Mapping to the OAIS
Agenda

1. Mapping to the OAIS
2. UK Data Archive perspective
3. National Archives perspective
Mapping to the OAIS

- Similar small discrepancies exist between the model and both archives
- External interfaces and preservation planning require most expansion
- Generality is a strength and a weakness – practical guides to OAIS are required.
- OAIS is a good foundation for digital archiving
Compliance

- OAIS defines mandatory responsibilities
- Analysed two functioning digital archives
- Mapped them to the OAIS reference model
Discrepancies

- Assumption of largely homogenous depositor community
- DIP management much more complex than OAIS would indicate
- Assumption of easily identifiable consumer community
Areas needing development

- External interfaces
- Preservation and presentation planning
- Information model
Practical application issues

- OAIS is functional, not architectural
- Generality outweighs specificity
- Necessary but not sufficient
Recommendations

- Usage guides and more case studies will ease adoption
- An “OAIS Lite” for smaller organisations
- Other archives should consider mapping to OAIS
- New archives should consider using the OAIS as part of a foundational model