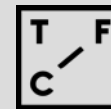


Lessons Learnt : Experiences in other Sectors

Dr. Steven Davy

Organisation sponsors:





Overview

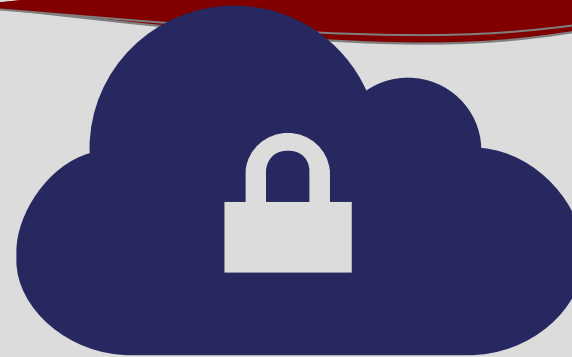
- Approach to use of Big Data in different Sectors
- Experiences from Transport
- Experiences from Energy
- Experiences from Disaster
- Lessons Learned

Organisation sponsors:





Experiences in Transport



- eDrive – MySafeDrive Project
- Drives Opt-in to be monitored
- Potential Savings in Insurance Costs
- Big Data Problems
- Privacy Concern



Organisation sponsors:





Experiences in Transport



- eDrive – MySafeDrive Project
- Drives Opt-in to be monitored
- Potential Savings in Insurance Costs
- Big Data Problems
- Privacy Concern
- Lesson: User is in control of their Data



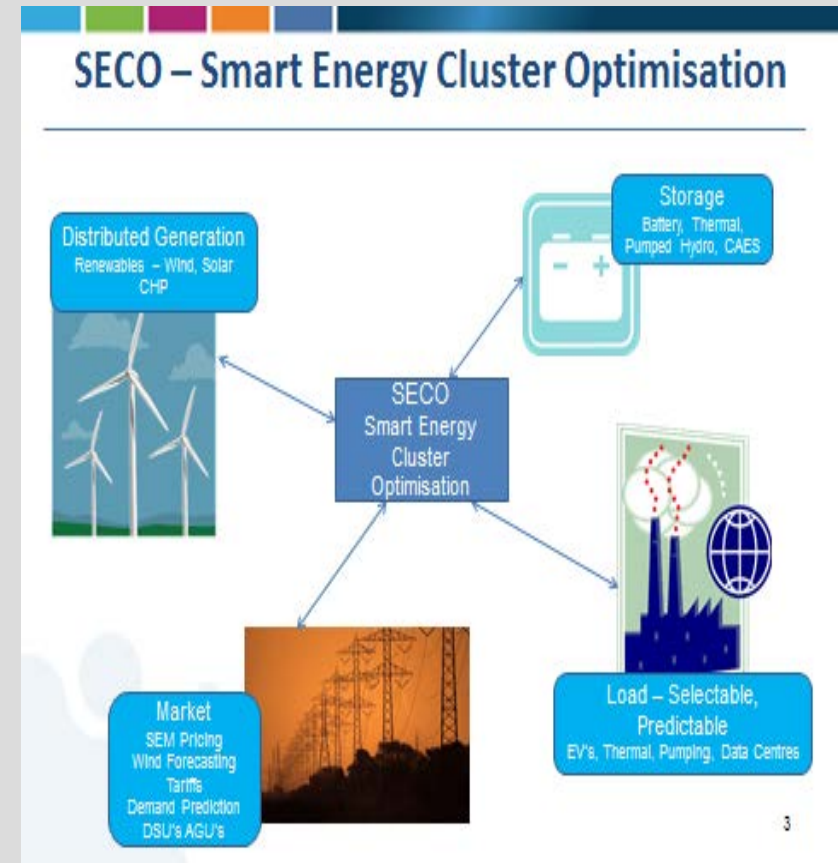
Organisation sponsors:





Experiences in Energy

- Energy usage in the enterprise is tracked
- Optimizations are suggested based on flexible load.
- Data Gathered across enterprises.



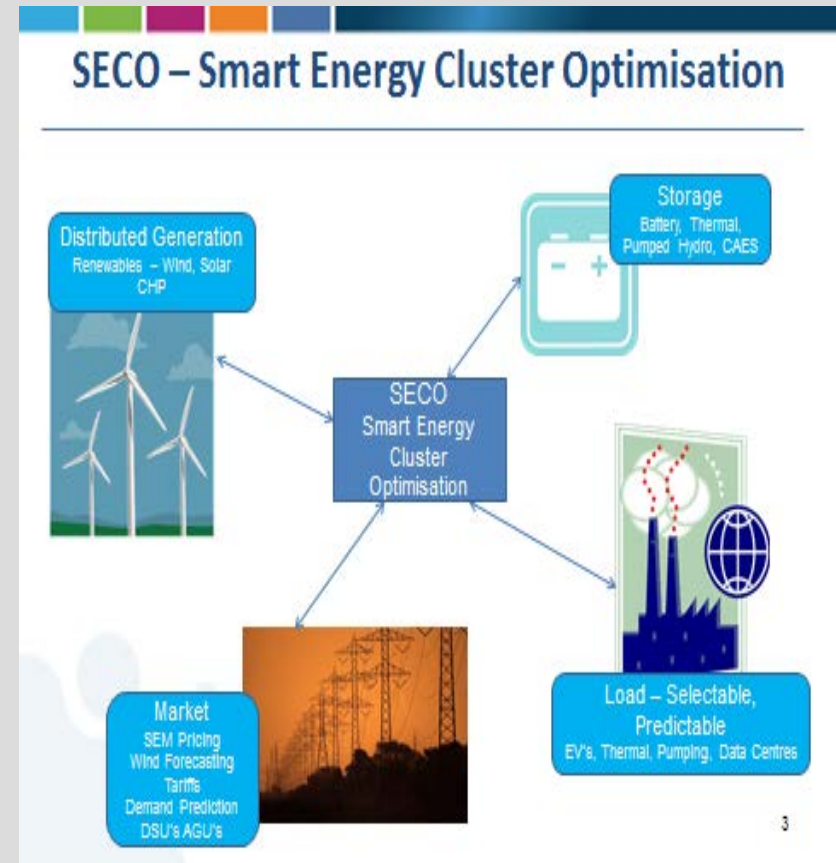
Organisation sponsors:





Experiences in Energy

- Energy usage in the enterprise is tracked
- Optimizations are suggested based on flexible load.
- Data Gathered across enterprises.
- Lesson: Solutions Must Adapt to various data forms

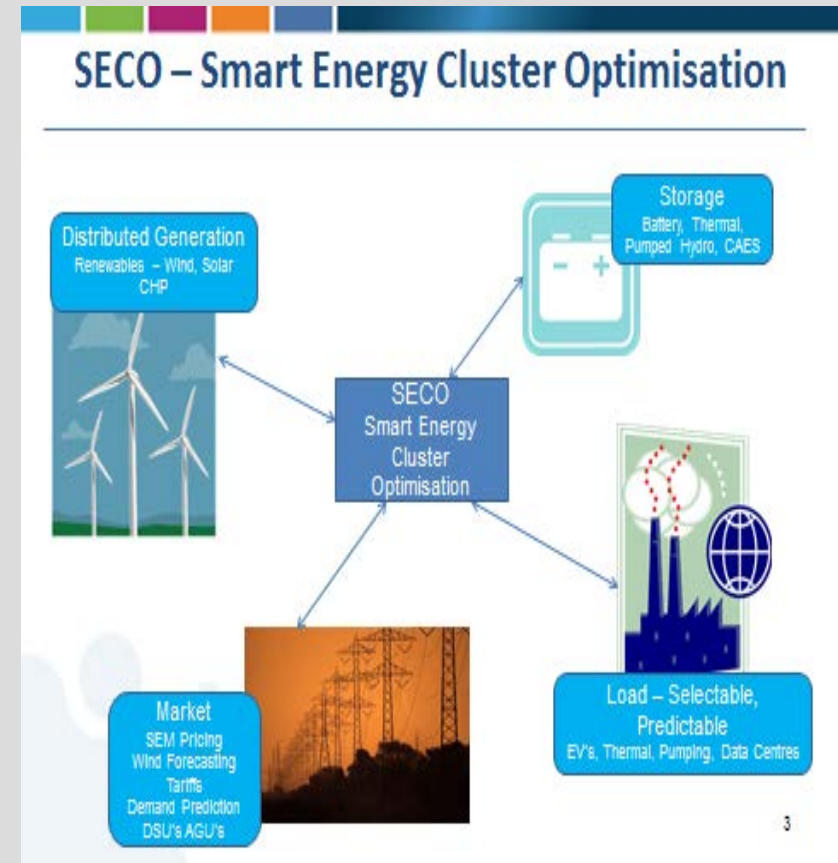


Organisation sponsors:



Experiences in Energy

- Energy usage in the enterprise is tracked
- Optimizations are suggested based on flexible load.
- Data Gathered across enterprises.
- Lesson: Solutions Must Adapt to various data forms
- Lesson: Commercial Data MUST be secured.

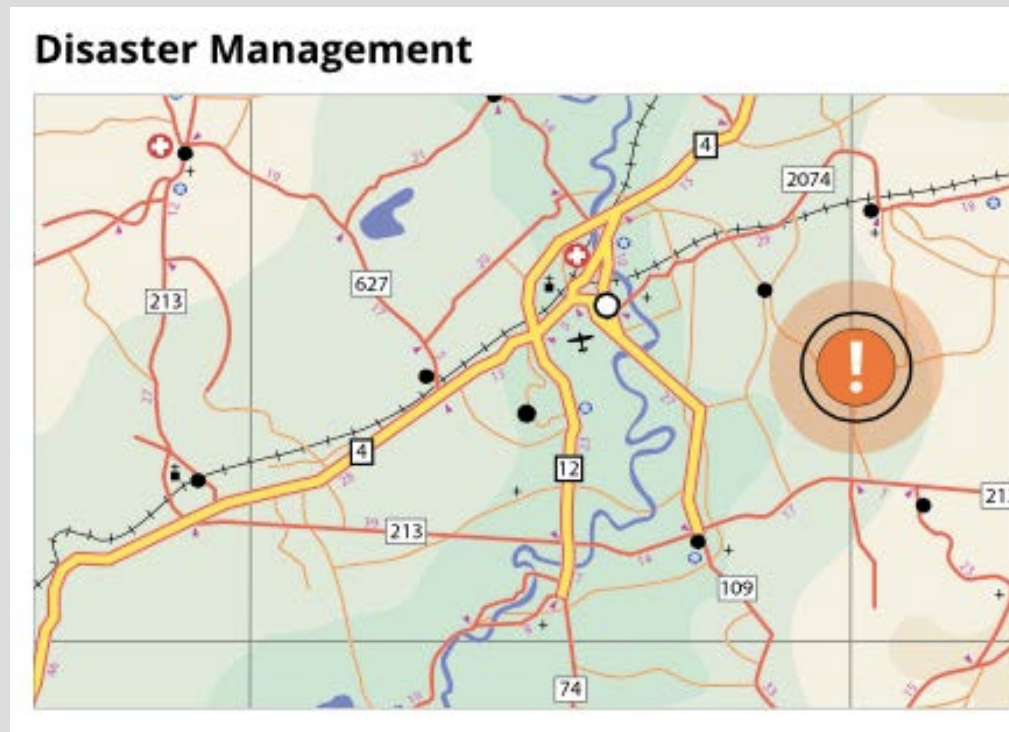


Organisation sponsors:



Experiences in Disaster Zones

- First Responders first assess the situation
- Large volumes of Big Data need to be processed
- Varying accuracy



Organisation sponsors:

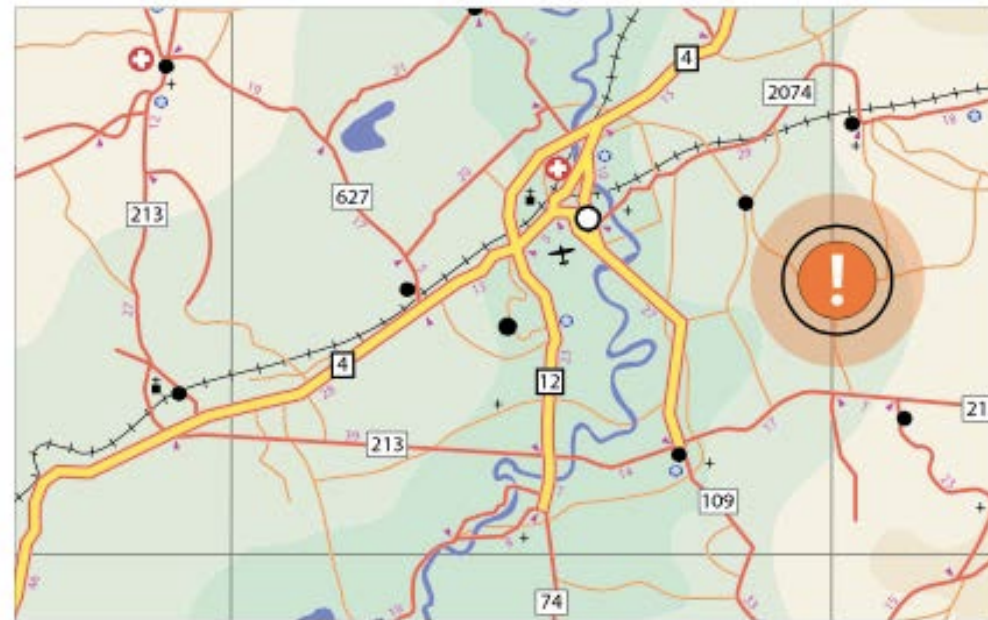




Experiences in Disaster Zones

- First Responders first assess the situation
- Large volumes of Big Data need to be processed
- Varying accuracy
- Lesson: Solutions must deal with in-accuracy

Disaster Management



Organisation sponsors:





Some Lessons Learned

- Processing of Personal or Commercial Big Data needs to be in the users control
- When Business Critical / Disaster Recover decisions are being made, build validation into your processes.
- When dealing with many sources of data (e.g. many companies / people / vehicles), data will need to be cleaned.

Organisation sponsors:

