



2009-05-07

CEN Workshop Business Plan

“ORCHestrating Industrial Data” (CEN WS/ORCHID)

(approved at the Kick-off meeting on 2009-05-07)

1. Background to the CEN Workshop

Companies in the process industries shall be able to share and/or exchange electronically the information needed to design, build, operate and maintain process and power plants using internationally accepted information standards.

The Orchid Workshop can contribute significantly to establish sufficient critical mass and focus in Europe on resolving the interoperability issues in the product and plant engineering supply chain through reference data libraries and standardized digital product models.

The interoperability issues exist over all phases of a plant and a product and are crucial for eBusiness in the product and plant supply chain i.e. in e-collaboration in the design & engineering phase, in e-procurement in the procurement phase, in the construction phase and in the operational and maintenance phase.

The updated roadmap for life cycle data will cover all these plant life cycle phases in order to give clarity on what will be the main phases process industry standardization will go through and on who will play what role in this. This will include possible convergence of the various classification systems and the use of electronic catalogues for procurement.

2. Workshop proposers and Workshop participants

The Workshop is proposed by the Orchid group (Orchestration of Industrial Data). The Orchid group consists of representatives of involved industry groups and solution providers. Currently active Groups are: USPI, PROLIST, THTH, eCI@ss, ICAAMC. These include equipment suppliers and software and solution providers. Typical companies are: Shell, Bayer, DSM, Basell-Lyondell, Siemens, Honeywell, ABB, Fluor, Metso, etc.

Over the last three years, the group has met informally several times in Europe and has done work on aligning and defining what would be required in Europe to speed up standardization. Up till now the Orchid activities were funded from the participating companies and associations without subsidies.

Discussions are under way concerning a permanent process industry committee structure consisting of senior executives of the involved industry groups. The intention is to maintain this formal European committee after completion of the CEN Orchid Workshop project. Participation at the Workshop is open to any organization/body with an interest in the subject if meeting the relevant rules of the EU and CEN. There is no fee for participating but each participant will bear its own expenses for attending meetings.

3. Workshop scope and objectives

The **objective** of the proposed Workshop is to:

- Update the existing process industry roadmap for life cycle data developed in the Netherlands and adapt it to the European context and new insights.
- Create a technical product and plant life cycle data standards implementation guide for the roadmap with a focus on the immediate future.

These objectives address the need to disseminate the usage of the life cycle data roadmap in Europe and to agree a common implementation path forward in process industry that includes choices of existing possible standardization technologies.

The Workshop will draw up two CWAs. These will provide guidance to the smaller equipment and services suppliers who do not have the resources, neither the skills to develop eBusiness standardization themselves.

One CWA will provide the process industry committee the content to share the common vision about the future standardization. A second CWA will provide the technical foundation to mandate implementation steps to the supporting groups.

The Workshop core participants will be the process industry in Europe, comprising plant owners, EPC contractors and its equipment suppliers and solution providers. Many of them are multinationals with offices in other parts of the world as well. However, also small companies are involved, in particular on the side of the smaller equipment suppliers, the software suppliers and the institutes. The total target group represents a significant part of European process industry covering oil, gas, power, pulp, paper, pharmaceuticals, chemicals, equipment manufacture for pumps, compressors, rotating equipment, pipes, valves, instrumentation, electrical, etc. It should be noted that equipment suppliers also supply equipment to other industries, which has a significant impact on the implementation guide.

4. Workshop programme

A new CEN Workshop will be set up for a proposed duration of 18 months. The Workshop working language is English. The 2 CWAs will be produced in English only.

The detailed work-programme is contained in the table below:

Activity	Milestone	Who	When
Launch Workshop and call for experts	WS kick-off meeting	CEN	Brussels, 7 May 2009
Experts selection and start analysis phase		Chair, Secretary, CEN representative	May 2009
First draft CWA 1 and outline CWA 2	1 st plenary meeting	PT	October 2009
draft CWAs	2 nd WS plenary meeting	PT	February 2010
Draft CWAs for public comments		all	April-May 2010
Open conference – comments and CWA endorsement	Open conference + electronic endorsement	all	May 2010
Final adoption of CWAs		PT, CEN	June 2010

The Workshop will carry out some specific marketing activities:

- A quality brochure on the Workshop CWA's will be produced in 1400 copies and distributed at events and conferences.
- Creation of a Web site and the regular distribution of a newsletter.
- Reverse information on Web sites of involved members.
- Publications and presentations to other groups and at external meetings and conferences.

5. Workshop structure and organization of the work

The Workshop will appoint at the Kick-Off meeting a Chair and Secretariat, and will approve the Terms of Reference for a Project Team with maximum 4 paid experts.

It is expected to have two additional Plenary meetings and a final conference to disseminate the results of the work.

The responsibility of the Workshop Chair is the following:

- To preside at Workshop Plenary Meetings,
- To ensure that the Workshop delivers in line with its Business Plan,
- To manage the consensus building process,
- To interface with the Workshop Project team,
- To interface with the CEN/CMC regarding strategic directions,
- To manage external liaisons.

The role of the Secretariat is to co-ordinate the administrative duties involved in the organization and implementation of the Workshop including:

- Registering all Workshop participants in a database
- Maintaining the meeting schedules and arranging the physical meeting locations,
- Distribution of agenda and materials for the Plenary Meetings through NEN livelink.
- Recording Minutes of the Plenary Meetings,
- Final production (formatting according to CEN Style Guide) of the final CWAs.

Individuals and organizations can register with the Workshop secretariat for membership. Participation is also possible through electronic channels, e.g. via e-mail lists and websites.

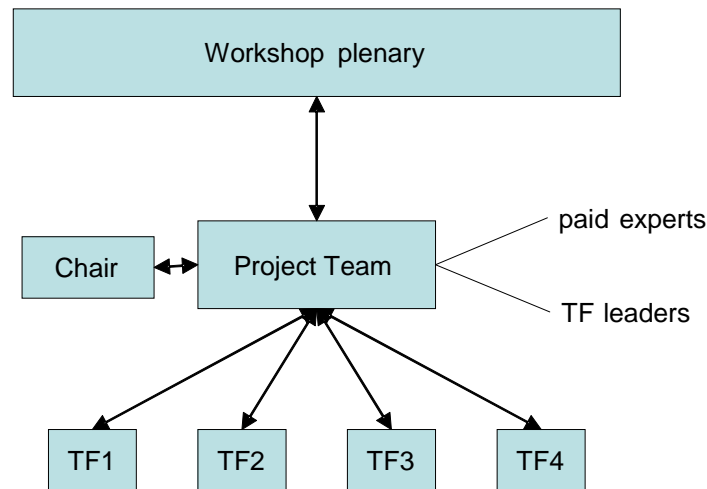
The Terms of Reference of the Project Team will be agreed by the Workshop and an open call will be made on the web for candidate experts. A neutral selection panel (Chair, Secretariat, CEN Management Centre and possibly one or more other experts) will select the experts under CEN rules.

The work will be organized within following four Task Forces, with a Project Team expert assigned to each:

- TF1: Adaptation of existing roadmap (Expert A)
- TF2: Landscape of existing standards and their use related to the phases of the existing roadmap (Expert B)
- TF3: Development of the implementation roadmap on the basis of the adapted roadmap and the standardization landscape (Expert C)
- TF4: Raising awareness, marketing of the result, organization of a final conference to spread the ideas and ensure adoption of the results in industry and standardization organizations (Expert D)

Each taskforce will consist of one PT expert and a group of volunteers who contribute to the result of the task by their contribution in kind. Any taskforce will be chaired by a Workshop participant on a voluntary basis. The paid expert will function as editor and secretary of the group.

At the plenary sessions and at the final conference the taskforces will report to the CEN Orchid WS and discuss the interrelationships of the results. Expert A and C will draft their respective CWA after which a professional English speaking editor will edit the documents.



6. Resource requirements

All costs related to the participation of interested parties in the Workshop's activities have to be borne by themselves.

As indicated above, the Terms of Reference and PT selection and appointment will be in accordance with CEN rules. Prospective Project Team members are requested to commit resources to the completion of the project goals on being appointed to that position.

The Project Team and the Workshop Secretariat functions will be financed by the European Commission and the EFTA Secretariat under the 2008 ICT Standardization Work Programme (SA/CEN/ENTR/000/2008-21).

7. Related activities, liaisons, etc.

The Orchid group has existed informally for about three years. In that period it has built a network of industry groups, companies and institutions who share the concept of collectively addressing the issue of interoperability and making collective choices for preferred and sustainable standard and implementation technologies. The Workshop will make full use of this network.

8. Contact points

Such as Chairman, Workshop Secretariat, Editors, CMC contact, etc.



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