

Sustainability & Innovation

The data story – the data revolution

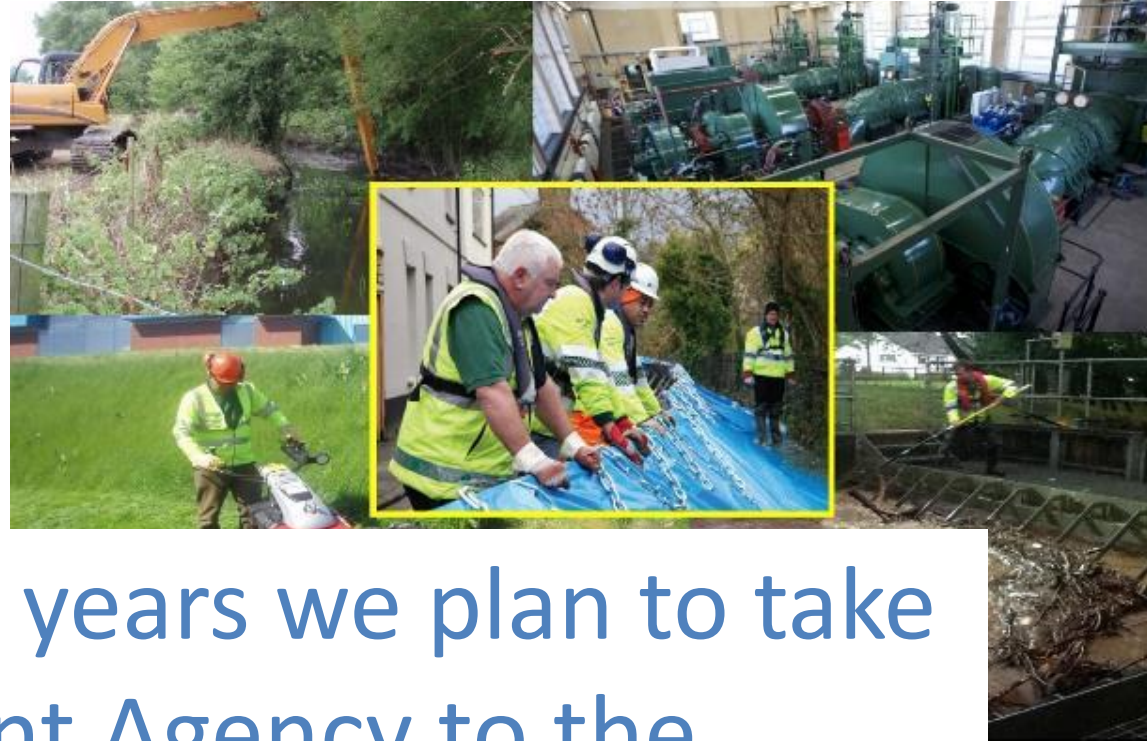
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Our Asset Management Vision



In the next five years we plan to take the Environment Agency to the forefront of infrastructure asset management.

Modernising Asset Management

Phase 1



**New Asset
Inventory**

Phase 2

**Maintenance
Work Planning**

**New Business
Processes**

Mobile Working

Phase 3

**Project
Management**

**Programme
Management**

Phase 2b

**Document
Management**

**Continuous
Improvement**

Data

BIM

Open Data

Data Standards

Benefits

- ➔ more effective, risk based, programmes
- ➔ improved open, transparent and accessible data
- ➔ reduced IT maintenance costs
- ➔ reduced carbon through whole life asset management
- ➔ reduce carbon from traveling and mobile working

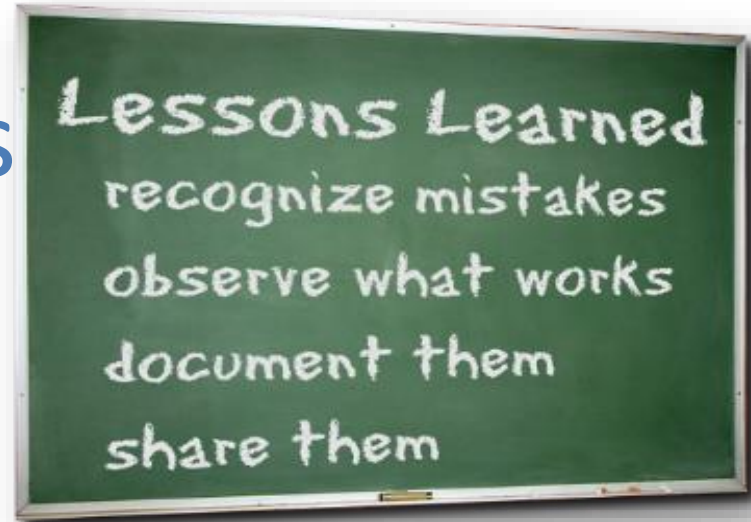


Reflections

- Better published maintenance programmes
- Mobile Working for over 1100 staff
- Delivered to time and budget
- Aiming for full utilisation by April 17
- Information at the asset level



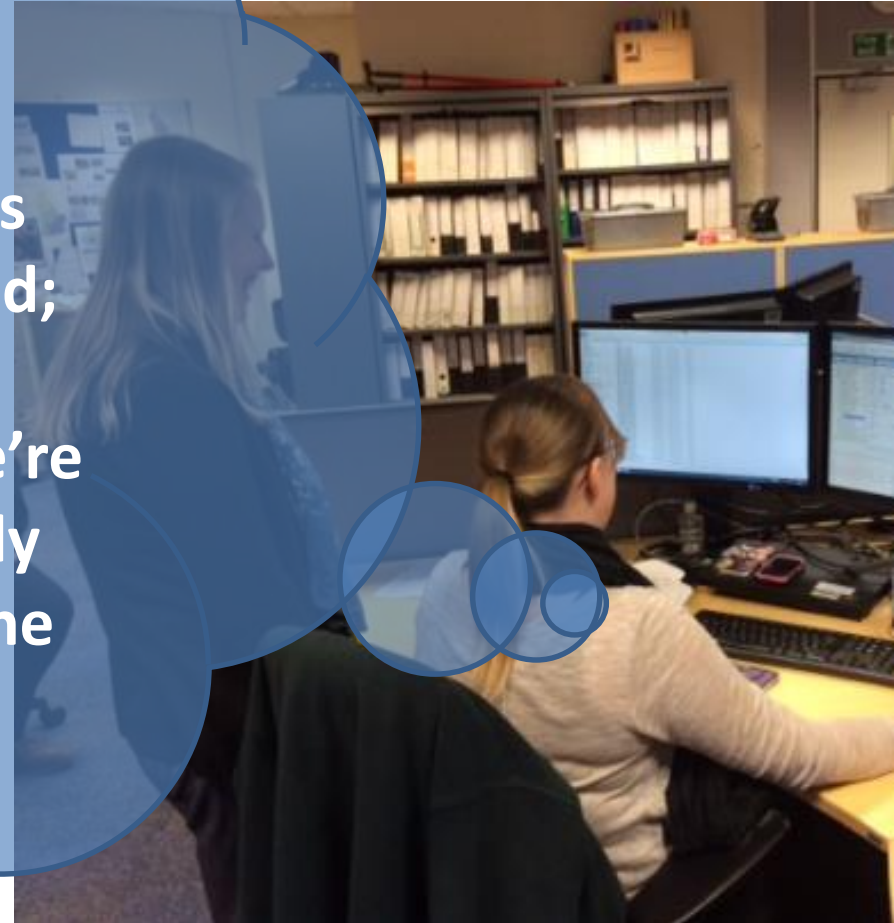
Lessons



- ➔ Ensuring adequate time for training and up embedding
- ➔ Make sure the technology really works before rolling it out
- ➔ New technology puts extra demand on existing infrastructure
- ➔ Recognise and plan for the cultural change
- ➔ Gaining local involvement for implementation

The end user perspective

“It has taken a while to work through the teething problems and to get everyone up to speed; especially with several new starters joining the team but we’re on the right track and can really see the long term benefits of the system”



The end user perspective

“We find that the app is relatively easy to use with a little bit of training, we had a few problems in the beginning due to using older iPads but those have been ironed out since the new ones have been issued”