Belief

The Global Access Point to e-Infrastructure

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Open Access to Grey Literature on e-Infrastructures: The BELIEF-II Project Digital Library

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e-infrastructure

Project objectives

- Provide a powerful communications platform (Portal & Digital Library) for all e-Infrastructures projects and initiatives
  - Supports document management, dissemination and open access to grey literature
- Facilitate international networking between e-Infrastructures projects and end-users
- Explain and promotes global e-Infrastructures among researchers and general public

Digital Library (DL)

Single channel for projects & users…

- To manage their content
- To communicate their documents to the scientific community and to the public
- To be a unique access point to find e-Infrastructures multi-media compound documents
- To spare resources for the setup and maintenance of a project repository
- To guarantee preservation of material after the projects come to end

DL Key Features

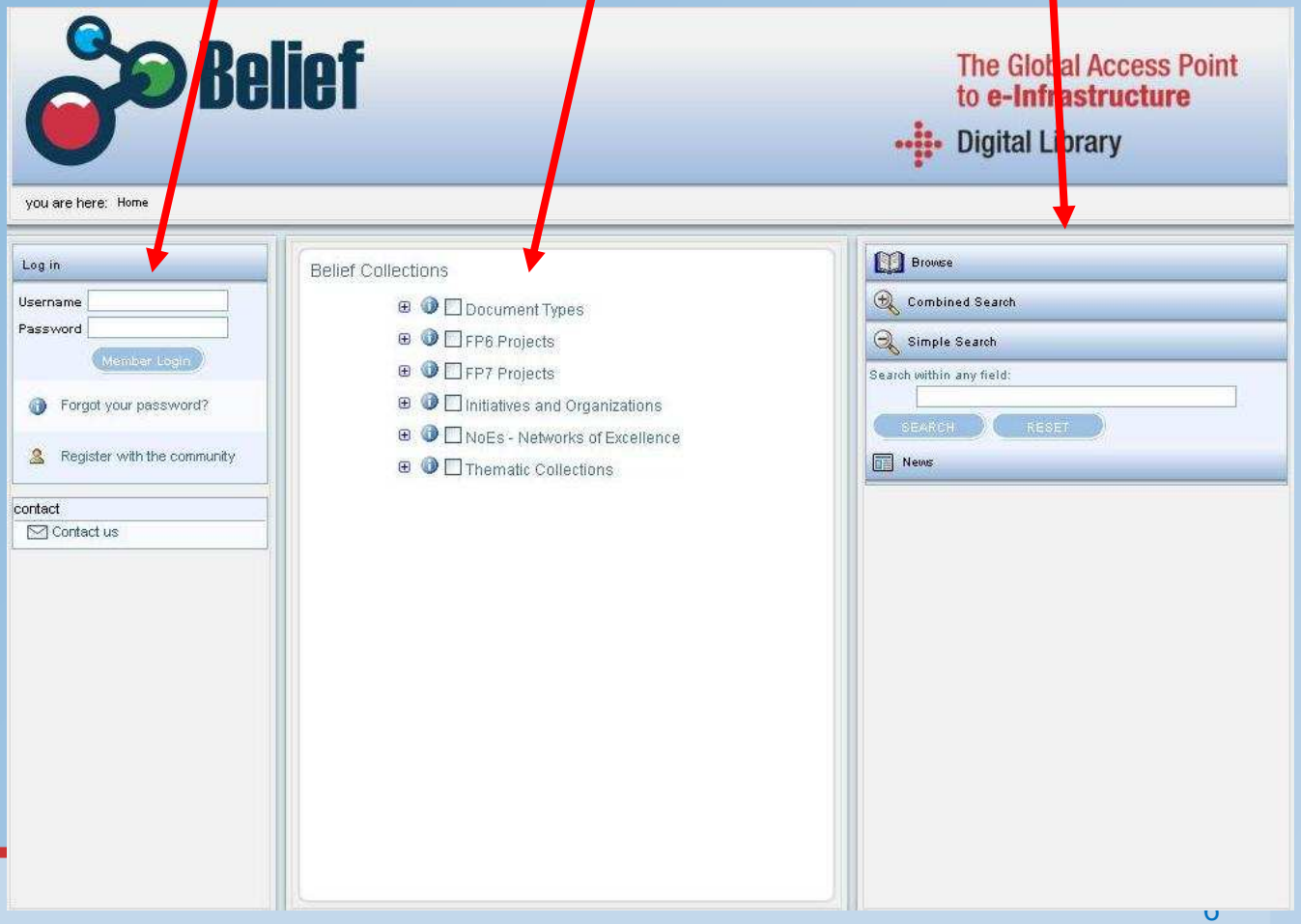
- Provides services to support the submission, description, searching, browsing, retrieval, access, preservation and visualization of multimedia documents.
- Users can define the information space which they want to search/browse upon in terms of collections.
- Collections can be created interactively, based on the archives the documents are to be selected from.
- Different search/browse options are offered: Google-like or fielded.
- Full compliant Open Access implementation via the OAI-PMH protocol.

DL Technical Approach

- The DL is implemented on top of the OpenDLib Digital Lirary Management System (http://opendlib.research-infrastructures.eu/)
- Uses Dublin Core Qualified (DCQ) encoding for the purpose of interoperability.
- Accepts input in any among DC, DCQ (recommended), MARC, UNIMARC, MARC21, MARCXML formats.
- Implements harvesters based on OAI-PMH or any API returning an XML file containing metadata encoded in one of the above formats.
- In addition to its full OAI-PMH compliancy, implements of a set of APIs to be easily used by programmers to interface basic functions of the DL.

User Interface Look & Feel

Community + Information Space + Content Access…

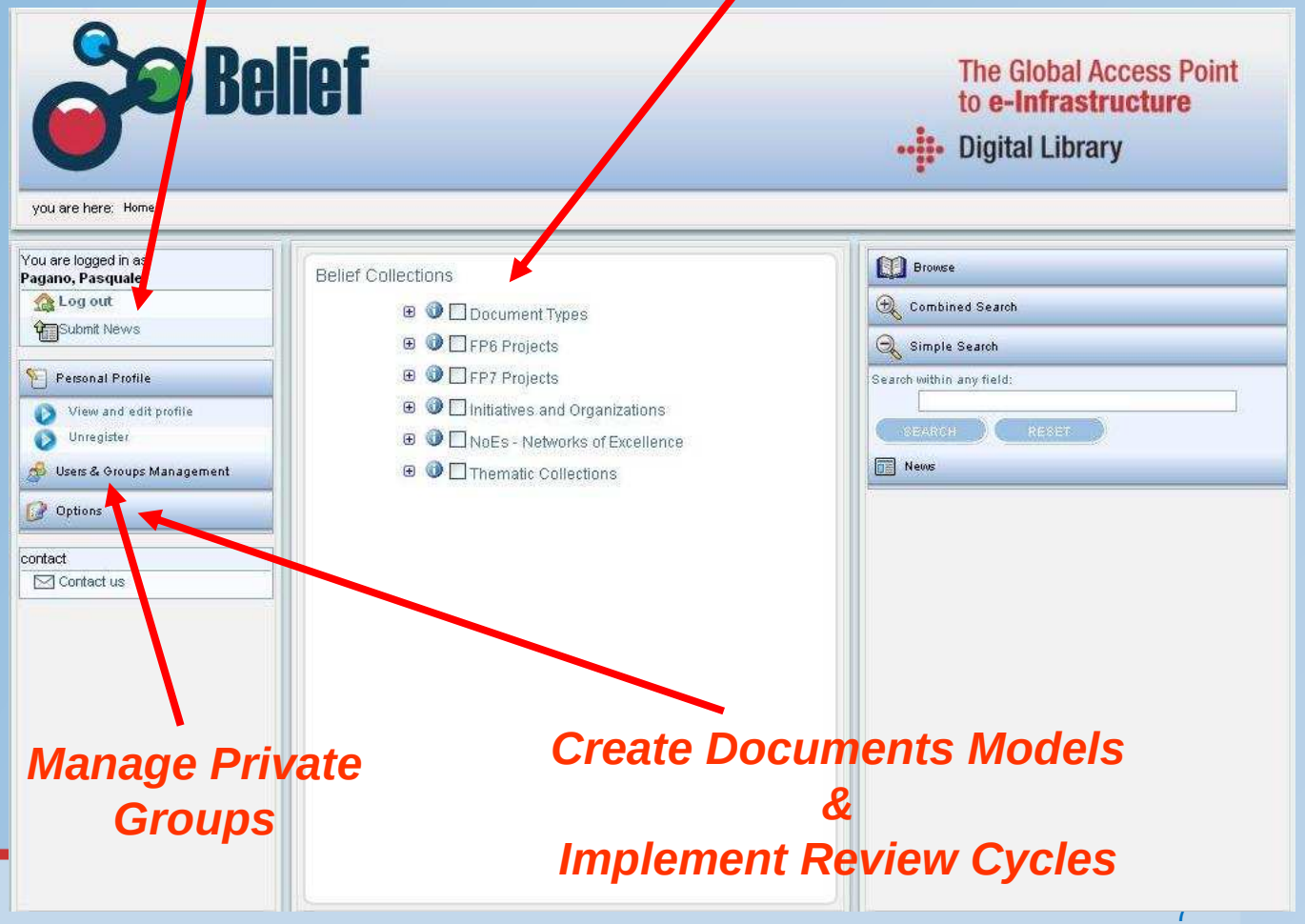


…capabilities in a single work space to:

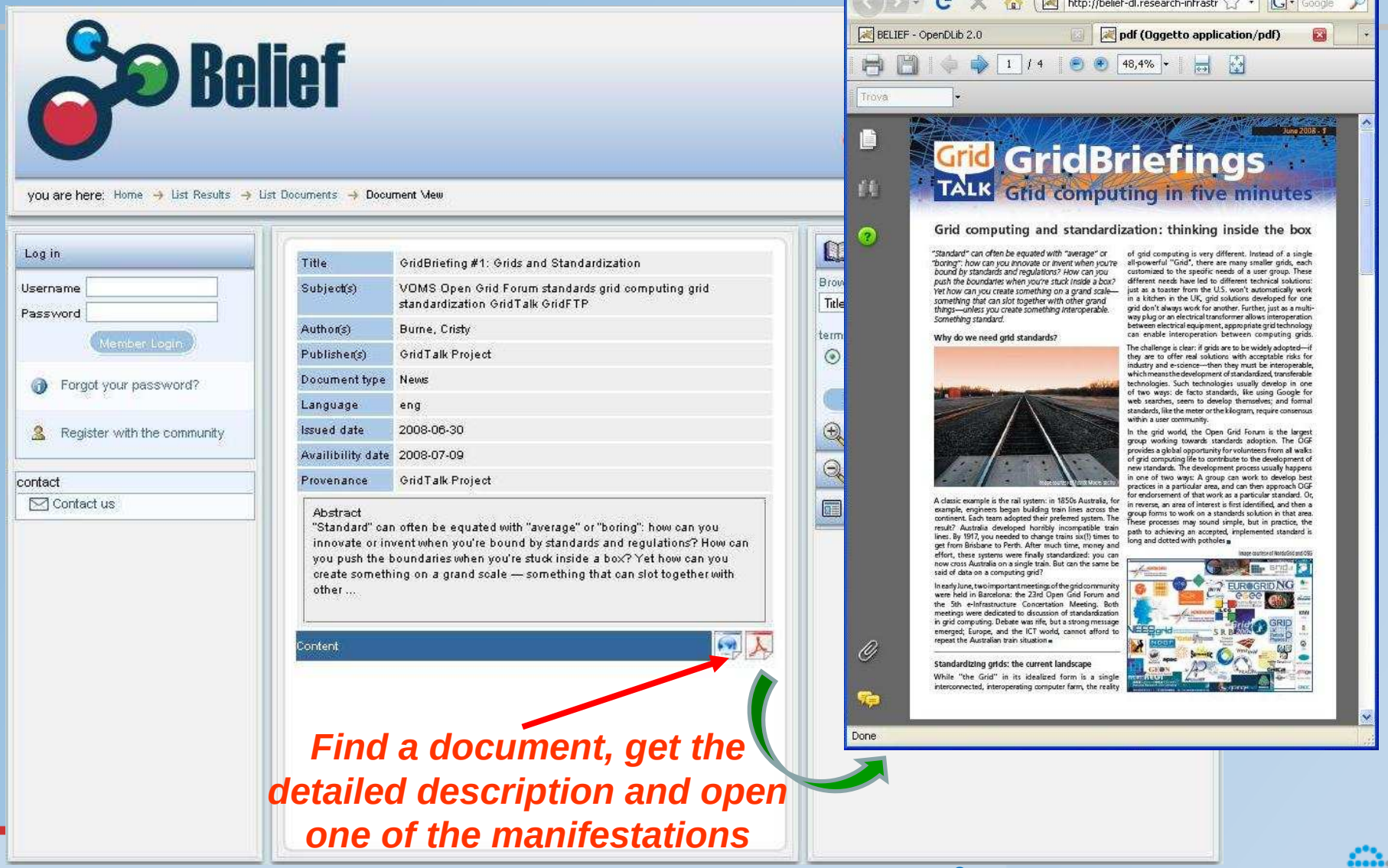
Maximise the information users can get at a glance

Minimize the number of interactions needed to access a meaningful "piece of data"

Advanced Capabilities for Librarians



Accessing Content

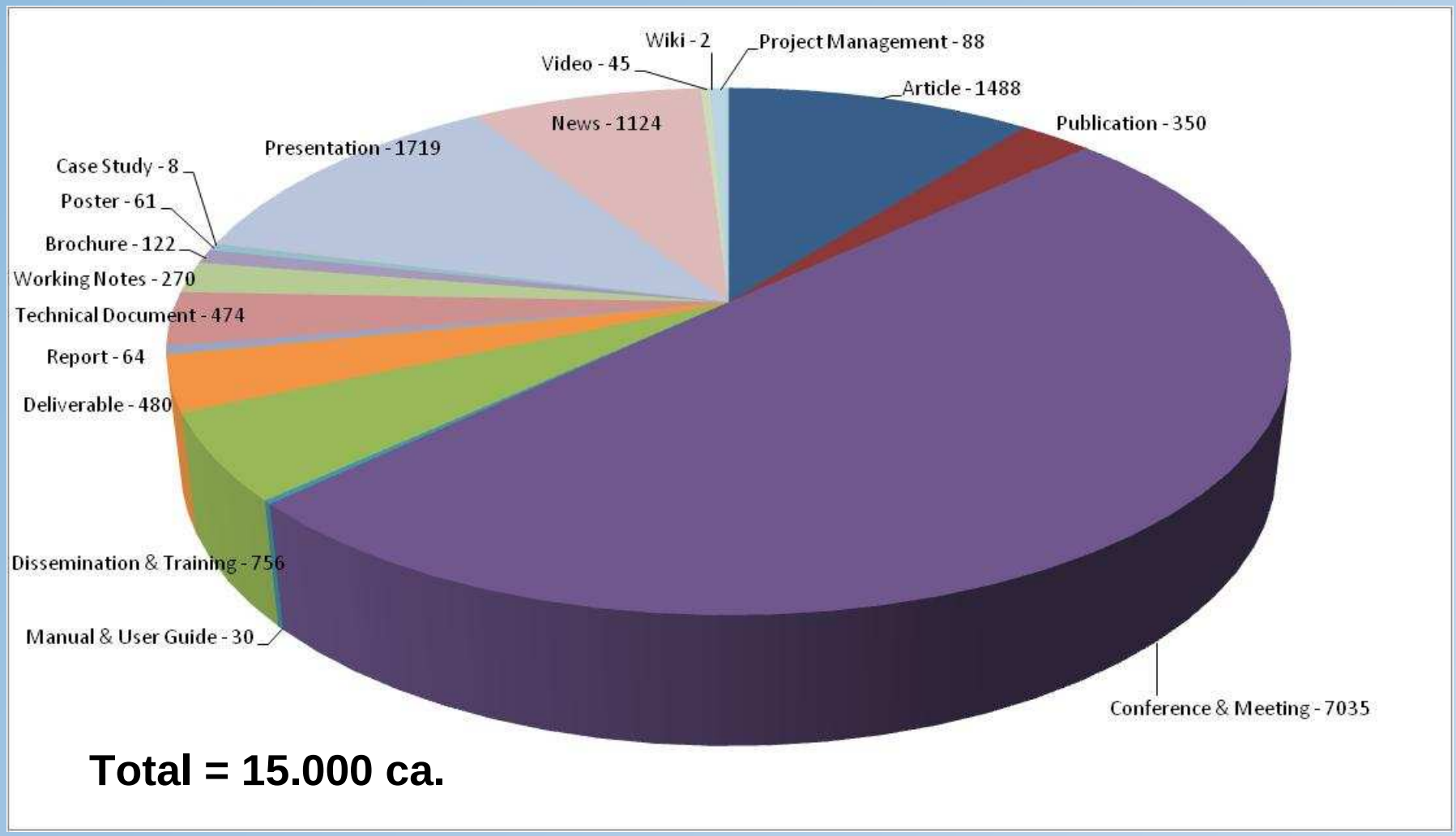


Find a document, get the detailed description and open one of the manifestations

Some facts on content's organisation

- The DL's Community ranges on more than 80 projects, initiatives and organisations inside and outside Europe
- The DL offers nearly 15.000 grey documents harvested from their repositories and websites
- The DL's content is organised around
  - 20 collections based on grey document types (articles, conferences, deliverables, news, presentations, technical documents, etc.)
  - 15 thematic collections (Interoperability, Security, Sustainability, etc.)
  - A specific collection for each of the 80 Community Member

Types and figures of grey documents



Total = 15.000 ca.

BELIEF Project data

- Research Infrastructures
  INFRA-2007-3.0-03
  Studies, conferences and coordination actions supporting policy development, including international cooperation for e-Infrastructures
- Duration: 24 months
- Total budget: 1.250.000 €
- EC contribution: 900.000 €
- Time plan: April 2008 – March 2010
- Web site:
  http://www.beliefproject.org/

- Coordinator:
  Metaware SpA, Italy
  http://www.metaware.it/

Partners

- CNR-ISTI, Italy
  http://www.isti.cnr.it/
- National and Kapodistrian University of Athens, Greece
  http://uoa.gr/
- ERNET, India
  http://www.ernet.in/
- Escola Politecnica Universidade de São Paulo, Brazil
  http://www.poli.usp.br/
- Brunel University, UK
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- Meraka Institute, South Africa
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Project Website and info

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DL URL and info

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