Cross-Language Subject Browsing

Subject normalization centered in the Common European Research Classification Scheme

- A research and development oriented knowledge organization system
- It is part of the Common European Research project

Information Format

Subject browsing is based on normalization of bibliographic data regarding the subject of the resources

Requirements for Visualization and Navigation of Knowledge in Pan-European Resources

Resources may not have subject information
- A very significant part of the bibliographic resources does not contain subject information, or use an unknown knowledge organization system. A knowledge navigation method should not completely exclude the navigation of these bibliographic resources.

Heterogeneous subject data
- The same concepts may be represented in different ways in the data. In traditional online catalogues, when a user navigates through a subject system the expected behaviour of the system is to be comprehensive in the listing of the associated bibliographic resources. In pan-European resources this behaviour is not possible to replicate, therefore a knowledge navigation method should be designed accordingly.

Wide range of Knowledge Organization Systems in use
- A knowledge navigation method should be supported by alignments between knowledge organization systems.

Subject Heading Systems are often used
- However, subject heading systems are language specific. A knowledge navigation method should be supported by cross language alignments between knowledge organization systems.

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