J-Pedia – KM Implementation

Wiki: Introduction

- Wikis, invented in 1995 by Ward Cunningham, have emerged as one of the simplest means to collaborate online
- Cunningham name the system after a shuttle bus line that runs between the terminals in Honolulu International Airport
- A wiki, a term in the Hawaiian language that means "quick" or "very fast", is a web-based environment for sharing and managing documents and files where users can view and add content, but also to modify existing content posted by other users

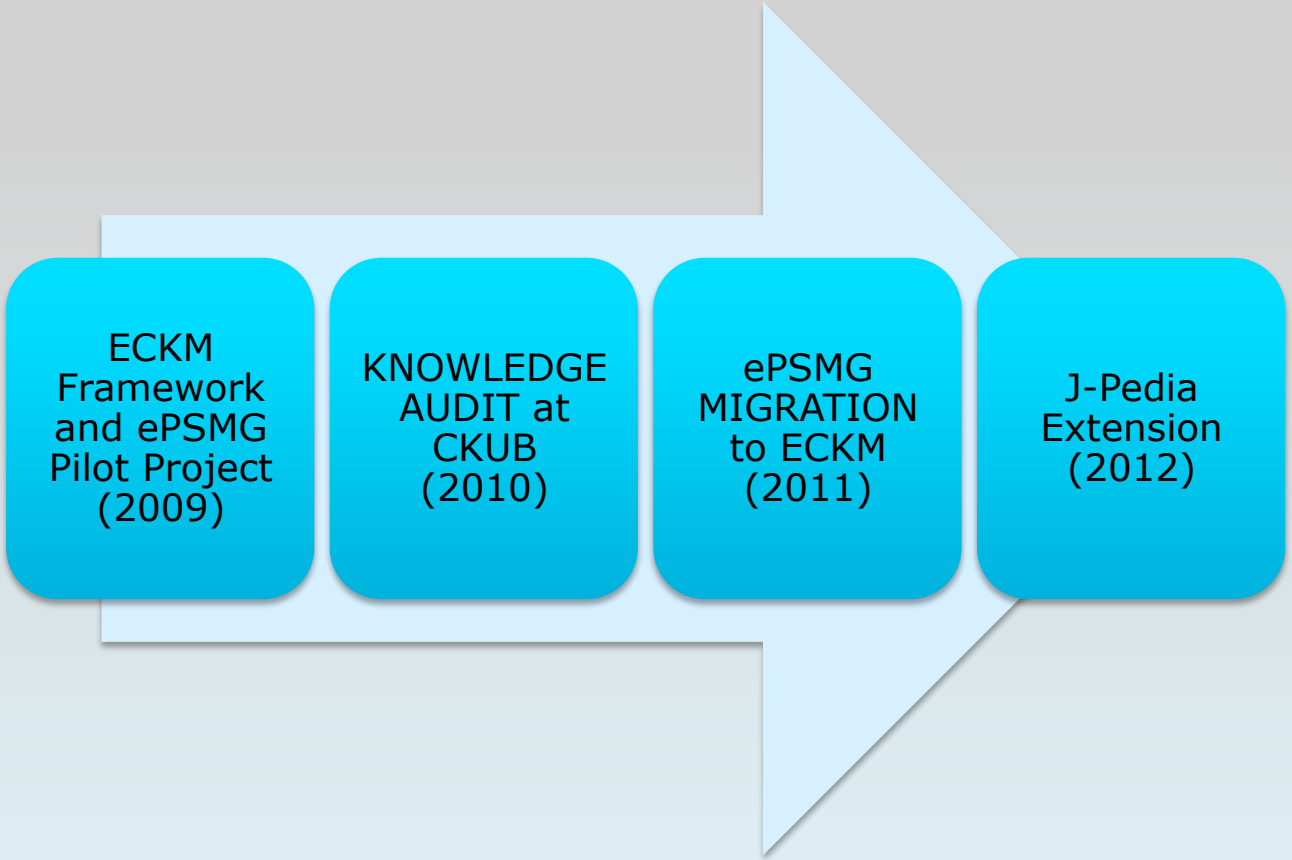
Wikipedia & Mediawiki

The Wiki Way

- Wikis are collaborative web sites where anyone with the proper permission can edit the pages in place.
- In practice, the Wiki Way is about building on-line knowledge-bases by a community of contributors through collaborative editing.

The real Wiki…

JKR Wiki Development Phases



ePSMG (2009)

Haris My talk My preferences My watchlist My contributions Log out

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Online Practical Site Management Guide (e-PSMG)

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Contents [hide]

Introduction [edit]

E-PSMG is aimed at improving the quality of supervision in numerous quality-related problems and issues that surfaced in the delivery of our construction products had been brought to the attention of the management.

View Building Work WBS

View Road Work WBS

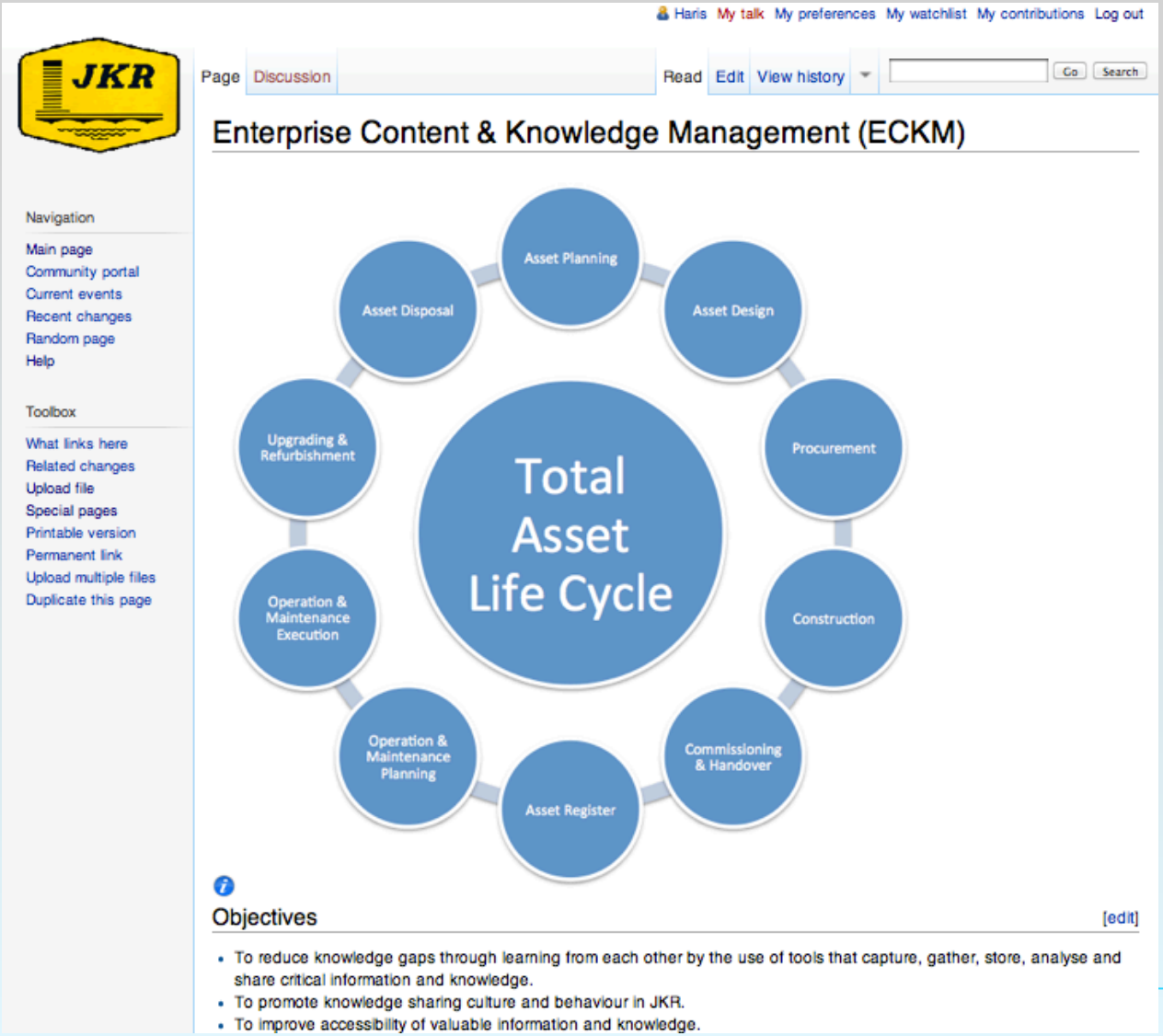
View Bridge Work WBS

View Environment, Safety and Health WBS

Mission [edit]

- To equip site supervisory team with knowledge and tools to deliver quality construction products by-
- Providing basic construction knowledge and tools that are accessible online 24 x 7, comprising but not limited to-
  - Specifications and Standards
  - Manuals and guidelines
  - Lessons Learned (Dos and Don'ts)
  - Best Practices
- Establishing an online discussion forum to be moderated by SMEs

ECKM (2011)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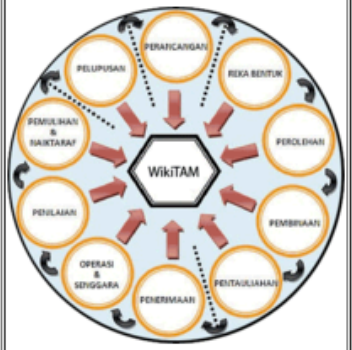
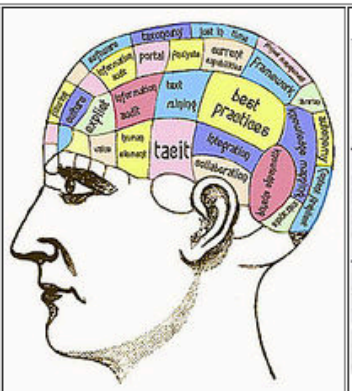
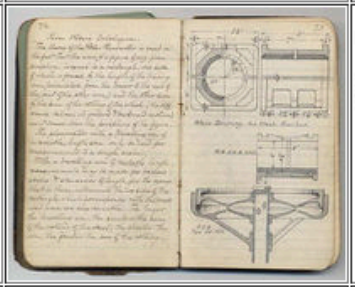
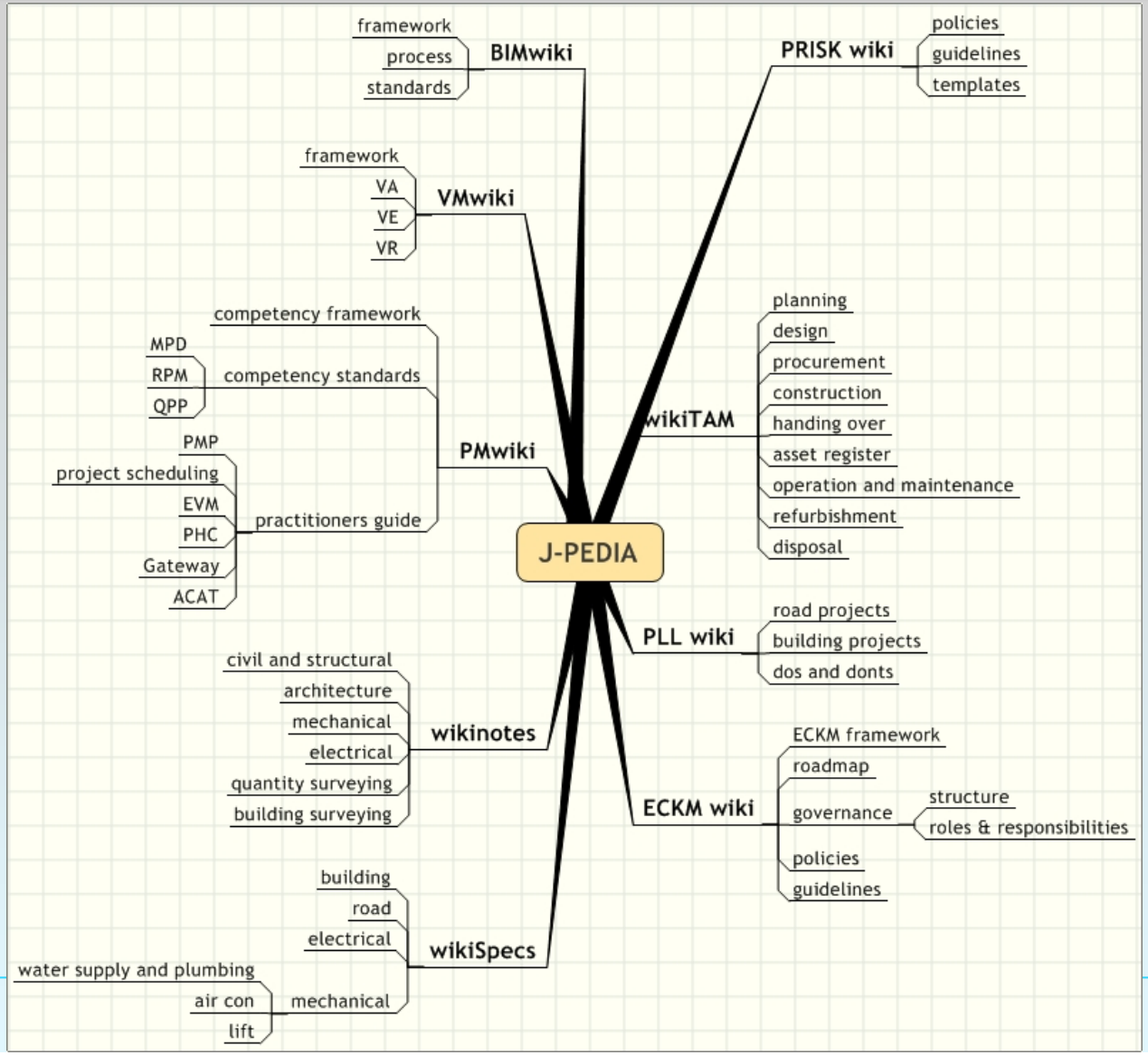
Construction
Commissioning & Handover
Asset Register
Operation & Maintenance Planning
Operation & Maintenance Execution
Upgrading & Refurbishment
Asset Disposal
Total Asset Life Cycle
Objectives
[edit]
To reduce knowledge gaps through learning from each other by the use of tools that capture, gather, store, analyse and share critical information and knowledge.
To promote knowledge sharing culture and behaviour in JKR.
To improve accessibility of valuable information and knowledge.

J-Pedia (2012)

		
wikiTAM	**ECKM wiki**	**PLL wiki**
devoted to project and asset management knowledge, aimed at those involved in processes of JKR total asset life cycle	information on enterprise content and knowledge management framework, programs and initiatives, aimed at JKR staff, from top management to implementors, across sectors, divisions, in all locations	a collection of project lessons learned and case histories
		
wikiSpecs	**wikiNotes**	**PM wiki**
a collection of JKR standard specifications	a collection of course notes	devoted to PM competency framework, standards, best practices developed by PROKOM, aimed at JKR project managers

J-Pedia Map (2012)



Wikis are textual but not fixed like print

"A characteristic of every medium is that its content is always another medium" – Marshall Mc Luhan

Key Features

Features	Example
Interlinks	[[John Smith]]
Namespaces	Talk:
Subpages	A/B
Categories	Category:
Sections	==Section==
Templates	{{template}}
Media Content	
Editable interface	

Editing Online Practical Site Management Guide (e-PSMG)

Note: This page has been protected so that only registered users can edit it. The latest log entry is provided below for reference:

- 14:08, 21 February 2012 Haris (Talk I contribs I block) moved protection settings from "Main Page" to "Online Practical Site Management Guide (e-PSMG)" *(Main Page moved to Online Practical Site Management Guide (e-PSMG): ONLINE PRACTICAL SITE MANAGEMENT GUIDE (e-PSMG))*

[Disable rich editor]

Wikitext | Format

Introduction

E-PSMG is aimed at improving the quality of supervision in numerous quality-related problems and issues that surfaced in the delivery of our construction products had been brought to the attention of the management.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Building Work WBS

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1. **Soil Investigation**
   - Introduction of Soil Investigation
   - Type of ground investigation
   - Site Laboratory Test
2. **Site Clearing & Earthwork**
   - Site Clearing
   - Earthworks
3. **Work below Floor Level (Substructure)**
   - Foundation
     - Shallow Foundation
       - General Requirement
       - Testing For Shallow Foundation
         - JKR Probe Test
         - Plate Bearing Test
     - Deep Foundation

Clearing and Grubbing

Description

Clearing:-

Removal and disposal of everything

Grubbing:-

Removal and disposal of surface ve

Equipment / Method / R

- ROAD WORKS:-JKR/SPJ/1988
  - Section 2.1.1.1
  - Section 2.1.1.2
- BUILDING WORKS:-JKR20800
  - Section C2.1

PROCEDURE

1) A gradation test is performed on a sample of aggregate in a laboratory.
2) A typical sieve analysis involves a nested column of sieves with wire mesh cloth (screen).
3) See the separate Mesh (scale) page for details of sieve sizing.
4) A representative weighed sample is poured into the top sieve which has the largest screen openings.
5) Each lower sieve in the column has smaller openings than the one above.
6) At the base is a round pan, called the receiver.
7) The column is typically placed in a mechanical shaker.
8) The shaker shakes the column, usually for some fixed amount of time.
10) After the shaking is complete the material on each sieve is weighed.
11) The weight of the sample of each sieve is then divided by the total weight to give a percentage retai

The size of the average particles on each sieve then being analysis to get the cut-point or specific size properties of the aggregate and to see if it is appropriate for various civil engineering purposes such as foundations.

A suitable sieve size for the aggregate should be selected and placed in order of decreasing size, from nest of sieves to collect the aggregate that passes through the smallest. The entire nest is then agitate the sieves. After the aggregate reaches the pan, the amount of material retained in each sieve is then w

Sieves used for gradation test.

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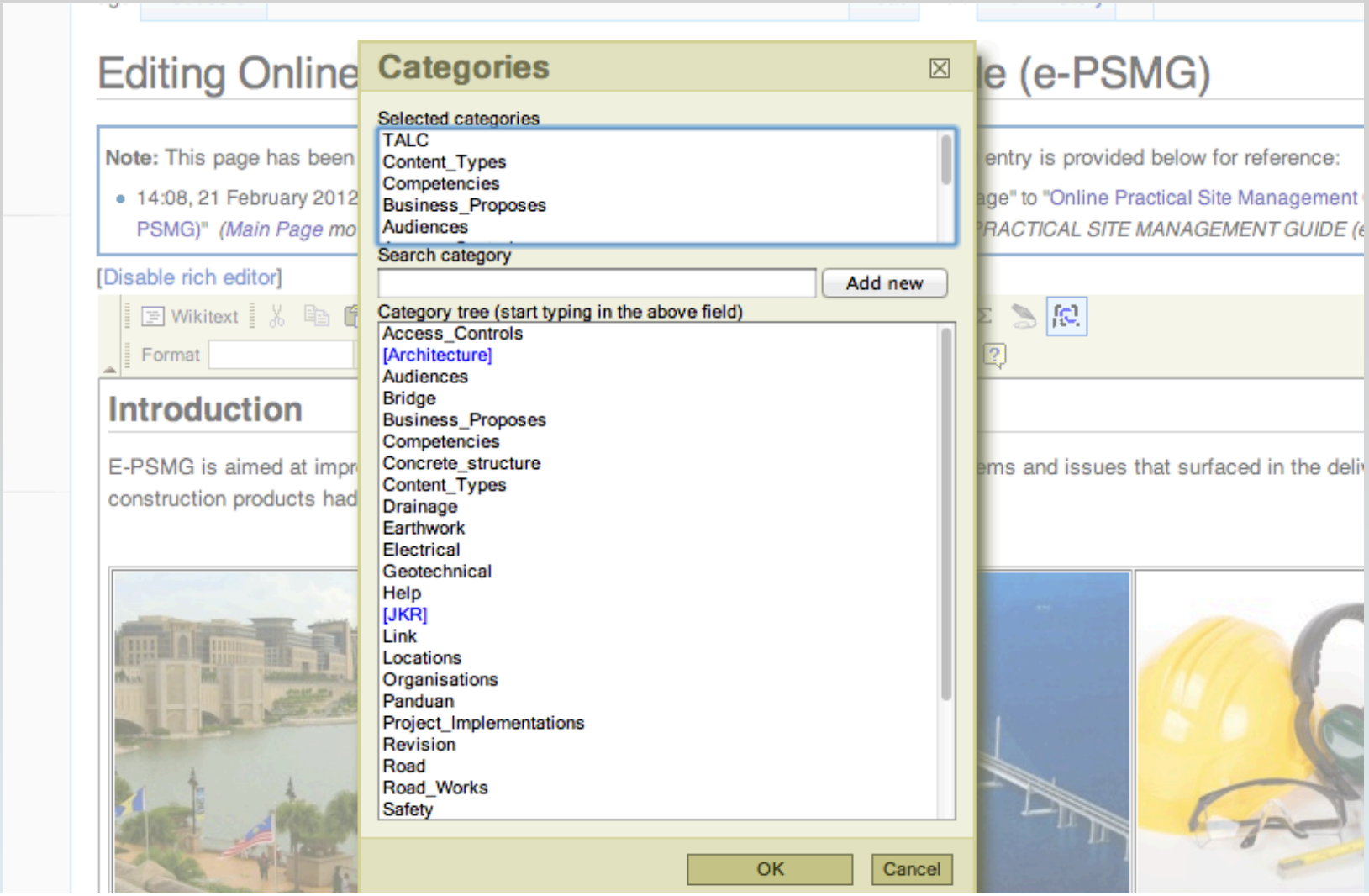
Road Work WBS

1) SURVEY WORKS & SETTING OUT
2) SOIL INVESTIGATION
   - In-situ Test:-
     - Borehole
     - JKR Probe
     - Hand Auger
     - Trial Pit
     - Cone Penetration Test (Piezocone)
     - Vane Shear Test
     - Plate Bearing Test
   - Site Laboratory Test:-
     - Sieve Analysis
     - Moisture Content
     - Modified Proctor Test

Hand Auger

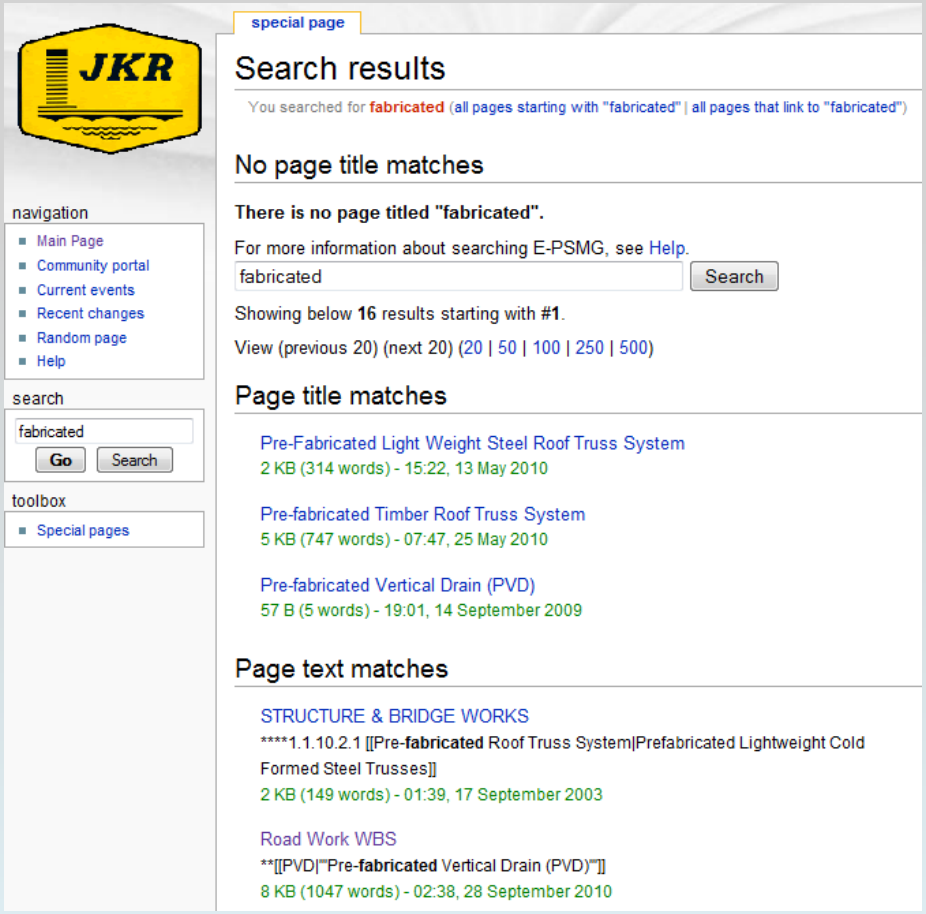
The hand auger is very simple hand tool used for drilling into soft soils down to a max different steel augers (drill bits) can be attached at the bottom end of the drill rods. Tl emptied. A different auger can be used for each formation (soil) type. Hand augering

Above the water table, the borehole generally stays open without the need for suppor can be emptied either with an auger or a bailer. The permanent well casing is then in support for the borehole as the permanent casing (direct installation), although in tha silt and soft clay



e-PSMG Information Framework [edit]

Categories: TALC | Content Types | Competencies | Business Proposes | Audiences | Access Controls | Locations | Organisations | Project Implementations | Strategic Frameworks



special page

Search results

You searched for **fabricated** (all pages starting with "fabricated" | all pages that link to "fabricated")

No page title matches

There is no page titled "fabricated".

For more information about searching E-PSMG, see Help.

fabricated Search

Showing below **16** results starting with **#1**.

View (previous 20) (next 20) (20 | 50 | 100 | 250 | 500)

Page title matches

Pre-Fabricated Light Weight Steel Roof Truss System
2 KB (314 words) - 15:22, 13 May 2010

Pre-fabricated Timber Roof Truss System
5 KB (747 words) - 07:47, 25 May 2010

Pre-fabricated Vertical Drain (PVD)
57 B (5 words) - 19:01, 14 September 2009

Page text matches

STRUCTURE & BRIDGE WORKS
****1.1.10.2.1 [[Pre-**fabricated** Roof Truss System|Prefabricated Lightweight Cold Formed Steel Trusses]]
2 KB (149 words) - 01:39, 17 September 2003

Road Work WBS
[[PVD|""Pre-fabricated** Vertical Drain (PVD)""]]
8 KB (1047 words) - 02:38, 28 September 2010

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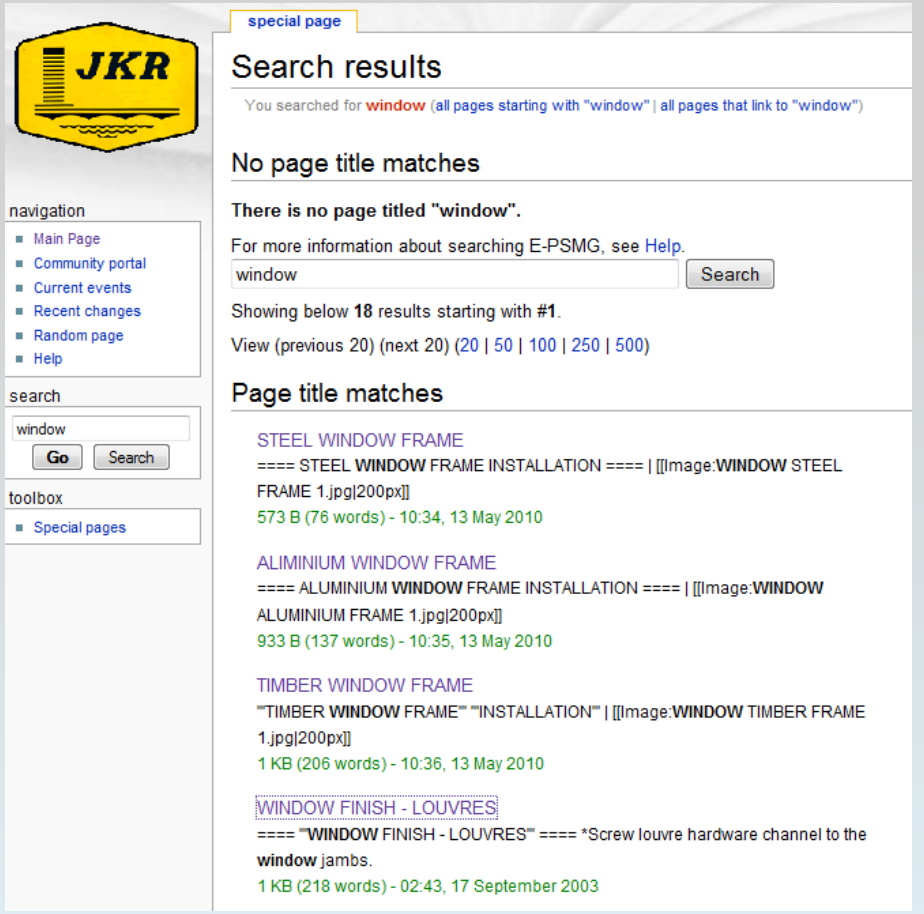

special page

Search results

You searched for **window** (all pages starting with "window" | all pages that link to "window")

No page title matches

There is no page titled "window".

For more information about searching E-PSMG, see Help.

window Search

Showing below **18** results starting with **#1**.

View (previous 20) (next 20) (20 | 50 | 100 | 250 | 500)

Page title matches

STEEL WINDOW FRAME
==== STEEL **WINDOW** FRAME INSTALLATION ==== | [[Image:**WINDOW** STEEL FRAME 1.jpg|200px]]
573 B (76 words) - 10:34, 13 May 2010

ALIMINIUM WINDOW FRAME
==== ALUMINIUM **WINDOW** FRAME INSTALLATION ==== | [[Image:**WINDOW** ALUMINIUM FRAME 1.jpg|200px]]
933 B (137 words) - 10:35, 13 May 2010

TIMBER WINDOW FRAME
""TIMBER **WINDOW** FRAME"" ""INSTALLATION"" | [[Image:**WINDOW** TIMBER FRAME 1.jpg|200px]]
1 KB (206 words) - 10:36, 13 May 2010

WINDOW FINISH - LOUVRES
==== ""**WINDOW** FINISH - LOUVRES"" ==== *Screw louvre hardware channel to the **window** jambs.
1 KB (218 words) - 02:43, 17 September 2003

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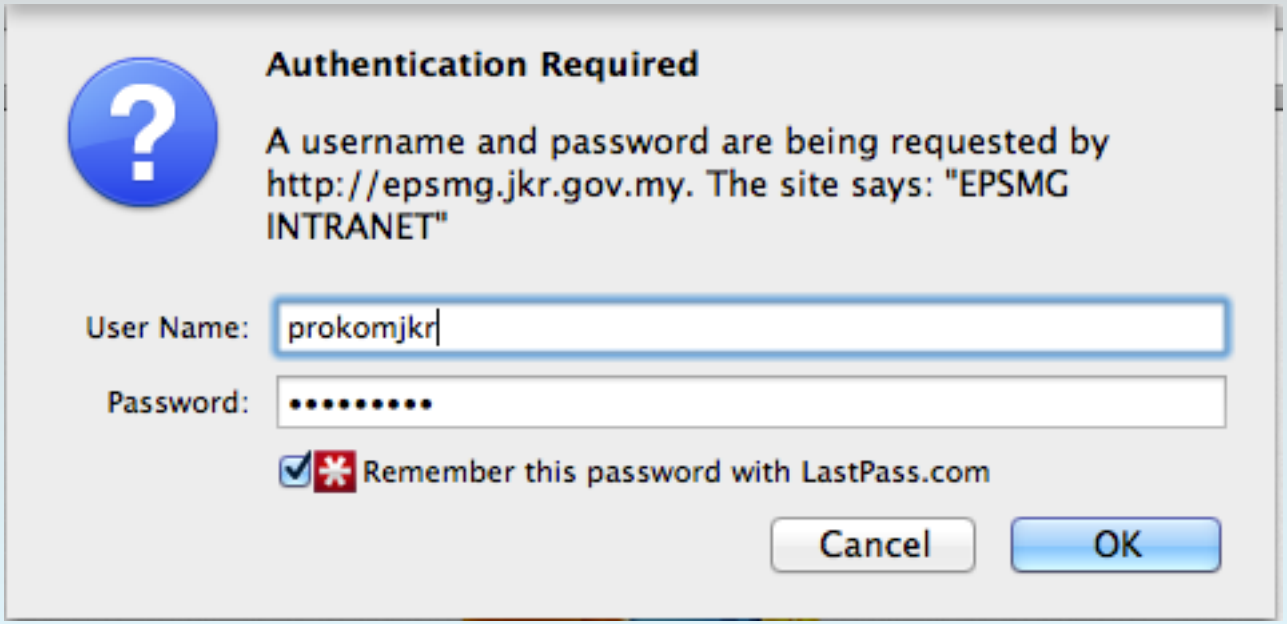
Remote Access

- Url: http://epsmg.jkr.gov.my
- Username: prokomjkr
- Password: epsmg2020



J-PEDIA - DEMO

Why wikis are so special

- Mass collaboration (D. Tapscott 2006)
  - Openness
  - Peering
  - Sharing
  - Acting Globally
- Logs
  - Revision History
  - Recent Changes
- Full of Interlinks
- New Style of Mark-up language

Current Usage

- External Use
  - Information sharing in Global scale like Wikimedia
  - Documentation
- Internal Use (Content management system)
  - Team/committee planning
  - Developing a class outline/presentation
  - Collaborative writing
  - Documentation
  - Advisory Council
- New Trends……
  - Some wikis developed their own communities-of-practice……..


Thank You!