

NUAG NATIONAL REFERENCING STANDARDS PROJECT PHASE 2

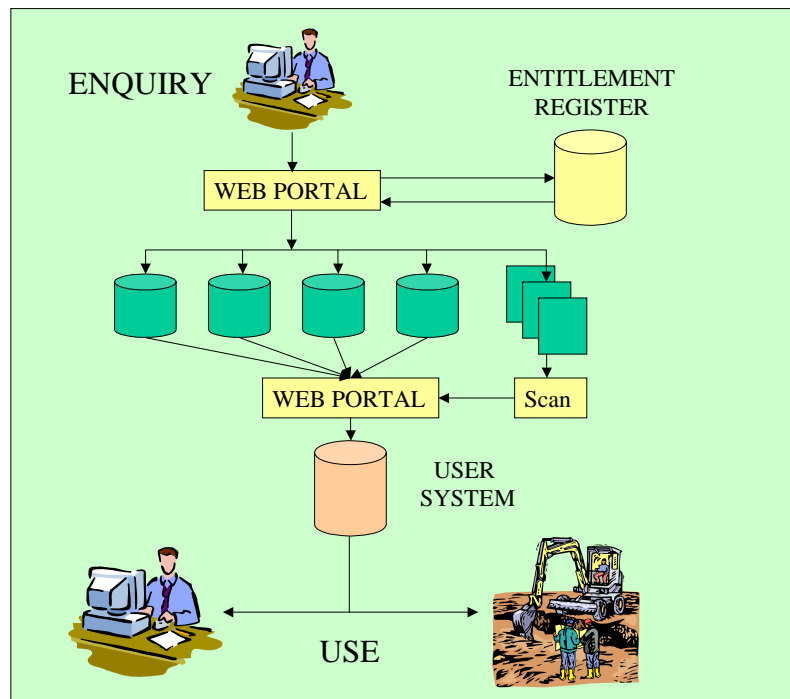
TERMS OF REFERENCE

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National Referencing Standards Project Phase 2 - Overview

Phase 1 delivered a robust set of standards and high level processes, especially in the areas of *Capturing, Recording and Storing Data*. Phase 2 is primarily about developing in much more detail the *Share Asset Information* process (as described in section 8.5 of the July 2007 Report – see graphic below), with a view to describing agreed processes, protocols, etc for *Sharing Asset Information* to enable system development of the technological capability needed to deliver the NUAG Vision.

This development work is outside NUAG's scope, but there is also a need to define a high-level Schema that will aid the translation from business logic to working systems.



Project Deliverables

Key deliverables will include:

1. A document (working title: *Share Asset Data and Display Asset Information – Business Processes and Protocols*) setting out in detail business process definitions with associated protocols and guidelines, all as currently described

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in Section 8.5 of the July 2007 NUAG Report, based on a fuller understanding of user requirements and available technologies. The document is to be in sufficient detail (including appropriate pictures, examples, sample screens, etc.) to allow a ready understanding of what is proposed as needed for development and implementation of the technological capability required to help move towards the delivery of the NUAG Vision.

2. A high level schema capable of further detailed development.
3. An implementation approach, incorporating recommendations for future ownership and management, suggested migration paths and associated timetables.

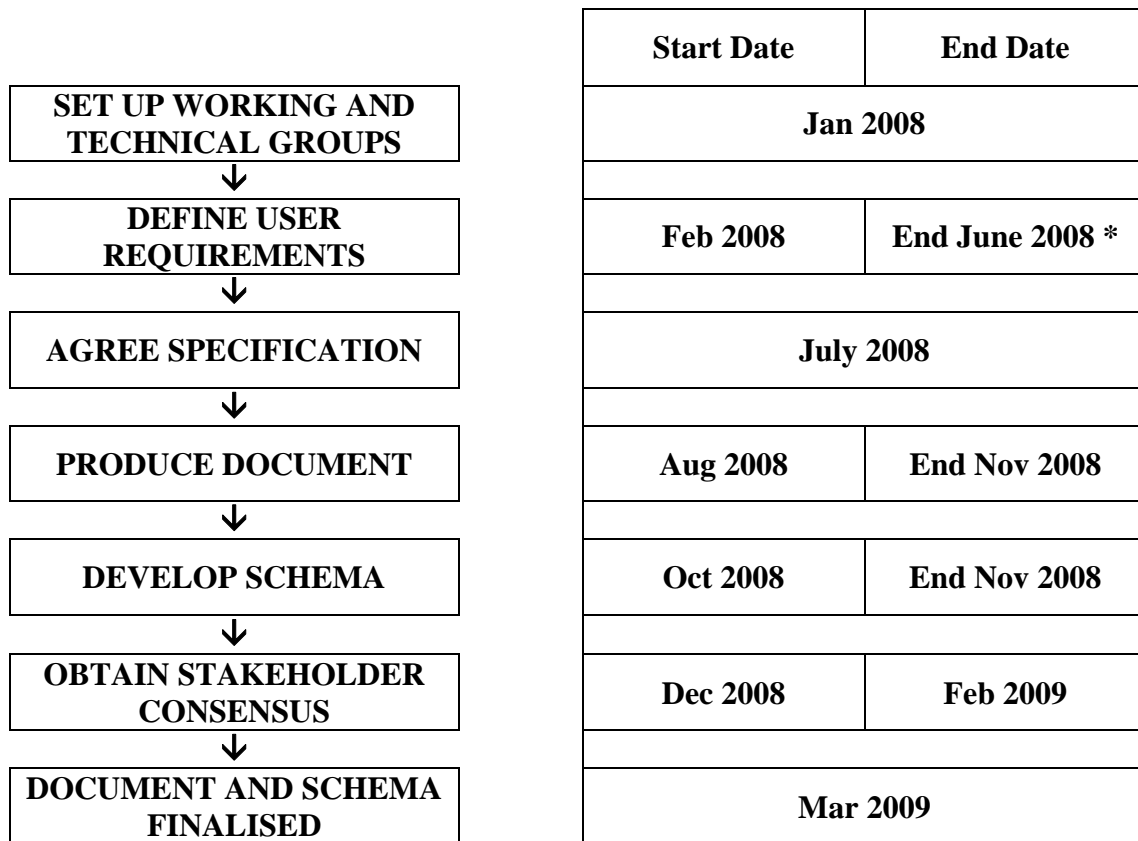
Deliverables must:

- reflect consensual stakeholder requirements (and current and future processes);
- be aimed at delivering the NUAG Vision;
- be based on NUAG's work to date;
- be in sufficient detail to allow ready understanding by different readership groups (strategic, tactical and technical);
- be independent of technology (but at the same time generic, and consistent with universal standards e.g. OGC, WMS...);
- address implementation, ownership and management issues.

Project Scope

1. To identify current processes and practices in sharing and displaying asset information, and to understand associated problems and issues.
2. To understand current and likely future technologies for sharing and displaying asset information.
3. To understand stakeholder plans and needs for sharing and displaying asset information.
4. To define user requirements for sharing and displaying asset information.
5. To produce a specification for the document.
6. To produce the document.
7. To produce a high level schema, consistent with other 'associated' schemas.

Project Process and Milestones



* Successful achievement of this date is largely dependent on the availability of User representatives, which is itself dependent on influences and factors outside NUAG's control.

Methodology – Key features

- Document specification, data gathering process and production process agreed with Working and Technical Groups.
- Working Group members set up User Focus Groups (Utilities: Gas, Electricity, Water, Telecoms, Pipelines, Network Rail, Contractors; Highways: Rural (i.e. County Councils), Urban (i.e. City/Town/Borough Councils), TfL and HA).
- Focus Group meetings used to gather data on processes, issues, problems, pitfalls and examples for current and future situations, as a precursor to developing user requirements.
- Document produced based on July 2007 NUAG Report and Focus Group inputs, with iterative review and revision phases built in.
- Steering Group kept informed of progress, and involved in sign-off at agreed stages.
- Subset of Technical Sub-Group members co-opted to Working Group to ensure futureproofing.
- Technical Sub-Group to develop high-level Schema based on Working Group output.
- Steering Group responsible for stakeholder engagement.

Management of project resources

- Membership of the project groups will be managed by the NUAG Steering Group, and will be open to the widest, most appropriate population.
- Sub-groups will be set up by the Project Leader, NUAG Convenor and NUAG Facilitator as and when deemed necessary and appropriate to deliver specific and discrete parcels of work (to reflect the successful use of this approach in Phase 1).
- Attendance at group meetings, and involvement in the project work will be open to all group members but, as is inevitable with a large group, attendance at meetings will be on a quorum basis.

Approach

