

OBJECTIVE OF PRESENTATION

**Brief on the implementation of
JKR e-Learning initiatives
to Cawangan Jalan**



21 May 2018

JKR Enterprise Content & Knowledge Management Program



KM Tools and Techniques



JKR KM VISION

To become a first-class knowledge centre that provides the optimum in performance support via optimization based on trust, partnerships and a mutual win-win mentality

JKR KM MISSION

To improve our performance by getting the BEST knowledge to the right people at just the right time

Knowledge managers in HQ and JKR States

Quarterly Mesyuarat JKPPPI



Knowledge Fairs

PERSADA MINDA

WACANA ILMU

WADAH ILMU

SEMARAK ILMU

LIGA ILMU

KARNIVAL PEMBUDAYAAN ILMU



KM Initiatives & Products



KM Strategies

Awareness and Buy-in



Embed KM in Strategy and Practice



Facilitate contribution, sharing and accessing knowledge



Networking and Collaboration

ECKM products (2009-2017)

2009

Handbook on Enterprise Content and Knowledge Management

2010

ePSMG

2012

JPedia



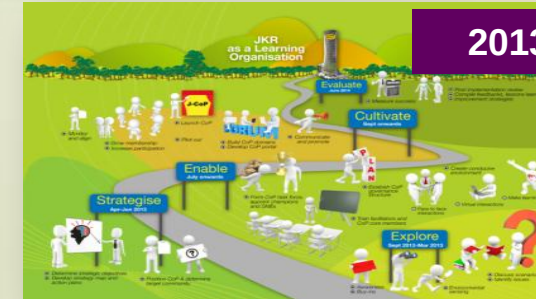
2011

KM Readiness Assessment



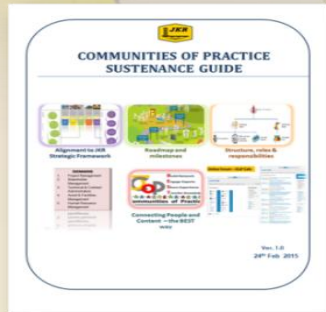
2013

Communities of Practice

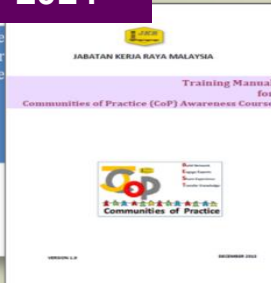
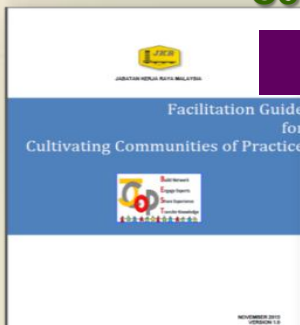


2015

CoP Guides



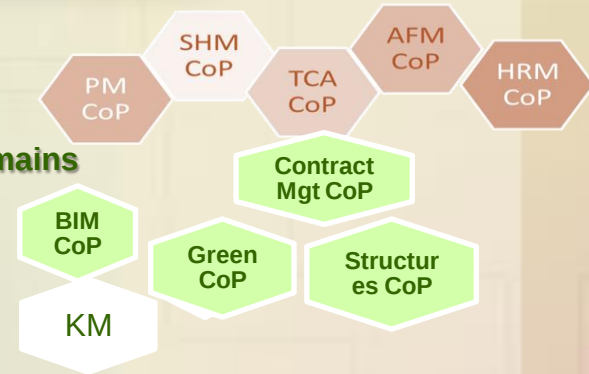
2014



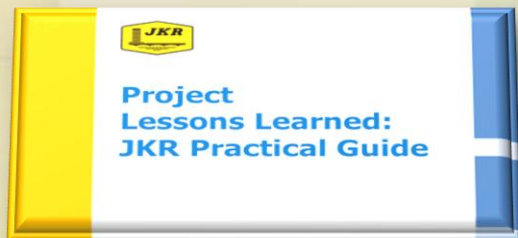
2013



CoP Domains



2016



2017

Knowledge Audit



Expert Tech Talk series



E-Learning



The KM Agenda



*To cultivate **knowledge sharing and learning culture** across department through the use of proven **effective knowledge sharing tools***

MAJOR KM INITIATIVES (since 2008)

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1 **JPedia**, an online repository to share knowledge-in-context)
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2 **Communities of Practice** to share domains of knowledge
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3 **JCoP**, an online platform to ask and discuss
- 

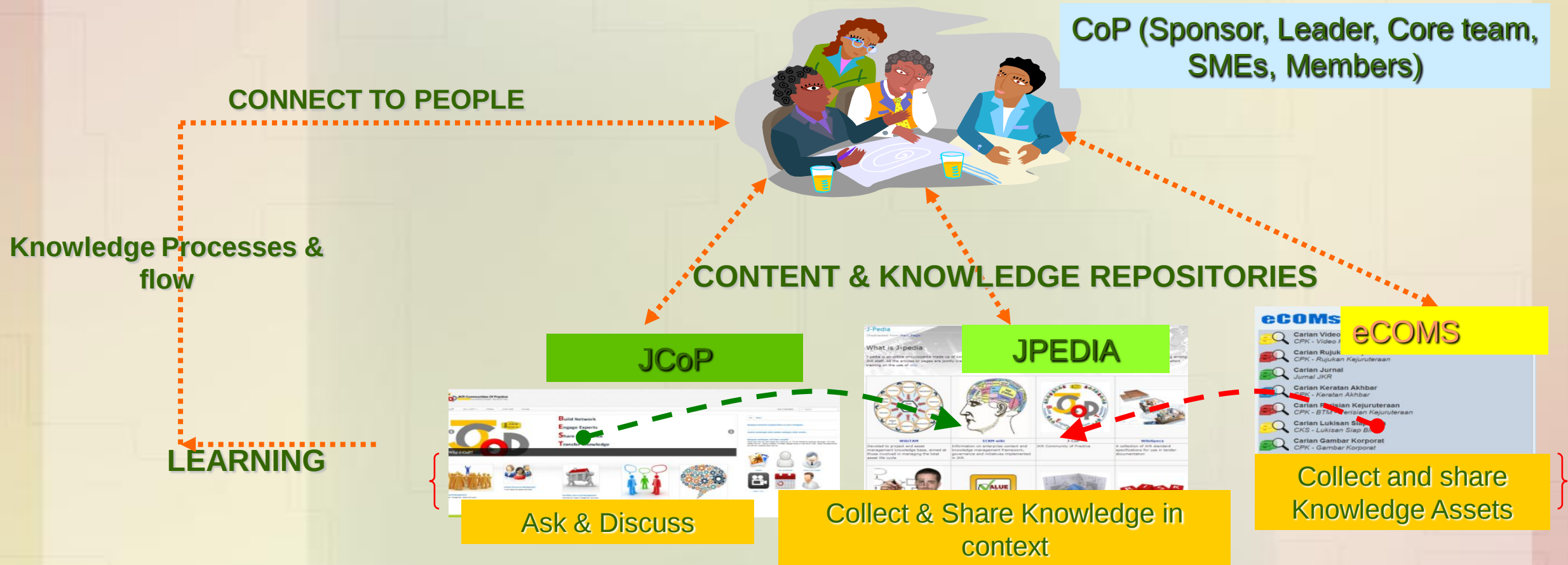
4 **Project Lessons Learned System** to share key project learnings
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5 **KM Toolbox**, set of tools and techniques to capture and share insights and ideas
- 

6 **JKR Yellow Pages** to locate experts within the department
- 

7 **E-Learning** to provide 24 x 7 learning environment

JKR Enterprise Content & Knowledge Management System



Rethinking Training and Learning Delivery

- Besides formal training encourage use social or collaborative learning and other performance support tools - provide **just-in-time aids** at the "time of learning need"
- Use **blended training delivery** (mix of online and classroom training) instead of pure instructor led training (ILT) - **save costs and higher flexibility to learners**
- Digitise ILT materials and upload to **Jpedia** - bigger **cost reduction and wider access**
- Use **innovative learning strategies** e.g gamification, scenario based approach, and engaging formats such as interactive videos, webinars, etc - provide **reinforcement and feedback**

Self-paced e-Learning

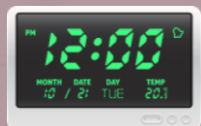
- effort to bridge the gap between the learners and the knowledge providers
- deliver content and knowledge in the most compelling manner
- acquire better learner interaction and engagement with the study material
- create better and more engaging learning interfaces





E-PEMBELAJARAN SEKTOR AWAM (EPSA®)

“Pembelajaran Bila-bila Masa Di Mana Jua”



Ketersediaan: 24 x 7



Sasaran: Penjawat Awam Malaysia

Capaian melalui Internet



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www.epsa.gov.my



JKR e-LEARNING COURSES IN EPSA

BIL.	TAJUK BAHAN KURSUS	TAHUN DITAWARKAN	MASA PEMBELAJARAN (JAM)	MASA MINIMUM (JAM)
1	Pengurusan Kenderaan	2014	14	1
2	Rekabentuk Pencahayaan	2014	8	1
3	Penggunaan Aplikasi MySPATA (Modul Pendaftaran) – Aset Bangunan	2013	24	1.5
4	Fundamental of Project Management	2014	30	3.75
5	Pengumpulan Data Aset Tak Alih (PeDATA) – Aset Bangunan	2013	14	1
6	Asas Pengiraan Beban Elektrik	2017	6	0.75

MODUL BARU

1. Jalan Rosak: Apa Anda Perlu Tahu

SME : Ir Mohd Hizam Bin Harun

AHLI PASUKAN : 1. Ir Romziah Binti Azit
2. Pn Syahida Binti Aripin
3. Pn Siti Nor Faizah Binti Kamaruddin

2. Awareness on Value Management in Public Projects

SME : Pn Zawidatul Asma Binti Ghazali

AHLI PASUKAN :

1. Pn Sharifah Muna Syed Murtaza
2. Tn Hj Mukhzani Bin Abd Latif
3. Sr Rohanis Ab Ghani
4. Pn Salawati Binti Zainuddin
5. En Mohamad Firdaus Bin Ibrahim

3. Construction Defects found in Reinforced Concrete During Construction

SME : Dr Sherliza Binti Zaini Sooria

AHLI PASUKAN : 1. Ir Norazman Bin Ismail
2. Puan Izmazurina Binti Ramli
3. Pn Nor Azlina Binti Kasim

Jawatankuasa Pelaksanaan Pembangunan e-Pembelajaran JKR

Pengerusi: Pengarah kanan CREaTE

Ahli – Ketua Kompetensi CREaTE
ECKM (CPAB)

Ahli Jemputan:

Pakar rujuk yang dikenalpasti



Jawatankuasa Pentauliahan Bahan e-Pembelajaran JKR

Pengerusi: Pengarah Kanan CPAB

Sekretariat: Unit ECKM CPAB

Ahli: Pengarah CDPK
Pengarah CREaTE
Pakar rujuk EPSA
Ketua Bhg.Teknologi Maklumat JKR

Ahli Jemputan:

Pakar rujuk/penyedia bahan kursus berkaitan
Ketua Kompetensi CREaTE berkaitan

**Pasukan-pasukan kerja
Penyediaan Bahan e-Pembelajaran**

**Pasukan-pasukan kerja
Penyediaan Bahan e-Pembelajaran**

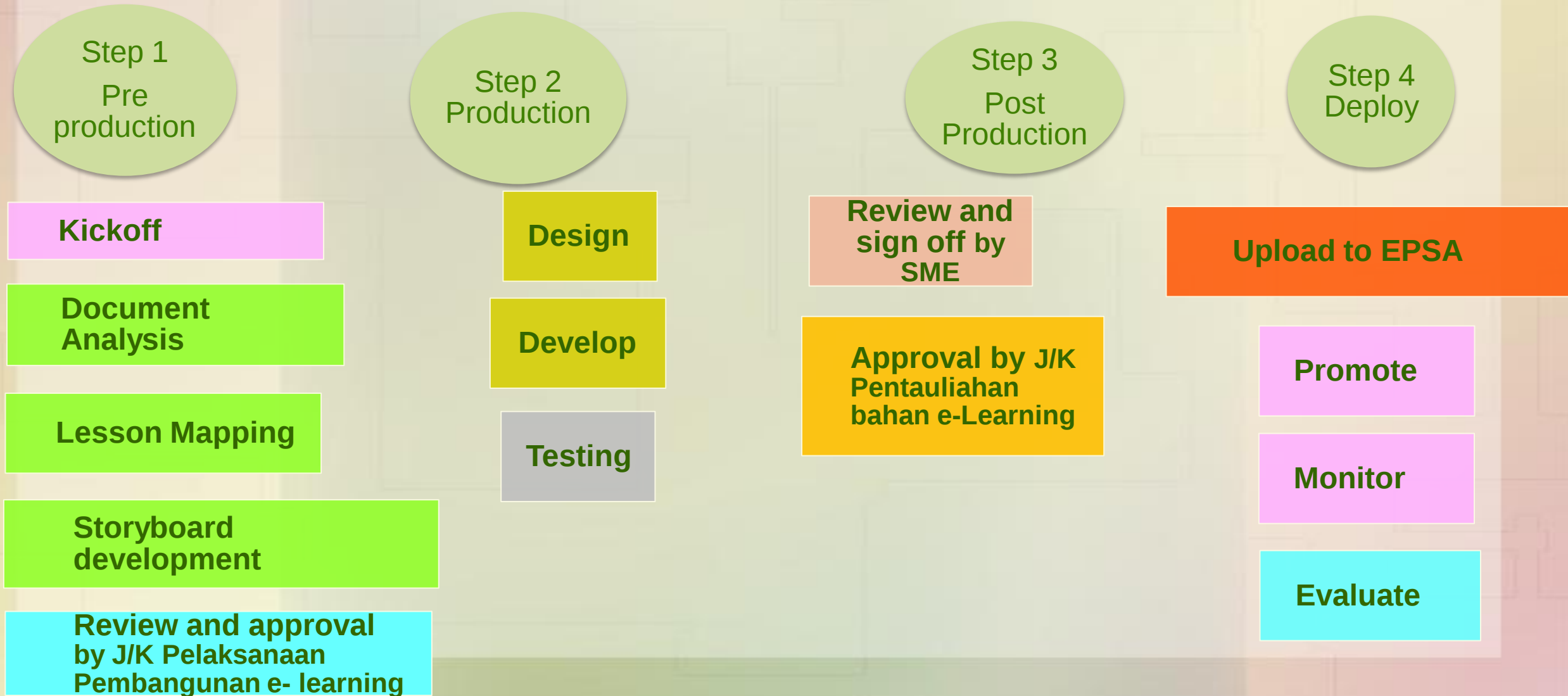
**Pasukan-pasukan kerja
Penyediaan Bahan e-Pembelajaran**

Ketua: Pakar Rujuk berkaitan

Ahli: Pembantu pegawai rujuk

Instructional Designer dan Developer yang dilantik

E-Learning Development Activities



MASSIVE OPEN ONLINE COURSE (MOOC)

- A massive open online course is an online course aimed at unlimited participation and open access via the web (source: Wikipedia)
- to promote the reuse and remixing of resources
- upload videos
 - Expert Tech Talks
 - Exit Interviews

EXPERT TECH TALK OLEH SUBJECT MATTER EXPERTS JKR

Bil.	Tajuk	Subject Matter Expert JKR
1.	Concrete Durability	Ir Dr Lim Char Ching
2.	Section D: Concrete Works	Ir Mohd Noor Azudin Mansor
3.	Penilaian Tuntutan Akibat dari Lanjutan Masa	Sr Amran Mohd Majid

EXIT INTERVIEWS (SEMBANG-SEMBANG DENGAN PENGARAH) TAHUN 2013-2015

Bil.	Tajuk	Jawatan
1.	YBhg. Dato' Seri Ir Hj. Mohd Noor Yaacob	Mantan Ketua Pengarah Kerja Raya
2.	YBhg. Dato' Ir Dr. Azmi Hassan	Mantan Pengarah Bahagian Perancang Jalan, KKR
3.	YBhg. Dato' Ir Hj. Salehuddin Mohd Isa	Mantan Pengarah Kanan Cawangan Pengurusan Projek Kompleks
4.	YBhg. Dato' Sr Abdull Manaf Hj. Hashim	Mantan Pengarah Kanan, Cawangan Kontrak dan Ukur Bahan
5.	YBhg. Dato' Ir Rosman Hj Yahya	Mantan Pengarah, JKR Pahang
6.	YBhg. Dato' Sr Jaafar Shahidan	Mantan Pengarah Kanan, Cawangan Kontrak dan Ukur Bahan
7.	YBhg. Dato' Ir Baharanuddin Che Zain	Mantan Pengarah, Cawangan Jalan
8.	Ir Nik Hamid @ Nik Rahimi Nik Mansor	Mantan Pengarah Cawangan Kejuruteraan Elektrik
9.	Ir Tan Lai Seng	Mantan Timbalan Ketua Pengarah (Teknikal), Jabatan Kerajaan Tempatan, Kementerian Kesejahteraan Bandar, Perumahan dan Kerajaan Tempatan
10.	Ir Mamman K.T. George	Mantan Pengarah, Cawangan Kerja Pendidikan dan Pengajian Tinggi

★ Any ★ ★ ★
Suggestions? ★

