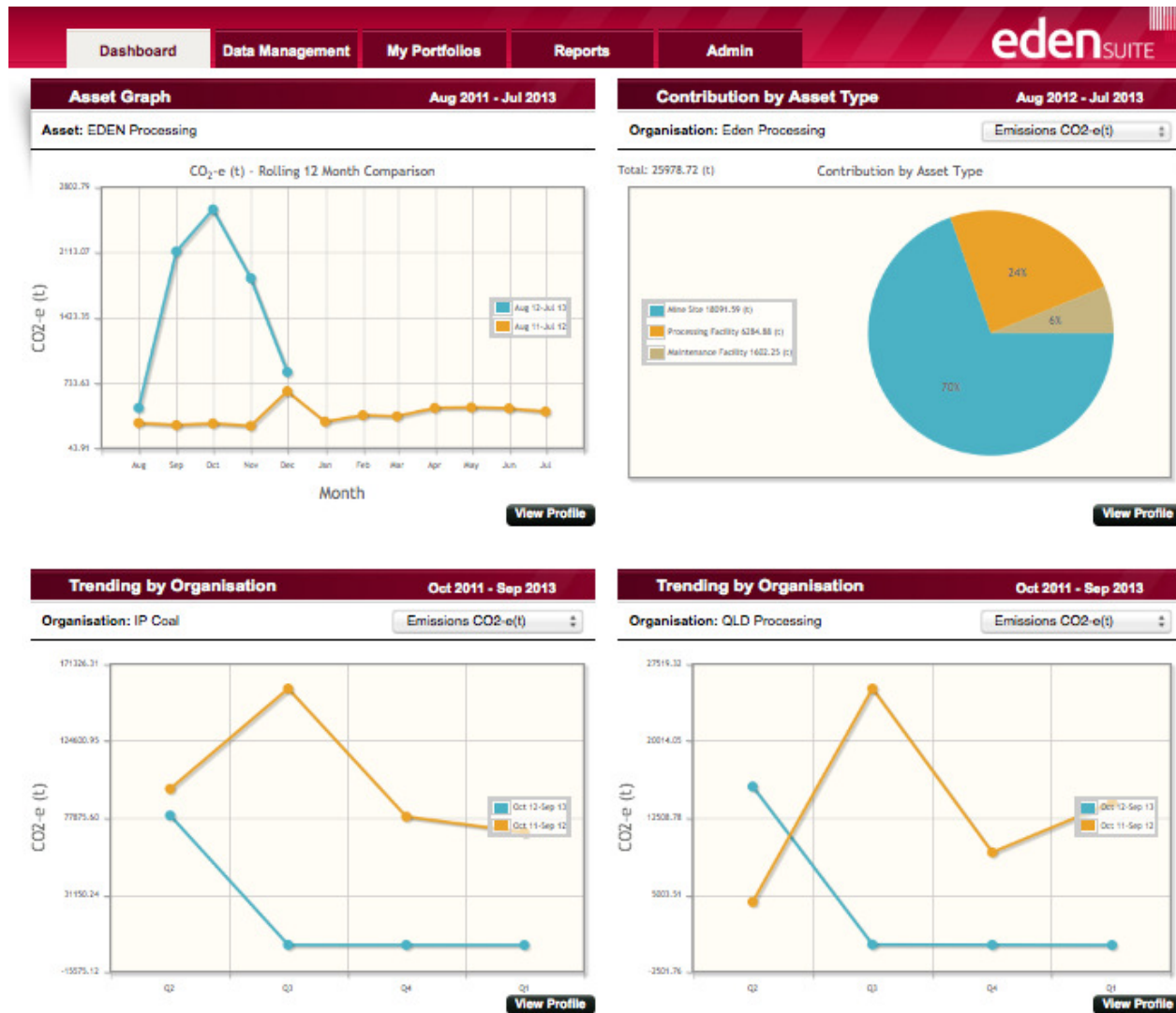
...but...

- Collection of asset and measuring device data not as big an issue as originally thought

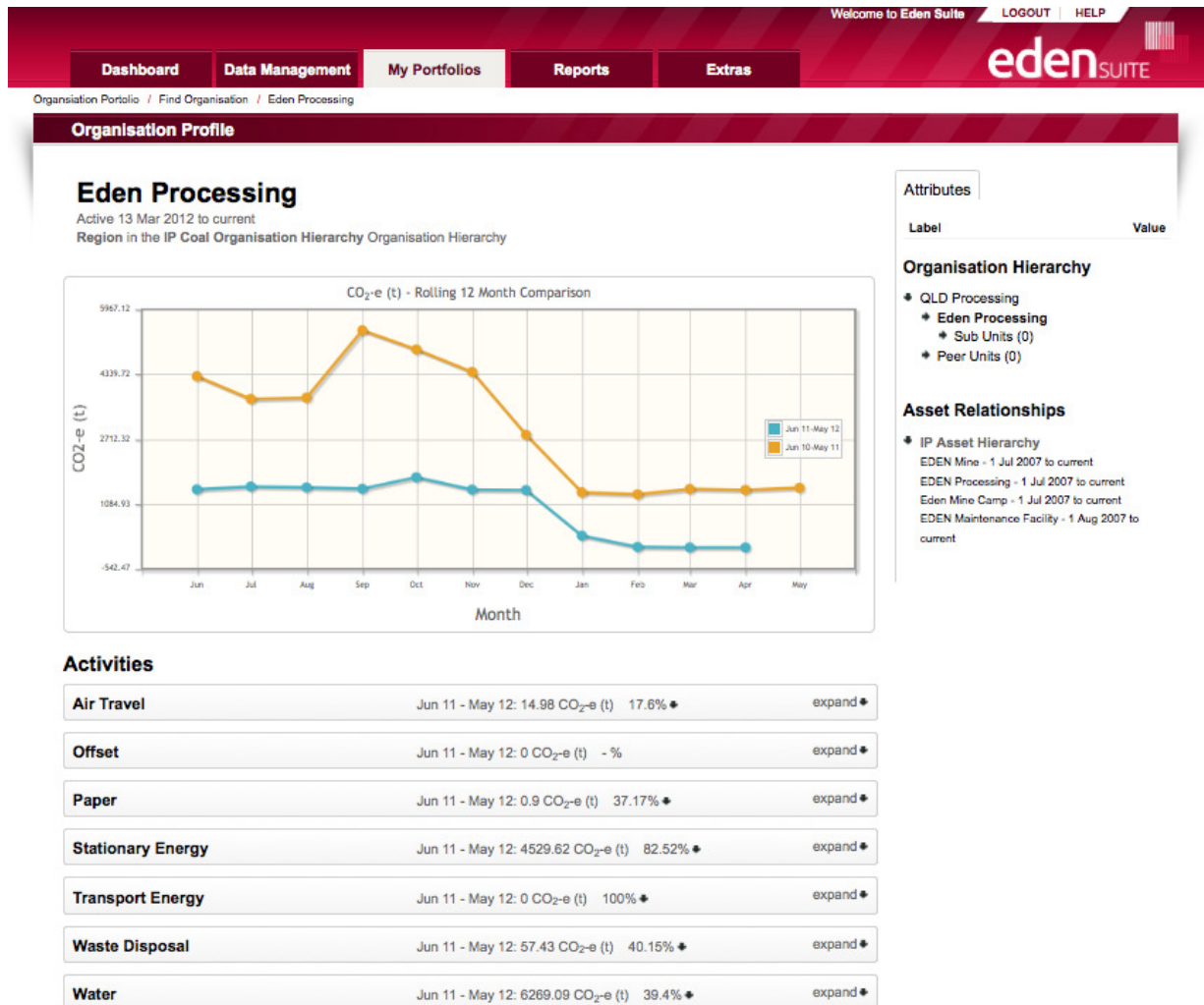
EDMS screen shot - activity indicator report



EDMS screen shot - dashboard



EDMS screen shot - rolling 12 month carbon



Thank you!

health

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